American Missionary Association.

To the Editor of the Chicago Republican.

It will be gratifying to our numerous friends in the Northwest, who have hitherto acted through this office, to know that Gen. Charles H. Howard, brother of Gen. O. O. Howard, who has long been an efficient laborar with his H. Howard, brother of Gen. O. O. Howard, who has fong been an efficient laborer with his brother in the Freedmen's Bureau, has finally been secured as District Secretary here, in the place of Rev. J. R. Shipherd, resigned. His former position, his knowledge of the Southern field, his well-known interest in the work and his acknowledged ability, all pre-eminently qualify him for the place. He will be at his post ere long.

Here let me say that this worthy society.

quality him for the place. He will be at his post ere long.

Here let me say that this worthy society needs \$500,000 this year to efficiently carry forward the great work already begun at the South, and to clear off a debt of over \$50,000, necessarily incurred the past year, so, after mature deliberation, decided the last annual meeting at Springfield, Mass. With this amount, says their late appeal, the association would put into the field five or six hundred missionary teachers, and not less than fifty preachers; and this is the least force that can meet the demands of the work, or hold the field against vigilant and ever active enemies. Let it be remembered that the work is not alone for the people of color, but for the whole South, and, in the final outlook, for the country and the world. This land is worth more to Christianity, civilizations and missions, than any other. For the sakes of the world, then it must be easily and the sakes of the world.

world. This land is worth more to Christianity, civilizations and missions, than any other. For the sake of the world, then, it must be saved—saved from ignorance, vice and infidelity, from intemperance, Romanism and the unsubdued spirit of rebellion.

The great battle for this land, who can doubt, is to be fought in the South; and for the simple reason, that ignorance and depravity, crime, intemperance and Romanism are there exerting their direst might to destroy us. The destruction of slavery unmoored the South. Her laws, her schools, her churches, were all anchored in that, and when that passed away they floated out upon a sea of storm. She needs, most of all, Christian institutions;—institutions that have stood the test of battle, and won the right to live. She needs what the East gave to the West, making them one when the struggle came,—the New England church and school, and whatever has grown out of them, to civilize the people, and beget order, sobriety, purity and fath. This is the principal work of the American Missionary Association, to plant these institutions in the South. Only this can help the South and save the country; and what we do in this direction must be done quickly. Rome is already there with a thousand sisters of charity, with scores of priests, building churches and schools for white and black, and expending in her work more than a million of dollars, per annum. The prize to be won is worth her highest effort, and she evidently means to make it. We must go Southward, with education and the Gospel, though for the present scorned and rejected by most of the whites. We enter through the cabin, the school and the church of the blacks. We plant ourselves in the hearts of this confiding race. But, leave the field for a few years to Romanism, to plant and sow; to intemperance, superstition and infidelity, to poison and corrupt; to Southern teaching and preaching; and the case is hopeless. The time for us to work is now. The country is open. The race is receptive, waiting, eager, plastic; speak

41.4

Amusements.

Crosby's Opera-House.—"The Three Guardsmen" commences its second week this evening.

Theater.—Miss Lotta appears as McVicker's Theater.—Miss Lotta appears as Topsy, in "Uncle Tom's Cabin," to-night, with

Topsy, in "Uncle Tom's Cabin," to-night, with a new song and banjo solo.

Wood's Museum.—Mrs. Alice Holland takes her benefit this evening, and a crowded house may be expected. The bill is crowded with merriment and fun, and John Dillon and the beneficiaire will make the most of their opportunities to interpret all the wit of the plays that are to be given.

Minstref Hall.—"After Dark, or Life in Chicago," a new local burlesque, will be produced by Sharpley & Cotton, this evening, with an abundance of other novelties.

	and	for the week ending to-night, are as fol-
1		Receipts. Shiphreads
4	Det	29. 7,944 303 , 30 6,866 694 c, 31 and Jau. 1 4,031 81 , 2 1,943
9		00 702 6 1,694
	Co	otal
30 30 nd		in the early part of the week, owing to the ges was quiet, and prices week, owing to the ge supplies left over from last week, but as a receipts from day to day have been light, but for her products active and ad-
to	va va	ncing, buyers entered an appearance on
13/4	th	en the market has refer min and the
31/4	bo bo	the quotations given in our last weekly re- ort, we note an appreciation of 30@50e per 100 son all grades. To-day the demand was una- ted, and the market firm. Packers ere the only real operators, and the pens were conclusived at from \$9.10@9.50 for common,
23/6 43/6 5	80	A ACCOUNT 1914 for fair to good lots. A
434	fe	w fancy lots sold at \$10 236 10 30. We date rices at the close firm, as follows:
0 8	G	ood to choice 10 00 10 25
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614 814 1 814		28. 210 9 50 49 273 10 00 49 273 10 00 33 20 50 50 282 193 9 10 56 285 10 10 62 280 9 634
115	THE REAL PROPERTY.	49260 9 70 SHEEP.
914		rrade in this department of the of week has been quiet and the quality of the of erings not adapted to the requirements. Common to fair lots found a few buyers at \$200 per
11814	5	non to hair lots found a solution were in fair request at \$3@4 25.
31036 312 31436		MARKETS BY TELEGRAPH.
\$16% \$15% \$15%	S II	New York. LATEST. LATEST. Chicago Republican.
15% 45 p.414	0 10	[Special Telegram to the Chicago Republican.] NEW YORK, Jan. 2. BREADSTUFFS—Little doing in flour, but in whea there was a brisk milling and shipping demand a \$1.55@1.58 for No. 2 in store, but holders were full three cents above these prices, and very firm; offer in years paringly, although the state of the mone
018% 018% 013		\$1.55@1.58 for No. 2 in store, but holders were full three cents above these prices, and very firm; offer ing very sparingly, although the state of the mone
3 .50 5 .90 51.11	0	Corn-Kiln-dried sold at \$1.03, but ordinary nev
01.3 01.1	0	SHEEF-Receipts since Thursday, 1,000 levery firm at 44/67c. Swing-Receipts 500 head yesterday, but su
0.4	0	plies for to-day have not arrived; prices decaucal higher at 104, 601046, but nearly nominal. New York, Jan. 2.—Cetton opened dail be closed active and decidedly higher; sales 4,800 bale at 264,6 for middling uplands. Plour—Receipt 5,559 brls; market quiet and without decide change; sales 4,700 brls; \$5.85,6 15 for superfin State and Western; \$6.80,67 25 for extra State \$8.67 20 for extra State \$8.67 20 for extra State \$1.67 20 for extra Sta
51.8 51.8	0	closed active and decimenty anglet, and the state of the
21.0	15	change; sales 4,700 brls; \$5 85%6 15 for saperin State and Western; \$8 80%7 25 for extra State \$8 6%7 30 for extra Western; \$8 90%10 for white when extra; \$6 85%6 50 for round hoop Ohio; \$7 50%8 5 for extra \$1. Louis; \$9%12 for good to choice doclosing quiet; calafornia flour nominal. Rye flou quiet; sales 200 brls at \$5%3. Corn meal quiet an unchanged. Whisky quiet; sales 35 brls Wester 1960%11, rec. Wheat — Receipts 400 bu market quiet and without decided change; sale 4,000 bu mixed spring at \$1 61. Rye quiet and urchanged. Barley dulf; sales 800 bu Canada Wester \$2 20. Barley mait dull. Corn—Receipts 8,86 bu; market opened steady and closed 1632 bett for new; sales 52,000 bu at 916,0086 for new white Western; \$1 074,0084 05 ft white Southern; \$1 03 for kiln-dried Western store; 781% for do affeat. Coal quiet. Leather Hemicek sole firmer at 2816,299% for Buen Ayres and Rio Grande light-weights. Wo quiet and unchanged; sales 250,000 B at 45%,390 for domestic fleece; 37%,585 of rouled and state \$250,000 B at 45%,390 for domestic fleece; 37%,585 of rouled and states \$250,000 B at 45%,390 for domestic fleece; 37%,585 of rouled and states \$250,000 B at 45%,390 for domestic fleece; 37%,585 of rouled and states \$250,000 B at 45%,390 for domestic fleece; 37%,585 of rouled and states \$250,000 B at 100 ft. States \$250,000 B at 45%,390 for domestic fleece; 37%,585 of rouled and 45%,485 for domestic fleece.
01.5	30 1	for extra St. Louis; \$9@12 for good to choice do- closing quiet. Calafornia flour nominal. Rye flou ouiet; sales 200 brls at \$6@8. Corn meal quiet an
61.6	25	unchanged. Whisky quiet; sales 75 bris Wester. at 98c@\$1, free. Wheat - Receipts 409 bu market quiet and without decided change; sale
31.5	90	4.000 bu mixed spring at \$1 61. Rye quiet and the changed. Barley dull; sales \$00 bu Canada Wei at \$2 20. Barley mait dull. Corn-Receipts, 8.80
an	d	bu; market opened steady and closed white for new; sales 52,000 bu at 94,008c for new mixe Western; \$1,07@1 19 for old do in store and afloat
.50 .50	222 75	white Southern; \$1 03 for kiln-dried Western Oats firm; sales 30,000 bu at 75c for Western Cats firm; sales 30,000 bu at 75c for Western
.50 .50 .V	Cont.	Hemleck sole firmer at 2314 @2914c for Buen Ayres and Rio Grande light-weights. Wo
1 9	14	at 45@39c for domestic fieece; 37@38c f pulled and 45@48c for domestic. Rice quiet. Co. fee dull. Sucar quiet, sales of 60 hhds Cuba at 11
319 311 318 316	0000	Molasses dull. Hops quiet and unchanged. Petr leum quiet at 18 for crude; 31c for refined bonde Linseed oil quiet. Spirits turpentine quiet and u
519 192	16	changed. Provisions—Pork quiet and steady; sai of 430 brls at \$27 75@28 for new mess; \$26 50 for c do: \$21@25 for prime; \$25 50@27 for prime mes
597	-Da	also sales of 250 bris of faw mess, sense di \$28 50. Stock old and new, 34,169 bris, same di last month, 7,886 bris; last year 64,990 bris. B
514 504	5	Ayres and Rio Grande light-weights. Wo quiet and unchanged; sales 250,000 B at 450,30c for domestic fleece; 37,055c f pulled and 450,48c for domestic fleece; 37,055c f pulled and 450,48c for domestic fleece; 37,055c f pulled and 450,48c for domestic fleece; 37,055c f fee dull. Sugar quiet, sales of 60 labs Cuba at 11 Molasses dull. Hops quiet and unchanged. Petr leum quiet at 18c for crude; 31c for refined bonde Linssed olt quiet. Spirits turpentine quiet and steady and 6430 bris at \$37,750,285 for new mess; \$36,50 for do: \$21,025 for prime; \$25,50,37 for prime mes also sales of 250 bris of raw mess, \$36,50 for do: \$21,025 for prime; \$25,50,37 for prime mes also sales of 250 bris; last year 64,900 bris, same di last month, 7,386 bris; last year 64,900 bris, Bquiet, sales of 120 bris at \$90,16 50 for new plumess; \$146,019 50 for new extra mess. Stock—Old new, 56,609 packages; tast month, 40,913; last year 64,097. Tierce beef quiet; sales 200 tcs. at \$27,60 for prime mess; \$31,625 for India mess. Beef ha steady; sales 235 bris at \$39,334. Cut meats quisales 440 pkgs at 10½,611½ for shoulders and 155½ for hams. Middles quiet and steady; sales 19½,611½ for shoulders and 195,600 package despendent at 12½,613½ for Weste 19½,613½ for for team, and 17½,617½ for ket rendered; also, 1,600 tes steam, seller Febru and March at 17½,618c. Butter quiet at 25,600 but wheat per sail at 80. Metals—Sheath copper steady at 38c; ingot copper rather more tive, 23½,624c for all kinds. Pig-iron quiet at \$4,7,500 but wheat per sail at 80. Metals—Sheath copper steady at 320,236 for Marchan and and steady; and copper steady at 38c; ingot copper rather more tive, 23½,624c for all kinds. Pig-iron quiet at \$4,7,500 but wheat per sail at 80. Metals—Sheath copper steady at 320,236 for Marchan Bar-
	116	for prime moss; \$31@35 for India mess. Beef hasteady; sales 235 bris at \$30@34. Cut meats quisteady; sales 235 bris at \$30@34. Cut meats quiste and 100 meat
000	7 延延	15½c for hams. Middles quiet and steady; sa 160 boxes long clear, deliverable in Chicago at) Deceade hors firmer at 12½012½c for Weste
581.1	11/2	12%@13c for city. Lard quiet und steady; sales tes at 16%@17%c for ket rendered; also, 1,000 tes steam, seller Febru
6.1 6/3	50	and March at 17% @18c. Butter quiet at 256 for Ohio; 40@50c for State. Cheese firm at 1 194c. Freights to Liverpool scarcely so firm,
93		eagements of 8,000 bu corn per steamer at va.; 7,500 bu wheat per sail at 8d. Metals—Sheath copper steady at 83c; ingot copper rather more
.50	5.00	tive, 23% @24c for all kinds. Figiron quiet at \$42 for Scotch and \$33@42 for American. Bardull at \$90@95 for refined. English and American
42	5.00	7,500 bu wheat per sail at 8d. Metals—Sheath copper atendy at 8dc; ingot copper rather more tive, 33%@24c for all kinds. Pig-iron quiet at \$42 for Scotch and \$33%@2 for American. Bardull at \$800@36 for reined. Engish and Ameri sheet-iron quiet; 40%@41%c for Russia. Neelling c5%@5%c for cuit; 0%@26 for clinch, 27@30c for horse-shoe. LATEST, 5 T. N.—Flour closed firm for grades which are scarce and dull; heavy for other kinds. Wheat nominally unchanged. onlet; \$150@125 for Western. Oats quiet and
3	0.00 4.00 5.00	grades which are scarce and dull; heavy for other kinds. Wheat nominally unchanged.
.22	4.00 2.00 5.00	76c for Western in store, and 78/078%c alloat. firm and fairly active, at \$1 07/21 109% for old, 18/08c for new mixed Western. Pork quiet
3	3.00	steady at \$39 for new mess. Beef mode request and unchanged. Bacon firm, with mode inquiry. Lard firm at 17% 2017/cc for fair to p steam. Cut ments firm, with fair demand.
	6.00	steam. Cut meats firm, with fair demand. quiet at 36@39c. DRY GOODS.
	14.00	ket, as might have been expected, has been
	00 17 40	less, are armly sustained, and are impos
	fol	quiry is anticipated both for cotton and we goods ere long. There has been numerous che in business on the 1st inst., and on this action in business on the 1st inst., and on this action is baye remained out of the market reco

tic Cables.

med us yesterday that Atlantic cable of 1865. at Eastern, had at last d amid cheers from an imrowd, and the roar of canwar in the harbor. This ainly be regarded as one iumphs of science and our age has afforded. rying over of the new imagination as a feat very of a slender wire ole year far out in the less Atlantic. But we hese days, and though nem may quicken our t they are soon forgotonishing than the wilderazade pass before our receive them as matters day a London dandy his cigar with a spark America under the sea, away afterwards as prising had happened. nders.

on of a double line of es us reasonable asation will not be againthat the company haventerprise will adopt a ct to the rates charged f messages. Thus far normously high as to mmunication entirely newspapers but the an or es, and even in it might be of such light use is made ent through the ommercial transnveyed will leave much ould hardly gement the e, and it not use ore lain

ers do

LETTER EXPLANATORY. - Capt. Merriam who was recently pretty severely handled by a correspondent of the Boston Advertiser, on occasion of a rumor that he had been appointed a Major in the regular army vice Brig. Gen. Ches. Howard, removed, writes to the editors of the Advertiser as follows:

WATERVILLE, ME., SEPT. 4, 1866.

To the Editors of the Boston Advertiser:

I regret very much to be obliged to defend a paragraph in your telegraph column of the first instant, relating to military appointments, in which my name was slan-derously mentioned. It is very strange if the War Office has no knowledge of me except that my name appears on its rolls as a Captain in a Maine Regiment—if it does not know of my al-most three years' subsequent service in the United States colored troops, in which I arose, by successive examinations before military boards, to the command of the oldest of the colored regiments—the First Louisiana N. G., or 73d United States Colored Troops—which com-mand I held for a year and a half. Your tele-gram abuses the "War Office."

I am an applicant from Maine for appointment in the regular army. I consulted the office of General Grant recently in reference to my prospects, and was informed that my army record entitled me to a field appointment, but that two names were already before the President for appointment to the places assigned for Maine applicants, one having been forwarded by General Grant and the others by outside parties. I was therefore advised to forward diect to the President some of my papers, which rect to the President some of my papers, which I declined to do, stating my unwillingness to to oppose the appointment of the gentlemen mentioned, and signifying my unwillingness to accept a captaincy, for which my name was entered accordingly.

Subsequently I was informed that one of the

Subsequently I was informed that one of the applicants mentioned above would not be appointed. I then enclosed some of my testimon'als in a brief note to the President, statir g that I was an applicant, and giving the infor-mation I had received from General Grant's headquarters. I said nothing about my politi-cal views. I am no politician. I never voted but once in my life, and that was at a town-meeting in Aroestook county. I only ask an meeting in Aroostook county. I only ask an appointment in the regular army, according to my military merits, which I am willing to it General Grant, the "War Offie" and the Pesident determine. I did not ask for any body's place, nor have I yet been appointed. I do ask that you will place this note before your readers, and hope the press of this State will be as ready to cony as they have been to cony be as ready to copy as they have been to copy the paragraph which it explains.

Your obedient servant, HENRY C. MERRIAM.

THE Ellsworth American, on copying some the favorable notices of the renomination

are from day to day lashed, and oxen goade drag their loads through the holes on t side of Free street; which reminds spectator that if justice were the order of day between man and beast, the former v is responsible for this condition of the street is the party, if either, to receive the blows.

Any reader, unacquainted with the fat who may think the above notice unduly vere, is invited to visit the ground before FREE STREET indges.

Recent Publications.

THE SECOND MRS. TILLOTSON. A Novel. Percy Fitzgerald. New York. Hilton. Company.

This is a reprint of a serial which origin appeared in All the Year Round. It is a s. of modern English society, as mainly seen an old cathedral city, the characteristics which are very well represented. Eome of minor characters of the tale are drawn witskill and faithfulness which give us a high ic of what this writer might do on occasion, in his present effort the inconsistencies of plot, and the disagreeable nature of the sco and incidents are so marked as to counterb ance in a great degree his merits in that spect, and detract largely from the reade pleasure in the book.

Received of and for sale by C. R. Chisho G. T. R. News Agent.

To Correspondents. The graceful con bution of E. E. D. H., we are compelled to cline for want of space at present.

A city subscriber of the name of Howe, co plains of the non-delivery of his paper by carrier, but as he has given us no address are unable to correct the omission. Ple send street and number.

SPECIAL NOTICES.

PERUVIAN ## 10 IS A PROTECTED SOLUTION OF THE PROTOXIDE OF IRON, A New Discovery in Medicine, which

STRIKES AT THE ROOT OF DISEAS By supplying the blood with its vital princips.

Interiorment—IRON.

This is the secret of the wonderful success of

Cast Start and S

SEPTEMBER 11, 1866.

Terms Eigh

e Election



INSWERS VERMONT

AND SENDS W.H.C.

to the President!!

DEMNATION

PECIAL NOT 1802S.

POLICY."

ORITY FOR

remody in curing.

Liver Complaint, Dropsy, Christs and Fe-

other towns merely hold their own, gives Chamberlain a majority of over 22,000; if they gain in the same proportion, we shall have a majority of nearly 30,000! The entire Congressional delegation is elected by majorities averaging about 4000. The State Senate is unanimously Republican. The 178 towns heard from have managed to send just six Copperhead Representatives to the Legislature. So much for a square fight on the plain issue which the Copperheads were obliging enough to make.

VOTE OF PORTLAND.

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Representatives Elected.

suberland County Complete,

Perkins		o mign
Phinsburg.		133
Richmond.		197
Tonsham.		113
West Bath	66	13
Woolwich.	136	65
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	WASHINGTON	COUNT
THE CHARTEST BEET	Annual Property of the Parket	444

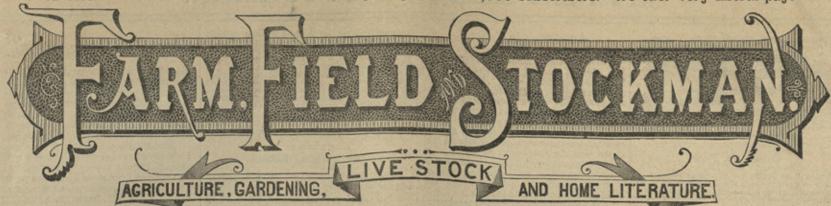
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Cherryfield		94
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Harrington	58	174
Lubec	196	163
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Millibridge	70	131
Madyborer	9	22
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FIRST CO

32-PAGE NUMBER. PART FIRST. Friends, help us get that 100,000 subscribers. We offer very liberal pay



Vol. IX. No. 51.

CHICAGO, NOVEMBER 20, 1886

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CHARLES H. HOWARD, EDITOR. JONATHAN PERIAM, Associate Editor. JAS. W. WILSON, BUSINESS MANAGER.

A RARE OPPORTUNITY.

If you wish to secure one or more of the many premiums offered in Part Second, and, with hundreds of others of our readers, help us in getting the 100,000 truly, subscribers, do not fail to show this number to one or two of your neighbors, or send us a postal for more sample copies.

A New Discovery.

[President J. A. Sewall, Colorado University,a practical scientist, formerly of Illinois, sends, at our request, the following statement concerning his discovery relating to "Hog Cholera." We have evidence from other scientific and trust-

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doing as a means of protecting the owners of hogs from being imposed on by fraudulent remedies that would certainly be sent out if I did not patent and personally protect the manufacturing of my remedy.

I propose to have the remedy placed within the reach of all who need it, and to have it sold at such a price that all who wish to have it can do so, and still be sure to have the pure article.

In due time, I trust through your col-umns to make known to those interested all further information they may desire. Until then I remain, very truly, J. A. SEWALL, M. D.

News and Comments.

—The Czar wants Prince Nicholas of Mingrelia—a Russian subject—placed on the Bulgarian throne.

Some 18,500 men struck at the Stock Yards. They lost in wages about \$425, 000. Was it good economy?

-The large Labor Union vote in New York has encouraged the Unions to try to organize a National movement.

—Japan is now nearly free from the terrible cholera plague. Tokio had 300 fatal cases a day at one time, and 20,000

says that one person buys the umbrella; the other six steal it from him and use it. In Chicago they borrow.

-A Russian engineer claims to have discovered a process of reducing petrole-um to the form of crystals, which may be easily and safely transported to any distance and then converted into liquid form.

—The question of a treaty between Canada and the Sandwich Islands is under consideration by the Dominion Government. They propose to make a connection by steamship with the Canadian

—The packers acted wisely in rescinding their resolution not to employ members of the Butchers' Association. It is not always good policy to do all that one has the power to do. Do not be overbearing, Messrs. Packers.

—For the last fiscal year the War Department expended \$17,676,468 and the Interior Department \$6,325,523 on account of Indian maintenance. It has long been known that it is more expension to a large the state of t sive to fight than to civilize the Indian,

-Two of the Milwaukee Anarchists were elected to the Legislature. It now looks as though their cases would reach a trial, and the two men have a more circumscribed forum than the Legisla-

A Farmers' League.

HURON, DAK., Nov. 12, 1886.

GEN. C. H. HOWARD, EDITOR, ETC.:
It is painfully apparent that farming in
America is liable to bring small profit.
It requires some head work as well as It requires some head work as well as hand work in order to prove a success. The farmer who looks at the present low price of cereals is impressed with the necessity for diversified farming. But the question arises, what shall he produce? If he turns his attention to one thing may not all do likewise, and this over-production force down the prices? "Raise flax" was the watchword all over Dakota. The acreage of this has multiplied, but the price has gone down, down,

down.

The question occurred to me, why could there not be a central bureau, not could there not be a central bureau, not to take crop reports as now, but to act as a sort of advisory board for all the farmers? Of course it would need not only a head centre, but reporters in States, counties and towns. At the present price of wheat, for example, this bureau might advise a total suspension for one season of the growth of wheat, and attention turned to other crops, according to the several localities. I know that this plan would be an



THE CYCLONE CORN SHELLER .- For Description See Page 808.

BOULDER, COL., Oct. 27, 1886. GEN. C. H. HOWARD, EDITOR, ETC.: Yours of the 23d, inquiring about remedy for hog cholera, etc., received, and in re-

ply would say:
With a good chemical laboratory, a su perior microscope, facilities provided by the University of Colorado, I have been making, for the last year, thorough and painstaking investigations of "Swine Plague," or as it is commonly called, "Hog Cholera," and besides confirming many of the results of investigations of earlier investigators, I have made important independent discoveries. While it has, for many years, been believed that the diseases grouped under the general term "hog cholera" were dependent upon bacteria [Baccilli (?).—ED.], still I believe my discoveries have enabled me to find, if not a specific for its cure, at least a specific preventive, and this I believe you will join with me in saying is more important than a cure, for if, by this remedy, the disease can finally be stamped out, we shall have attained a more important end than if we had simply found a cure for the sick

-Not powder but Powderly brought the Stock Yard strike to an end. The militia were there and kept their powder dry but happily had no occasion to use it.

—A j.-Gen. Vance says the Illinois Militia shall be kept on duty five weeks if necessary. The Third and Fourth may be sent to relieve the First and Second be sent to Regiments.

-The Flying Scud, a Glourester fishing vessel, has been seized at Halifax, N. S., for violation of the customs laws. Our fishermen think this sort of thing is getting tiresome.

The National Grange of the Patrons of Husbandry have just been in session at Philadelphia, with upwards of 600 delegates present. There was a large attendance of women

—The Law and Order League of La Crosse, Wis., caused the arrests of seventy violators of the Sunday law. Saloon-keepers closed during church hours, but opened in the afternoon.

-Eight millions of umbrellas are made in this country every year. Half a mill-ion are imported from France. This I have applied for a patent for this makes about one umbrella to every seven remedy, as I believe I am justified in persons. A New York paper naturally

-Miss Rose Cleveland, sister of the President, has written a letter saying that her connection with "the little Chi-cago magazine" was ended more than a month ago.

-The Prairie Farmer's corn exhibit at the Fat Stock Show was a success, but the Rural's much-advertised dairy show did not materialize; at least, all we could find of it was a butterine sign tacked onto their headquarters.

The man who supposes the farm la-borer is a menial knows but little. The respectable "farm hand" is one of the family, and the peer of any man who labors; and what productive industry is accomplished without labor?

—The mass meeting of the National Farmers' Alliance, held at Chicago during the Fat Stock Show, was a failure, not over three dozen farmers being present. If they had passed one more resolution changing their organization into a Branch of the NATIONAL CO OPERATIVE CLUB it would have been a wise move. The latter organization combines all the advantages of the Alliance, with the additional very great advantage afforded by its well managed and effective purchasing department.

worthy sources, and without any suggestion from Dr. Sewall, that the discovery is demonstrated to be one of great practical value.—Ed. Boulder, Col., Oct. 27, 1886.

Gen. C. H. Howard, Editor Erg.:

Mexico and establish a new Socialistic Republic, It is alleged that an army of 10,000 men is already organized for the purpose. This is organized folly.

Boulder, Col., Oct. 27, 1886.

—Not powder but Powderly brought ize Mexico and establish a new Socialistic Republic, It is alleged that an army of 10,000 men is already organized for the purpose. This is organized folly.

—Not powder but Powderly brought an advisory statement, to be sent to every farmer. With the present ease of inter-communication, it would not be difficult to get at the total cereal acreage of the globe. It would seem that these facts globe. It would seem that these races would be no more difficult to collect than the signal service data.

How much wheat is raised in all of the countries? How much is disposed of and price? How much is on hand and how much will be needed to be raised to bring the price up to living limits? same information ascertained as to corn, oats, barley, rye, etc., would gather a mass of facts, that, with a master-mind, could be made to benefit the most re-

The manufacturers in nearly all lines of trade form alliances so as to control production and so

KEEP UP PRICES.

Why should not farmers do the same? Your paper would be a good central medium to take hold of this matter. If the farmers of towns and counties would league themselves together, especially with reference to the local market, it would result in mutual profit. Take, for

(Concluded on page 809.)

803

very stiff soils the dynamometer has shown the standing coulter draft to be h-avier than if the furrow was lifted at is lifted, and the disintegrating (crushing) force of the plow. In ordinary soils, the plow usually runs with the least draft where a sharp, rolling coulter is used.

Effect of Manure on Soils.

The effect of manure on soils is various. The effect of manure on soils is various.
Long manure on sandy soils tends to make the land still more dry, and hence should only be applied to this kind of soil in a thoroughly rotted condition or better as compost. What sandy soils lack, as a rule, is humus, and compost or thoroughly rotted manure is in just the condition to kindly perform this office.

Selecting Oak limite.

The Wagon Maker has an excellent article on oak timber, from which we excerpt some interesting practical information, wherein it is held:

"In the selection of oak a great deal depends on a knowledge of the soil in which it has been grown, for we general-

condition to kindly perform this office.

Loams and clays, on the contrary, take up and hold manure indefinitely if not accepted by crops. If occupied by crops, it is given up, but all the constitutents of plant growth being present, the eating out of manure is not so quickly seen.

The reason why manure is more onickly.

gen upon any material liable to decay is what renders such material to a state by which it may be taken up by plants.

"Those trees which have been cut down to the Colorado desert, at an elevation of five thousand to ten t which it may be taken up by plants.

Hence, if the soil is clayey, long undigested manure will be indicated. It be selected, for in such the sap has betends to render such soils more light and porous. On sandy soils every means possible should be used to render the soil as compact as possible, while the naturally state of the timber about to be selected, firm clay soils require the greatest possible disintegration to render them the most productive. Yet there should shows itself. It is to a want of proper

Improvements in Dakota.

The bulletin of the Commissioner of Emigration, of Dakota, says an area of 143,-875 acres was covered by new filings at the land office, and 75,506 by cash entries. The flax crop for 1886 is estimated at 2, 500,000 bushels and the wheat crop at 28,

sioner says: "The second all-rail line of communication between North and South Dakota will be completed during October. The Chicago & Northwestern has built up the James River Valley to Oakes, the new future great', named in honor of the General Manager of the Northern Pacific, and the latter road will speedily reach the union depot of the two lines. The next through line will be the James River line of the Chicago, Milwaukee & St. Paul, now building from Ellendale, and hoped, for Jamestown. This company now operates the first road built between the two Dakotas, which was completed to Fargo about two years ago, and is now engaged on its third through line, to be built to Bismarck is under way, and with the numerous branches and extensions of the St. Paul, Minneapolis and Manitoba into Central and South Dakota, and other roads building up from the South, the facilities and conveniences of travel across the line of division will be still further increased."

The extraction is about perfect. Where we used to get about 40 per cent by our heavy crushers we now obtain at least 92 to 95 per cent of the total sugar in the cane. The power endly of the total sugar in the cane. The power endly of the total sugar in the cane. The power endly of the total sugar in the cane. The power endly of the total sugar in the cane. The power endly of the total sugar in the cane. The power endly of the total sugar in the cane. The power endly of the total sugar in the cane. The power endly of the total sugar in the cane. The power endly of the total sugar in the cane. The power endly of the two lines, the power required for running crushers of the same capacity, so there is a great saving of both sugar and steam.

We have found that sorghum cane diffuses very rapidly, so that we get practically a complete extraction in six or seven cells. The line of the Chicago, Milwaukee & St. Paul, now building about 100 pounds of pulce. To each tank full of juice we added. Next carbonite and south part and south part and south part and south part In relation to railways the Commissioner says: "The second all-rail line of communication to the Farmer says:

Agriculture in Yucatan.

United States Consul Thompson, writing from Yucatan, upon the farm implements used there says, "Hoes, shovels, picks, crowbars, and a kind of light axe are among the well known tools in ordinary use. The machete and corba are large, heavy knives of various shapes designed for general cutting work around the ha-cienda. In the hands of a native a ma-Which does it require the most pounds of power to draw through the ground, both to be of even depth: A plow without a coulter or a coulter without a plow?

Antigo, Wis. otherwise impenetrable jungles.

"The agricultural implement most com-

-This is one of those questions that | monly in the hands of the ordinary workcan only be settled with reference to the soil upon which it is tried. Upon some the handiest tree. He will choose a crooked stick in preference to a hoe. I have noticed the native laborers upon a Yucatan railroad toss aside the shovel the same time. As a rule the draft is in proportion to the weight of the furrow slice to be lifted, the height at which it staff shod with an iron point. This is plunged into the mixed earth and stones and then withdrawn, leaving a cavity into which the seed-corns are thrown. A movement of the naked foot covers the grain, and the planting is finished."

Selecting Oak Timber.

condition to kindly perform this office.

Many persons, perhaps a majority, suppose that manures leach down through sandy soils and are lost. If the soil is nearly a clear sand this effect will take place if some crop is not growing thereon. But crops on sandy soils, in the presence of manure, eat out manure very presence of manure, eat out manure very fast, and hence this apparent disappearance of manure is accounted for. It goes quickly into the crop if in a soluble atmosphere produces upon it in the situation in which it is grown, as it has been found that even the product of a few acres may vary in quality according to the position of the trees; thus, those

out of manure is not so quickly seen.

The reason why manure is more quickly the respective weights of each after have eaten out of sandy soils is that they are more porous than clay soils and hence more amenable to the action of the oxygen of the air, and this action of oxy-

always be a due relation to compactness nany soil to reach the best results. regard to the beams employed for sup-porting roofs, etc., breaking beneath

Diffusion Process at Fort Scott.

Prof. M. Swensen, of the Department of agriculture, in relation to the work on sorghum cane at Fort Scott, Kan., in the reduction of the cane to sugar, in a

Agricultural Notes.

-Put your best wheat in a separate bin for seed.

roots or grain for stock.

for raspberries and fruit trees.

-Do not cook good, sound, wholesome

-Sorghum bagasse makes a good mulch

-It is none too early to look over the

-Prof. Arnold believes that there is no

stables and chink up the cracks, nail down the warped battens and make ready

way in which fertilization can be so promoted as by dairy farming. Butter takes nothing from the soil that affects fertili-

less than the average for the last four years. The barley crop is represented by 19,656,000 bushels, or rather more than

-Returns from threshing in Michigan

up to September 25th, show an average

of 16.82 bushels of wheat per acre in the

southern four tiers of counties, and of 13.87 bushels per acre in the northern

counties. The figures indicate a total yield in the State of 26,594,513 bushels.

This month's returns show the average

yield of wheat per acre in the southern counties to be .59 of a bushel more, and in the northern counties 1.7 of a bushel

-Of the more than four hundred species of trees found in the United States, there

Scrofula

cured by the use of Aver's Sarsaparilla.

Entirely Cured

necessary to use any medicine whatever.

I am now in better health, and stronger,
than ever before.—O. A. Willard, 218
Tremont st., Boston, Mass.

I was troubled with Scrofulous Sores

Some months ago I was troubied with

Scrofulous Sores on my leg. The limb was badly swollen and inflamed, and the

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by all Druggists. Price \$1; six bottles, \$5.

for five years; but, after using a few bottles of Aver's Sarsaparilla, the sores healed, and I have now good health.— Elizabeth Warnock, 54 Appleton street,

Lowell, Mass.

the past four years' average.

1886 for the State.

lime are removed. It is again filtered through another set of presses, and then the juice is concentrated in the vacuum evaporators, where it is reduced to semi-syrup, and this goes to the strike pan, where it is boiled to grain.

Another experiment, which we are now making, is to see if the juice cannot be preserved for a long time, and if this process is successful, it will be of inestimable value, as we shall be able to lengthen our working season to almost any extent, and our more northern States, where the Early Amber grows to such perfection, may yet prove to be our great sugar-producing region.

and give new life and vigor to the entire body. "Hood's Sarsaparilla did me great good. I was tired out from overwork, and it toned me up." Mrs. G. E. Simmons, Cohoes, N. Y. "I suffered three years from blood poison. I took Hood's Sarsaparilla and think I am cured." MRS. M. J. DAVIS, Brockport, N. Y.

Purifies the Blood

Hood's Sarsaparilla is characterized by three peculiarities: 1st, the combination of remedial agents; 2d, the proportion; 3d, the process of securing the active medicinal ualities. The result is a medicine of unusual strength, effecting cures hitherto unknown. Send for book containing additional evidence.

zation in the way that wheat and other —The Canadian Agricultural Bureau reports the yield of winter wheat at 18,056,000 bushels, and of spring wheat 6,528,000 bushels, making a total of 24,584,000 bushels, or nearly 4,500,000 bushels

Hood's Sarsaparilla Sold by all druggists. \$1; six for \$5. Made only by C. I. HOOD & CO., Lowell, Mass. 100 Doses One Dollar.



ALTHOUSE VANELESS WINDMILLS, WAUPUN Grinding Mills, Tanks, Pumps, Etc.

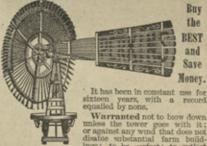
Best n the world. Write to ALTHOUSE, WHEELER & CO., Waupun, Wis.

lention the Farm, Field and Stockman.

more than reported in September. This is the final estimate of the wheat crop of Has no equal for are said to be sixteen species whose per-fectly of bod will sink in water. The heaviest of those he black ironwood of southern Florida, which is more than Mention the Farm, Field and Stockman

BUCHANAN WINDMILL CO., Is one of the most fatal scourges which afflict mankind. It is often inherited, but BEST MILL IN MARKET may be the result of improper vaccination, mercurial poisoning, uncleanliness, and various other causes. Chronic Sores, BUCHANAN Ulcers, Abscesses, Cancerous Humors, and, in some cases, Emaciation, and Consumption, result from a scrofulous condition of the blood. This disease can be I inherited a scrofulous condition of the Large bearings which blood, which caused a derangement of my whole system. After taking less than four bottles of Ayer's Sarsaparilla I am reduce wear. matic Governor. Write for Catalogue. Mention the Farm, Field and and, for the past year, have not found it

THE PERKINS WIND MILL



sores discharged large quantities of offen-sive matter. Every remedy failed, until I used Ayer's Sarsaparilla. By taking three bottles of this medicine the sores We make both Geared and Pumping Mills, Pumps, Tanks, and all Wind Mill Sannlies. Ann O'Brian, 158 Sullivan st., New York. send for Circular and prices, for we know we can Ayer's Sarsaparilla,

AGENTS WANTED. PERKINS WIND MILL & AX CO., - Mishawaka, Ind. Mention the Farm, Field and Stockman. Mention the Farm, Field and Stockman,

Hood's Sarsaparilla

Combines, in a manner peculiar to itself, the best blood-purifying and strengthening remedies of the vegetable kingdom. You will find medicines have failed. Try it now. It will purify your blood, ...gulate the digestion

"Hood's Sarsaparilla tones up my system, purifies my blood, sharpens my appetite, and seems to make me over." J. P. THOMPSON, Register of Deeds, Lowell, Mass. "Hood's Sarsaparilla beats all others, and s worth its weight in gold." I. BARRINGTON, 30 Bank Street, New York City.

were compelled to choose one variety it vould be La France. It is rather tender, intoxicate with delight our sense of

1886.

Hen Manure for Strawberries.

crude state. If ashes can be had at a reasonable price, then, for an acre, crush

down 300 pounds of hen manure with the same amount of ashes. If ashes cannot

be had use a like amount of gypsum (land

"Sweet Potato Blossoms."

It is well known that the sweet potato never blossoms in the open ground in the North and rarely in the South. In rela-tion to an article on this subject in the FARM, FIELD AND STOCKMAN, in which we called attention to the sweet potato as an excellent plant in green-houses, describing the bloom as being allied to others of the convolvulus or morning glory tribe, a valued correspondent, S. M. Townsend, Meridian, Miss., sends a branch and flower and says: "I see on page 739, October 23d issue, some one writing says 'sweet potatoes do not bloom in open air.' I send you a bloom gathered yesterday out of my patch, five acres, which I am housing now. Average yield will be about 150 bushels per acre. Wish you had a few to eat, as I think them most excellent food. You may correct in your next issue and say sweet potatoes do bloom from July last to October 25th in this (Meridian) latitude. No frost yet. "A Catillac is a reminder of an engine in this (Meridian) latitude. No frost yet. Wind is pleasantly cool, just enough to want a small fire in the morning."

lately advised its readers as to the ne-cessity of removing vegetables to the cellar to be kept in permanent pits for winter. To preserve vegetables intact during the winter, care must be taken that such buibs and tubers as germinate at a low temperature be kept at as low a temperature as possible. Onions, rutabagas, n the pits if they are not disturbed, until naturally thawed out without being admitted to the light and air. Beets, carrots and turnips should not freeze, but should be kept as near the freezing point as possible. Potatoes should not go below about 42° of temperature. If these "Muscat as applied to a that it has a musky flavor. "Passe apart from a suf conditions are observed, any bulbs and most anything, but in this particular contubers may be kept as safely in pits as in nection it indicates high quality; thus

To pit the first class keep them as cool passe-fin, excellent fine cloth as in Cot To pit the first class keep them as cool as possible. Cover but slightly until hard weather comes on, put no hay or straw in the bottom and sides of the pits, but cover with about eight inches of earth, and when this is well frozen add litter enough to keep from thawing if a soft spell comes. For the second class, beets, etc., protect the sides of the pit beets, etc., protect the sides of the pit with long straw, say about six inches thick, also the top of the pit. Over this lay about eight inches of earth well firmed down.

"Calebasse means like a calabash, or a gourd, or a bottle.

"Wardens are long-keeping cooking pears."

HORTICULTURE. have never known frost to reach the roots thus treated, or if so, the freezing was so

slight as to cause no injury.

In the case of potatoes when hard where the earliest radishes, peas, straw-How will hen manure do for strawberries? If good, how much should be used? Should strawberries be covered after the first winter?

Burrel, Pa. W. J. Burk. -Hen manure is excellent for straw-berries, but it should not be used in its

A Japan Magnolia.

Gardeners' Monthly in relation to a Japanese plant Cercidiphyllum Japonica, shown at the Centennial Exposition at Philadelphia, says: "It is a wood of a forcest tree that seemed hitherto."

My work, my garden or I."

—Prof. Geo. E. Morrow, Dean of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the Contennial Exposition at Philadelphia, says: "It is a wood of a forcest tree that seemed hitherto."

My work, my garden or I."

—Prof. Geo. E. Morrow, Dean of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of Agriculture, University of Illinois, kindly furnished to our exhibition of the College of tivate in slightly. When necessary to mulch at all on account of severe winters it is as valuable on a bed two years old as on a bed of the first season.

A Good Rose.

H. W. Ellwanger, one of the best authorities in American or roses, says not the least of the qualities we desire in a rose is fragrance; in this regard all class
The leaves are opposite, about the size of those of an apple tree, and turn to a bright purple in fall. So far as it has yet gone, it has not developed any faults, and for beauty it has few superiors, while it will, doubtless, in time obtain some reputation in American forestry."

Museum of the University at Champaign, Ill.

—Mr. C. W. Robinson states in the Rural New Yorker that he has effectually headed off the grape rot on his vineyard by picking off every grape as soon as it appeared to be so affected, and burying it away from the vines. He says, it is contagious, and spreads it in that way—a part of his vineyard being affected one year, a larger portion the next, until

A Premium Taker.

but it can be protected, and so winter safely. It does not always open well, but it is a simple matter to assist it; an operation not practicable with most variation that do not always open well, but it is a simple matter to assist it; an operation not practicable with most variation that do not always open well, but it is a simple matter to assist it; an operation not practicable with most variation that do not always open well, but it can be protected, and so winter about as well as young pansy plants winter about as sown about the same time. We do not care to cover them except lightly. This is done late in anything affect that the control of the part of t

Some Names of Pears.

pears, and as to some names as applied to

"Bergamot is a collective name for a distinct class of pears. A Bergamot pear takes its name from Bergamo, a town in Lombardy, where certain kinds of small pears were grown, and became famous

for their sweetness.

"A Besi pear is a founding, a wilding a thing without a history. Thus, Besi d'Hery was discovered in the forest of Héry, in Brittany. Besi de Quessoy was found in the forest of Quessoy in Britta-

"A Beurré pear is a buttery pear; therefore has, or should have, melting

"Fondant is the equivalent of Beurré, and should indicate a melting pear.

"Bon or Bonne might pass for good,
but it may mean large, unusual, extra

of punishment, 'parce que sa chair s' at-tache a la gorge de celui qui la mange

Protection of Vegetables.

The FARM, FIELD AND STOCKMAN has ately advised its readers as to the nealso for pears, the variety known as 'Col-mar' having been grown there for hunfrom the temporary pits just before the time of freezing up. The care of roots, etc., is no less important when they are to be best in possible of the thirty or forty sorts the Romans

were choice about.
"Delice, m., and Delices f., imply delightful, and it happens that all the pears having this prefix are good.
"Doyenne refers to the deanery, and

seems to imply that the pear having such ature as possible. Onions, rutabagas, parsnips and salsify may be frozen solid in the pits if they are not disturbed up. by saying the name was given to the pear known as Doyenné to indicate its freeze, but riceze, but périeure c'est la doyenné.
"Muscat as applied to a pear suggests

"Passe apart from a suffix means al-

Horticultural Notes.

The owner of a fruitful little garden weather ensues, cover all with six inches of littery manure. You will be pretty bernes and potatoes grow in plenty, and beautiful flowers abound, though the soil was pure and the location exposed, was asked: "How do you make so much of your little garden?" "I give my mornings to it." he answered, "and I don't know which is most benefited by my work my garden ov. I."

be had use a like amount of gypsum (land plaster). Then mix all intimately with a wagon load of dry muck or good loam and apply the whole broadcast over the bed, or if the strawberries are in rows bed, or if the strawberries are in rows and the control of the strawberries are in rows bed, or if the strawberries are in rows and the control of the strawberries are in rows bed, or if the strawberries are in rows and control of the control of the strawberries are in rows and control of the strawberries are in rows are strawberries are in rows and control of the strawberries are in rows and c apply to the cultivatable spaces and cultivate in slightly. When necessary to mulch at all on account of severe winters mulch at all on account of severe winters are in rows apply to the cultivatable spaces and cultivate in slightly. When necessary to mulch at all on account of severe winters beauty as an ornamental kind, and it promises to have a great popularity. It

> year, a larger portion the next, until finally the whole is ruined. The remedy is simple.

but it is a simple matter to assist it; an operation not practicable with most varieties that do not open perfectly. If La France does not develop well, by pressing gently with the finger the point of the bloom, and then blowing into the center, the flower will almost invariably expand, applied. On the whole, we think the use of glass is to be avoided as being liable to make drawn plants.

The Gardeners' Magazine (English) has been delving into the nomenclature of pears, and as to some names as applied to classes, says:

Col. Gascoigne, of Parlington Hall, near Leeds, England, has just made an experiment in mushroom growing. He planted life yards of manure, which was lying idle, with mushroom spawn, at a total expense, including the estimated value of the manure and the rent of the land, £52 From some unexplained cause, forty two yards of the manure beds failed to yield, but the crop from the remaining 122 and was sold for £106. Col. Gascoigne thus cleared a profit of £54, which is a little more than cent per cent. The price obtained for the mushrooms varied from the property 1 shilling 6, range, the property pence to 1 shilling 6 pence the pound, according to quality, but the average was about 8 pence. In Chicago good nuchrooms sell for fifty cents per pound.

Tobacco Planters and Vegetable Growers Use the Patent Plant Bed Muslin.

It has been found better than giass for Cold frame, and Hot Beds and costs only tenth as much. For Tobacco Beds it retails at 3 cts. per yard and is superior to plain cloth—doubly serviceable, don't shrink—and farmers say produces the best Tobacco Pinnts. Peter Henderson & Co., of New York hose who have used it. We also furnish Water proof sheeting for Wagon Covers. Hay Caps, and Stack Covers and all sizes and grades of Water-proof Henvy Duck Covers. Address

U. S. WATERPROOFING FIBRE CO.,
56 South St., New York City.



BERRY BOXES and BASKETS. A. W. WELLS & Co., St. Joseph, Mich , and G cenfield, Tenn.



OUR OFFER THE BEST

firmed down. At the approach of freezing weather, add another layer of straw and over this eight inches of earth. We reflect to enjoy perfect health. Hood's Sarsaparilla purifies the blood and strengthens the system.

—Pure blood is absolutely necessary in order to enjoy perfect health. Hood's Sarsaparilla purifies the blood and strengthens the system.

—Pure blood is absolutely necessary in order to enjoy perfect health. Hood's Sarsaparilla purifies the blood and strengthens the system.

—Mention the Farm, Field and Stockman.

DOUGLAS CO. NURSERIES. A nice lot of fruit and ornamental trees, being on rented ground, MUST be sold THIS YEAR. Try us before you buy. Agents wanted. Cash buys.

Box 290, Omahn. Neb.

Something Worth Having !

OUR NEW SEED CATALOGUE for 1887. In Garden, Field and Flower Seeds, New Seeds, New Warshouse. EVERYTHING NEW, Ready for FREE distribution early in heavyley.

ERIE BLACKBERRY.



J. T. LOVETT, Little Silver, N. J.

THE BROCK FLEXIBLE FENCE OU

THE STRONGEST, CHEAPEST FENCE KNOWN olutely harmless to man or beast, lest to construct, remove or repair.



The McMullen Woven Wire Fence Co. 158 and 160 W. Lake St., CHICAGO, ILL.

Brown's Fence Builder.

ecap and valuable FARM IMPLEMENT for silding picket fence on the posts when t is to remain. Heavy wire, and stre avy pickets used, easily operated by a cost of 30 cents a rod. Agents want

JOHN P. BROWN,

Rising Sun, Ind.

-SEDGWICK-STEEL WIRE FENCE totetetetet

theapest and easiest working all-fron automatic by solf-opening gate, and the neatest cleap fron fences now made. The best Wire Stretchers, Cutting Pilers and Post Augers, For prices and particulars ask Hardward Dealers,

SEDCWICK BROS., Richmond, Ind.

Cribs in the Feeding Lot.

There are far more cattle fattened in yards, feeding lots and in groves than in stables. This assertion will hold good for very many years in the United States, yet how many feeders have the best facilities for feeding? Have you racks for hay and boxes for corn? A majority have not! Why waste good fodder and grain by having it trampled into the ground, or so defiled that stock cannot eat it? No matter how plentiful fodder may be, or how cheap corn may be, if it will pay to raise and harvest it, it will

starvation. Many otherwise good farmers build a pen in the field where hogs

whatever the climate selected only per sonal examination should decide. 2

There is plenty of cheap land in Tennes are fed, and throw from thence the corn | see, in the hill region of the State. daily to the hogs, on the ground. It will pay to cover the crib, that the corn d es not become wet and then freeze. Frozen corn cannot be broken down by either the teeth of hogs or cattle, and hence tion to the condition of their hogs and much passes through the animals un-digested. The thawing out of grain in the stomachs of animals is not good policonvenient feeding racks and boxes.

Milk in a Cocoanut.

That is a nugget of news that, read reversely, as to its latter clause, will —Mr. Geo. come near the truth. It is far easier to procure good females of the bovine race an extra nice bunch of fat steers on exas breeders, than females of the genus | hibition at the Fat Stock Show. That is of them, and they are used only for breeding and beef; and a superior heifer is not likely to be made beef of so long er is not likely to be made beer of so long as she may be useful for milk and as a breeder of superior calves. But a superior filly is apt to be picked up for city use, and once "staved up" her usefulness as a breeder is nil. So far as the assertion that "the breeding of horses rests that the same general principles that the upon the same general principles that the breeding of cattle does" in a special

—At the sale sense it will hold good, yet even the merest tyro in breeding knows this. Nevertheless, outside of the fundamental principle breeders might differ essential y from our contemporary, that the breeding of horses rests upon the same general principles as does the breeding of cattle. The horse is bred for speed or draft. Cattle are bred for succulent beef. The succulent horse is not a good worker. Neither is the dry-fleshed, hard-muscled

Naturalized American Swine.

In addition to the articles on distinct-American breeds of swine in which the Poland-China, Chester White, Duroc Jersey and the Victorias of New York and of the West, were treated of, we give some characteristics of our naturalized

English breeds.

The Berkshires were originally more or less sandy, as introduced from England into the United States about fifty years ago, but have since been greatly improved. They are black, with white on feet, face, tip of tail and an occasional splash on arm or some part of the body. The face is short, fine, dished; ears almost erect, but inclining forward; back straight, body round, tail fine, legs short and set well apart, length medium, bone fine. They mature very early. Their flesh is well marbled and skin thin, and they have a large proportion of lean flesh to fat. Any white on the hog should be avoided.

The Small Yorkshire is a white breed. Their faces are very dishing, giving a rather snubbed-off expression; ears nearly redicted and stockman.

Simpson, may be fairly considered a him in this direction one sees Harvey's Frince of Turlington, the yearling with a weight of 1,500 pounds, both good handlers, with thick meat in the choice parts, and no lumpy fatness.

—The well known firm of Dillon Bros., Normal, Ill., met with their usual success in the ring of the Fat Stock Show. Heir sweepstakes Norman mare Modestry G. won first bremium in competition with six other fine horses, thus securing deep carried and stockman.

ROMPOUND FOOD proper—not ordinary of lenal—but exceptionally rich in digestible albuminoids, ois and valuable nutrients. UNE-QUALED FOR ALL KINNDS OF STOCK. To mix with corn feller, cast, hay, brane, chaff, straw, roots and enalizac keditional special prize of the Badger Feed Mill, show of themselves, and a breather should be add of new milk. Positively no scours. No stock owner sheeld be and of new milk. Positively no scours. No stock owner sheeld be and of new milk. Positively no scours. No stock owner sheeld be and of new milk. Positively no scours. No stock owner sheeld be and of new milk. Positively no scours. No stock owner sheeld be and made froe by a few full pri

erect, inclining forward. In general form they possess much genuine value, are very popular in England for their early maturity and are becoming more and more so here year by year.

The Suffolks are small white hogs, with very thin hair and fine pink skin. They are popular with amateurs and villagers. These swine are really modified York-shires. They mature early, fatten easily,

and make fine, delicate pork if killed at eight to ten months old.

The Essex, a blue-black hog, have many points of excellence, somewhat resembling the Yorkshire except in color.

They make fine, delicate pork if killed at eight to ten months old. They are popular in the Eastern States, and of late years have grown in favor in the West, for all those who admire a nedium-sized black hog.

Wants a Warmer Climate.

. I am growing cattle here, but we have to

pay to take care of it.

The same is especially true of hogs.
When fed on the ground about one-quarter of the grain is muddled or lost. The hog likes clean food; will not eat that not clean unless forced to; cattle and sheep will not, unless forced thereto by the properties of the grain is muddled or lost. The principal integer. Southeast Kansas is genial in climate. There are many superior locations in Southern Missouri. Whatever the climate selected only personal examination should decide. -1. We really cannot give an opinion

Stock Notes.

where they are kept?

-The sale by J. C. Huston & Son. of the stomachs of animals is not good poli-cy; neither is it good policy to throw feed of any kind on the ground. Fit up convenient feeding racks and boxes.

-Time Present, noticed by us a few weeks ago, died at the Fat Stock Show the evening of the 9th. A heavy loss to A rural city contemporary says: "The his owners, Messrs. Blair Bros. & Curry.

breeding of horses reses upon the same general principles that the breeding of cattle does, though, as a rule, it is more practicable to obtain good mares than it practicable to obtain good mares than it sometimes is to procure good cows."

—A fillion and a final of cattle as frozen meat are shipped to European markets from the Argentine Republic yearly. It is going to be an increasing integer which American stockmen must take

-Mr. Geo. E. Morrow, Professor of

—At the sale of horses belonging to the estate of the late Geo. Pickrell, Lanesville, Ill., the Clyde mares averaged disease. 1-lbcan, 25-cts., 5 lbs. \$1. 100 lbs. \$15. crealar. Manufred by L. A. RAVEN & Co., Ch. \$549, the Clyde stallions (weanlings and yearlings) averaged \$724, and the trotting stock \$165.83. The total was \$16.110. The averages show that Clydes are in demand as breeders.

Circular. Manufred by L. A. RAVEN & Co., Chicago Mention the Farm, Field and Stockman.

-The Walnut Valley herd of Poland-—The Walnut Valley herd of Poland-Chinas, as we saw them, have a particularly fine make-up. Not only is quality carefully looked after in breeding, but pedigree is as carefully scrutinized. That is what makes selling hogs. Their Bronze turkeys are fully as carefully bred. The address is Robt. A. Graham, Long Point, Ill. See his stock or write him.

Ill. See his stock or write him. -The Aberdeen-Angus two-year-old ullock, Sandy, which took sweepstakes at Kansas City Show, and second at Chi cago, for his owners, Messrs. Gudgell & Simpson, may be fairly considered a model of this breed. Ably supporting

Mr. Edward L. Wilson, of No. 1125 Chestn

Mr. Edward L. Wilson, of No. 1125 Chestnut street, Philadelphia, Pa., was photographer to the Centennial Exhibition at Philadelphia, and also to the recent International Cotton Exhibition at New Orleans. He is also widely known as a lecturer on Egypt, Sinai, and Palestine, which countries he filustrates to his andi nees by photographic views taken by himself in 1882. He writes as follows:

"I was several years ago so run down in physical condition that the insurance men would not take a risk on my life. I became so prostrated that I could not sleep more than an hour or two in the course of a night. I suffered with acute neuralgia, and with headache, which, when they came on suddenly, would render me powerless to think or act. I consulted Drs. Starkev & Palen and concluded to give their Treatment a thorough trial. In less than a month I becan to feel a great change, and it was not long until I was as good as new. I have since engaged in my old duties with more than my former activity, and my work seldom tires me."

A monograph on neuralgia, published by Drs. STARKEY & PALEN (whose Compound Oxygen Treatment has been so successful that they have received hundreds of letters from patients who report cures of neuralgia and headache). will be furnished free to all who ask it by mail or personally at their new offices, No. 1529 Arch street, Philadelphia.

BUNDALLS BUNNER

Butler, in d.

Importer and Dealer in Chiperbilles, Extended that I was not long until I was as good as new. I have since engaged in my old duties with more than my former activity, and my work seldom tires me."

Stock cheerfully shown to visitors. Prices low and terms casy.

Mention the Farm, Field and Stockman

BOWLES & HADDEN,

Janesville, Wis.,

Importers and Balenter.

Importers and Balenter.

Stock cheerfully shown to visitors. Prices low and terms casy.

Mention the Farm, Field and Stockman

CLYDESDALE ENGLISH SHIRE HORSES.



GALBRAITH BROS., Janesville, Wis. Mention the Farm, Field and Stockmon

FOR SALE.

100 ESSEX PIGS. Of the very best. 12 Roadster Stallions, Hambletonians and Clays.

> 15 Roadster Fillies. Hambletonians and Clays.

20 Short-horn Bulls and Heifers. Holstein & Devon Cattle. 200 Wyandotte Chickens, FINE ONES.

W. J. NEELY, Ottawa, Ill. Hention the Farm, Field and Stockman.

ED HODGSON.

Percheron Norman



MOST EXTENSIVE PURE-BRED LIVE STOCK



Clydesdale Horses, Percheron-Norman Rorses, FRENCH COACHES AND CLEVELAND BAYS. English Draft Horses, TROTTING-BRED ROADSTERS,

POWELL BROS, pringhoro. Crawford Co., Pa. rm, Field and Stockman.

DOOR VILLAGE (La Porte Co.), IND.

IMPORTERS AND BREEDERS OF Clydesdale and Cleveland Bay HORSES.



Always Mention the Farm, Field and Stockman.



1886.

pounds) for it, and yet as a feed for cows it is worth 20 cents a hundred when but-ter is worth 20 cents a pound. For calves, if fed sweet, it is worth from 25 to 30 cents a hundred." Indeed, we might add that the skim milk contains all there is in the milk except the fat, and this latter is easily supplied by Indian corn or other

For animals that consume meat, including the human family, there is the best of authority for claiming that the same amount of subsistence may be obthan that containing all the cream. we would, therefore, join in Mr. Hoard's plea for saving and using it while it is sweet. It is valuable for all the stock, cold, the difficulty is probably congoined. It will probably outgrow the difficulty, but will be will probably outgrow the difficulty, but will be the stock.

Wisconsin Dairymen.

next annual meeting. This will occur at pint. Repeat when needed. Sparta, February 2d to 4th inclusive.

The program, as arranged by the Board, will include addresses and papers by Hon. Hiram Smith, Sheboygan Falls; S. Faville, Delavan; W. D. Hoard, Fort At-Beach, Whitewater; Prof. W. A. Henry Madison; John Gould, Ohio; Mrs. E. S. Robertson, Viroqua; Mrs. W. E. Bush, Sparta; H. C. Adams, Madison; W. E. We Most Cheaply Fertilize Our Soil? Economic Arrangement of Dairy Buildings, "Ensilage as a Factor of the Dairy Treatment of Sandy Soils for Dairying "Relation of Nervous Energy to Milk and Butter Production," "How Milk is Made," and "How to Make Gilt-Edged Butter from a Small Dairy."

Air-Tight Butter Packages.

air. By this we do not mean that it should be packed in sealed packages. But the tub should be thoroughly soaked in strong brine—this as preliminary. The packing of the butter is essential. It should be pressed down, and enough force (direct pressure) used at the sides to thoroughly exclude the air. Fill the tub to within an inch of the top. Cover the cloth, after pressing down close onto the butter, with at least half an inch of pure salt; pour on clean water to saturate it. Place the packages in a situation where the temperature will never reach 50°—the lower the better. Keep and the brand once known will sell for the whole formula to destroy the worms that the highest price in the market.

FARM, FIELD AND STOCKMAN.

-An Oregon subscriber asks where milking tubes may be had for cows. Pilling's patent coin-silver milking tubes will fill the bill, for sore and obstructed teats and hard-milking cows. His address is 101 Section s 101 South Tenth street, Philadelphia. Pa. They may be sent by mail.

-Mr. Earnest Dunlap, Champaign, Ill., Assistant Superintendent of the real dairy department at the Fat Stock Show, Not seldom we find an excellent practical hint in Hoard's Dairyman. Under the above head the editor says he is convinced that not one farmer in a thousanding the value of skin was a complete exhibits of agricultural products he had ever seen. As a long-time exhibitor and premium-taker, he knows.

—If dairymen is the sale of the most complete exhibits of agricultural products he had ever seen. As a long-time exhibitor and premium-taker, he knows.

has yet come any where near understanding the value of skim milk and supports odors, they will do well to try the follow-"Sweet skim milk absolutely contains twice the nutriment of sour milk, yet not one farmer in a thousand will spend a cent in money or time to secure and keep of a milk stool, so as to expose it fully the milk sweet to feed his animals. As additional proof of what we are saying, the creameries of the Elgin Butter Co., last summer, were pouring 28,000 pounds a day, of separator skim milk on the area of the stable, behind and close to the cow. If the day is close and heavy and the milk is cold, and the stable not cleaned out and aired, the result will be surprising. Take it to the house or area of the stable and try ground, because the patrons were absolutely so ignorant of its feeding value as to refuse to pay 7 cents a can (sixty-four

VETERINARY.

Rupture of the Diaphram, Stomach tained five times cheaper in skim milk than in meat. Those families are acting turned upper lip, might have been disgnosed on good economic as well as hygienic as enteritis, or colic, but the retching is a well principles, who give their children plenty | defined symptom of rupture. It is only a que f milk. And often skim milk is healthier | tion of time when death will set in. It some-

haustive work. Bathe the muscles of the thigh At the meeting of the Executive Board of the Wisconsin Dairymen's Association, held at the Plankington House, Mil-tincture of arnica and of liquor ammonia, 1 waukee, arrangements were made for the | ounce tincture of opium, with water to make a

Pleuro-Pneumonia. - S. C., Van Wert, Ohio: If you will turn to the issue of Oct. 2, page 693, you will find the full scientific pos mortem appearance. In the issue of Sept. 11 page 540, the outward symptoms are fully given. As to compensation for animals con demned, State laws vary. The Government of the United States, when animals are killed under the supervision of the officers of the Na Sparta; H. C. Adams, Madison; W. E. Allen, Beaver Dam; and J. A. Smith, Cedarburg. The subjects to be discussed are: "How to Feed for Milk," "How to Breed for Milk," "Pastures for the Dairy—How to Treat Them," "Clover as a Fertilizer and Dairy Food," "Manurial Value of the Different Feed Stuffs," "How Shall Wa Most Cheaply Fortilize One Scilen Rising of the Lights in Hogs .-- M. T.,

Cedar Rapids, Iowa: The trouble und is cold, sometimes called rising of the lights Keep the animal quiet and warm and rub a preparation of mustard and strong vinegar on the chest. Feed liberally with easily digest ible food, and if the cold does not yield rapidly, place a tablespoonful of tar well back on the tongue with a paddle. Inflammation of the lungs (pneumonia) may set in. If so, keep the preparation of mustard to the chest and mix 2 You cannot keep butter sweet and drachms each of bi-sulphate of soda and of fresh unless it is excluded from the nitrate of potash in a pint of gruel and if the air. By this we do not mean that it animal will not eat turn it down from a horn

may have hatched from the nits remaining.



Creamery and Cheese Factory APPARATUS AND SUPPLIES.

Centrifugal Machines, Patent Gang Presses, Boilers and Engines, Rennet Extract, Rennet Tablets, Arnattoine. Scamless Bandage, Celebrated "B. & W." Ensilage or Fodder Corn.

BURRELL & WHITMAN, Little Falls, N. Y.

THE GRAND RAPIDS HERD. Holstein-Friesians



About 100 head of both sexes and all ages. See Bulls Ready for Service,

Up to two years old. Choice Cows and Heifers brea t Prins Midlum and Jonge Carre, POLAND-CHINA Who have no superiors. A specialty of young pairs no akin for foundation stock. Every Head Registered and for the communication of the

S. H. WILSON, Pleasant Grove, Des Moines S. Co., Iowa, Breeder of Poland-China Hoga, Al stock registered in the A. P. C. Record.

E. PALMER, Springfield, Wis. Breeder of Chester White Swine. Recorded in N. C. W. Record. Choice stock at fair prices. Order early. VICTORIA SWINE.-We originated this fam M. HEBBLETHWAITE, Berlinville, Erie Co., C

C. W. STONER, La Place, III. Breeder of Recorded and Prize-Winning Duroc-Jersey Swine. Pigs for sale at all times, as well as Sows in farrow, and Room read for sale times.

OAK WOOD BERKSHIRE HERD, Geo. W. Penney, Newark, O. Importer and breeder of largest and choicest strains of Berkshire Hogs. All stock registered. Catalogues free. All ages for sale.

THE LAKE FOREST HERD Polled Aberdeen-Angus Cattle





DIGS OF TAMWORTH, JERSEY RED,

Walnut Valley Poultry Yards. MAMMOTH



ROBT. A. GRAHAM LONG POINT, ILL. LEVI ARNOLD.

Prop'r RIVERSIDE STOCK FARM, Plainwell, Mich.



Mention the Farm, Field and Stockman



THE CELEBRATED SCOTCH THE BEST AND MOST CERTAIN REMEDY FOR HORSE

AILMENTS IN THE WORLD.

reach 50°—the lower the better. Keep the butter at this temperature until sold, and if carefully and cleanly made, it will satisfy the taste of the most fastidious, and if carefully and cleanly made it will satisfy the taste of the most fastidious, and if carefully and cleanly made it will satisfy the taste of the most fastidious, and if carefully and cleanly made, it will satisfy the taste of the most fastidious, and if carefully and cleanly made, it will satisfy the taste of the most fastidious, and if carefully and cleanly made, it will inseed oil. At the end of twenty days repeat the wonderful virtues of this great beginning to the wonderful virtues of this great beginning as to the wonderful virtues of this great beginning to the wonderful virtues of the wonderful v

JOHN LAURIE, Waverly Temperance Coffee House, Clark and Lake Sts., Chicago

White Holland Turkeys.

The question is frequently asked in the agricultural and poultry papers, "What are the size, color, and general qualities of the White Holland turkey?" I never have seen the questions answered. For the benefit of the readers of the FARM, FIELD AND STOCKMAN I will give a brief description of their general characteristics. As their name implies they have a beautiful, snow-white plumage this was only to be secured by following the plans recommended in the books, very often found impossible in practice. The result has been most disastrous. Many persons have been induced to launch heavily into poultry farming, spending large sums on houses, fencing, etc., and, having no previous experience, have found the whole a delusion and a snare. Those who by false statements deceive others deserve more than ordinary to the plans recommended in the books, very often found impossible in practice. The result has been most disastrous. Many persons have been induced to launch heavily into poultry farming, spending large sums on houses, fencing, and the plans recommended in the books, very often found impossible in practice. The result has been most disastrous. Many persons have been induced to launch heavily into poultry farming, spending large sums on houses, fencing and the plans recommended in the books, very often found impossible in practice. The result has been most disastrous. acteristics. As their name implies they have a beautiful, snow-white plumage and in size they fill a place between the Mammoth Bronze and the common turkey, being larger than the most of the so-called Bronze, and are highly prized and esteemed in Holland as well as in the United States. United States.

The young are very hardy and easily raised, maturing early, obtaining their full size the first season. The female turkey is prolific, laying about twice as many eggs as the common turkey, often laying in the fall, not usual to any other laying in the fall, not usual to any other breed. The hens are excellent mothers, hen by placing a hot glass egg in the quiet in disposition and not wild nor in-clined to ramble like the Bronze and other varieties. As to table qualities their flesh fairly surpasses all other varieties and they have been justly styled the king of table fowls.

How Poultry Pan Out.

Mr. E. Alfred Jackson, a valued corres- strength. pondent in Oregon, sends the FARM, FIELD AND STOCKMAN the following ex-perience as to profit on his fowls:

POULTRY, DR.	
To 53 chickens at 25 cts.	. \$13.2
To 750 lbs, bran and shorts	4.7
A O 303 10%, CIRCROST WINNEL.	20.00
To 34 ½ bu. lonts. To 13 ½ bu. wheat.	. II.90
To 13 2 Da. wheat	9.50
TO I DUL DOUBLOOS	.75
To 3 bu, sunflower seed	3,00
Tota	\$46,98
CR.	
By 217 dozen eggs at 15 cts.	\$32,55
By 2 dozen hens sold	5,50
By 2 dozen young chickens sold	6.00
By 130 chickens on hand, at 25 cts	32,50
By amount feed on hand	14,20
	11100
	\$90,75
Deduct debit	46,98
Leaves a balance of	0.12.22
A	-019-11

Keep Poultry at Home.

Mr. Stephen Beale, an English author-

broken when once acquired.

Oil is fatal to every insect which touches it, and ulphur is very offensive to them. A mixture of four ounces of lard and one of sulphur well rubbed together, and with the addition of one one has a right to do so at the expense of the comfort or health of others. And as soon as it is found that they become a nuisance in any way, then the law at once steps in and says that this must not be, nor is it fair to expect that it should be so. Poultry keeping in towns is a luxury, and even if the law permits the carrying on of a business though it is annoying to neighbors, it does not go so far as to defend luxuries in this way. Therefore we may only keep fowls so Therefore we may only keep fowls so long as our doing so does not intrude upon the comfort or rights of our neighors, and if it can be proved that by our doing so either one or the other is in-fringed, then if they like to defend themdoing so either one or the other is in-fringed, then if they like to defend them-selves, they can compel us to put a stop to what is a nuisance to them. In a country district this would be somewhat difficult to do, but in a town both reason and truth can soon be worked upon, and

Imposition and Poultry Raising.

It seems the craze for keeping poultry together in large numbers, as advocated by a class of theoretical book writers, has been as rife in Great Britian as here. The place to raise poultry is on the farm, but nevertheless it may be undertaken by any one of experience, if separate runs are provided for each fifty to 100 fowls, are provided for each fifty to 100 fowls, and the houses are kept smoker, and it is ready for business. The It seems the craze for keeping poultry and these runs and the houses are kept smoker, and it is ready for business. The

"The age of imposition has by no means passed away, as has been abundantly proved of late, but it is really surprising to find what foolish ideas there "Doctors," and planer shavings for fuel. re abroad with respect to poultry facming, largely due to some pamphlets and books written by those who evidently do not know what they are writing about. These in a plausible way have promised eggs at a cost which, sold at ordinary prices, would leave several hundred per cent profit to the producer. Of course this was only to be secured by following

Poultry Notes.

-Petroleum, it is said, will often cure chicken cholera if given in time.

nest.

-Be sure that the ground floor in the poultry house is enough higher than the surrounding ground to keep it perfectly dry. Damp floors are very productive of

-Evryone wants to breed premium birds, whether he ever exhibits or not. The one who raises blooded stock of any kind aims at the best; else why does he go into fancy breeding? One of the first rules to be observed by one who would succeed in breeding fine stock is, buy good stock to start with.

—Cats are one of the pigeon breeder's corst foes as well as one of his best riends. If you can obtain one that will out molest your pigeons, it is priceless.

Will do the work they understand so well and store sweet nectar in each vacant cell Sumoothing and polishing the surface all With that small trowel we a dagger call, But which by them employed so m chis In giving honey-comb its final touches. worst foes as well as one of his best friends. If you can obtain one that will not molest your pigeons, it is priceless. But alas, like true friends, they are "few

A Bee Docter.

shavings, and they take fire very slowly; but put them to one side in such a manner that the bottom is about half covered with shavings. Light a match and the state of swarms will succeed in almost any ber of swarms will succeed in almost any locality, and that here keening can be several cases show that the law is as we with shavings. Light a match, and care-locality, and that bee keeping can be fully set it on end upon the bottom of made a very profitable and healthful exthe smoker, leaning it against the shavings. As the shavings take fire, work the bellows very slowly and steadily. As the fire increases, slowly incline the smoker and sunshine a great portion of the time.

ed to hold it. When well started the fire in the "Doctor" has never gone out until it burned out, and brother and I have taken solid comfort this season with our

Wintering Bees.

Mr. Geo. A. Stockwell, Providence, R. I., in Country Gentleman, gives his ex-perience in wintering bees, from which we extract the following:

We extract the following:

There is no problem about it; all that is required is a grain of knowledge and a pound of common sense. If a colony of bees have abundant stores, the "problem" is settled practically. It does not matter very much wiat the hive is, if it be as good as a tight box. It is in the interest of many persons to extol the merits of the chaff hives. It is not doubted that a chaff hive is a good hive for summer or winter, although it may be a question whether it is better with or without the chaff. Many bee-keepers, if they used double-wall hives, would leave out the chaff altogether.

if they used double-wall hives, would leave out the chaff altogether.

First, the colony should have twenty or twenty-five pounds of honey. It may winter on less, but if the winter is irregular, more will be consumed than in a steady run of cold weather. Six frames are enough to winter on. If the hive has ten frames, take out the two outside ones, and put in an inch board, cut larger than a frame, to fit snug. Place enameled cloth over the frames. If this be done early enough, the bees will build brace combs under the cloth, thereby lifting it up, and allowing passage-way over the frames and under the cloth. If it is done late in the season, pieces of lath, or similar

disease.

—Small chickens should never be kept or fed with old ones; they are apt to be injured. Have two or three yards and separate them according to age and strength.

—Over £2,000 in prizes are offered for poultry, pigeons and rabbits at the Great National Poultry, Pigeon and Rabbit Show in the Crystal Palace, London, which is to be held this month.

With sawdust, chaff or leaves.

Top ventilation is not required, and top pack in give the part of the hive, of course, is in the open air on the summer stand on the north and west there should be a break with sawdust, chaff or leaves.

Top ventilation is not required, and top pack in give the only packing required. The hive, of course, is in the open air on the summer stand on the north and west there should be a break with and the pives may be piled leaves, weeds or hay. Bee-keepers diffe as to the entrances have been, every winter left wide open, and the result out of the writer's as to the entrances have been, every winter the wide open, and the result out of the writer's as to the entrances have been, every winter as to the entrances have been, every winter as to the entrances have been, every winter as to the entrances in winter, but in the writer's as to the entrances have been, every winter as to the entrances in winter quited. The hive, of course, is in the open air on the summer stand on the north and west there should be a break with a summer stand on the north and west there should be a break with a summer stand on the open air on the summer stand on the o

Bee Buzzings.

-Upon hypernation, Rev. W. F. Clark poetizes as follows:

and now, the season's cycle is complete The summer hours march on, with nimble f soon once again the welcome time will come when honey-gathering bees, with cheerful hi Will do the work they understand so well,

But alas, like true friends, they are "lew and far between." A cat that has caught one pigeon might as well be killed at once, as it is a habit that can never be broken when once acquired.

"So much is and touches is good.

—It is suggested that the lack of water during long confinement has been accredited with due consideration as a prime cause of the frequent severe losses in

sugar dissolved in water is the best article A Bee Docter.

Mr. W. Z. Hutchinson, in Gleanings in Bee Culture, thus discusses on this subject:

Put a small handful of the purpose. The sources from which bees collect honey are various. Almost every vine, tree, shrub, flower, etc., in field, forest, or garden, yields honey, and in the South, the home of the

WASEPI POULTRY YARDS. A large lot of choice young PLYMOUTH ROCK Cockerels for sale at low figures. R. C. BARNARD, Wasepi, Mich.

ORDER EGGS EARLY. E. B. Turkey, \$2.50 per doz. B. and W. Leghoun, P. Rock, L. Brahma, Pekin Duck, \$i a doz. Wyandotte, Langshan, Pitkin P. Rock, S. S. Hamburg, \$1.50 a doz. Mzs. A. W. Lehmann, Neosho, Dodge Co., Wis.

Mammoth Bronze Turkeys

illustrated catalogue, telling all about them.

J. R. BRABAZON, Prop., Delavan, Wis.

Mention the Farm, Field and Stockman.

YOU CAN GET BARGAINS

In Choice Fowls of all the Leading Varieti Bronze Turkeys, Ducks, Geese, and 15 Varieties of Standard Fowl.





Send for catalogue.

THE WELLS RUSTLESS IRON CO.:

E 2 CLIFF STREET, NEW YORK BRAMAN, DOW & Co., Boston, Ag'ts for New Eng Mention the Farm, Fiela and Stockman.



The BUYERS' GUIDE is issued Sept. and March, each year. 23 312 pages, 8% x11½ inches, with over 3,500 illustrations—a whole Picture Gallery. Picture Gallery. GIVES Wholesale Price direct to consumers on all goods for personal or family use. Tells how to order, and gives exact cost of everything you use, eat, drink, wear, or have fun with. These INVALUABLE BOOKS contain information gleaned from the markets of the world. We will mail a copy FREE to any address upon receipt of 10 cts. to defray expense of mailing. Let us hear from you. Respectfully, hing you use, eat, dri

MONTGOMERY WARD & CO. 227 & 229 Wabash Avenue Chicago, Ill-

SHERIDAN'S I

and these runs and the houses are kept perfectly clean, and the runs changed from time to time and cultivated. In relation to this matter in Great Britain, a before there are sufficient shavings light.

Smoker, and it is ready for business. The trouble in lighting is adding too many shavings at first, thus smothering the fire by mail for 23 the first before there are sufficient shavings light.

FARM, FIELD AND STOCKMAN.

Letters and Answers.

1886.

THE CO-OPERATIVE CLUB.

Number of Orders.-Where From .-Kinds of Goods, etc.

Every mail is now well laden with orders for the NATIONAL CO-OPERATIVE CLUB. We see no evidence of hard times, unless it be in the fact that our subscribers are all taking advantage of the low prices at which the CLUB serves them, thus to save their money. The Co-OPER-ATIVE CLUB mail is increasing every week.

The letters, during the past month, have come from Alabama, North Carolina, Tennessee, New York, Ohio, Michigan, Wisconsin. Minnesota, Trodiana Illinois Nebraska Kansas. It is included in our exhibit at the Missouri and other States. Since the CLUB began to purchase for our subscribers we have had orders from every State in the Union, including and some even from New England.

clothing for men, women and children. It has, the summer tons of binder twine were sent out. Staple groceries are among the most prominent

the satisfaction given to the patrons of the wood, La. CLUB, like the following, just received:

THE NATIONAL CO-OPERATIVE CLUB:--Re- New York. 2. He is. 3. We think so. ceived goods all in good order, and are well Foster Rotary Plow .- Please send me ter

through the NATIONAL CO-OPERATIVE CLUB monsters. Do you know anything about the some time ago, consisting of one barrel prime Foster Rotary Plow, manufactured at Pacific white kerosene oil, groceries and dry-goods. also two ladies' hats, came to hand all O. K. The oil is very good. We were pleased with hats and dress goods—in fact with all. Think we have saved considerable on the order.-T. H.,

friend sends us some of the pictures and adver- | can tell me where the eggs can be gotten, and if tisements of the "Foreign Art and Loan Ex- it is possible to send eggs, for hatching, by exchange" and asks us to expose them, if a hum- press for any great distance? By answering the bug. We have many times cautioned our readers to have nothing to do with them.

Unreliable Firms. -Are the following firms reliable? 1. The Craigie Capsule Co., 35 Nassau street, New York. 2. German Electric Belt Agency, 329 Livingston street, Brooklyn, N. Y. 3. The Foreign Art and Loan Exchange, Cincinnati, Ohio. Is their Art Portfolio really a work of art? Is it worth the money they ask

-1. We do not recommend them. 2. We are unacquainted with this firm but have forwarded an inquiry to New York to ascertain their standing. Why not buy this class of goods of the Chicago Magnetic Shield Co? We know they are reliable. 3. It is not. The loans they offer are never made. We cannot recommend this so-called art. Let them severely alone.

Our Carrots and Bects .- I have much pleasure in acknowledging the seeds I received. They are all that can be desired. The carrots and beets never had their equal. Is the British American Claim Agency, New York, reliable? I will try and get you some new subscribers soon. Please send a few numbers of your paper.—Mrs. R., Rossville, Ill.

-We do not recommend the Claim Agency. the FARM, FIELD AND STOCKMAN quite a while the FARM, FIELD AND STOCKMAN quite a while such margins and such business methods. We would prefer for ourselves some substantial and like it very much. 1. Will you please inform me if the Real Pen-Work Publishing Co., of Detroit, Mich., are reliable? Also, 2, H. A. Ells lished character, like the New England Mutual. & Co., 161 La Salle street, Chicago?—A. C. S., Paper for Everybody.—You are engaged

Will answer further when facts are obtained, other purpose than to warn them against hum-

A Good Suggestion from Georgia.

Please inform me through your paper if A. Coulter & Co., Chicago, are reliable? Also are W. Hill & Co., 100 West Madison street, re
Mich. sponsible? and is Robert Ore, New York, O. K.? -As several times stated, we cannot rec safe to send any of them money? I wish in paper towns. you much success and hope you will get your Lynn & Co.—Our Seeds, etc.—Received Always Mention the Farm, Field and Stockman.

scriber exhibit his premium seed list as soon as he receives it, and explain to his friends how ums sent, especially the free seed distribution. much they can get for \$1.50. -N. L. Graham. As we shall have to have seeds again, will renew

These all deal in cheap watches and jewelry.

We know nothing against them. The Eastern do all he can to help secure that 100,000 subscribers. Is I. Lynn & Co., New York, firms are under investigation by our Detective reliable?-Mary Lillpop, Shawnee Mound.

Finch's Early Perfection .- I take the liberty of sending you by express, charges paid, Deitz Long Berry Wheat.-In addition a box containing a sample of my new potato,
"Finch's Early Perfection," and would be
"White Crested Yellow Gourd" seed corn, "Early

Fat Stock Show.

part?" I answer, not while you publish so good the World's Fair in London next year. I think large orders from California, Oregon, Virginia, a paper, and are so honest, kind and liberal. I have the two best kinds of wheat in the world, shall renew my subscription before my time ex- nearly seventy pounds per bushel. The world At this season the CLUB is making extensive pires and hope to add a few more names to your cannot beat it. - Geo. A. Deitz, Chambersburg, purchases of dry-goods, underwear, shoes, and annual subscribers. I will send you a report of Pa. the potatoes I received of you as premiums. Is -We have a sample of this wheat at our exwithin a short time, sent out scales, wringers, the Crown Needle and Comb Co., New York washers and other household goods. During the Crown Needle and Comb Co., New York hibit at the Fat Stock Show. It will be included in our Free Seed Distribution. The corn did

-We advise cantion

articles bought for our patrons. The CLUB | Rip Van Winkle.-Craig's Teachers' makes a good saving for purchasers on harness, Questien Book.-Will you please answer the barbed-wire, stoves, watches, jewelry, books, following questions in the FARM, FIELD AND musical goods-in short, almost anything not STOCEMAN? 1. Where can I get a copy of Irvusually shipped in car-load lots. It has an "in- ing's Rip Van Winkle? 2. Is A. H. Craig, who side track" on silver-plated ware of good qual- advertised School Teachers' Question Book, in your paper of January 9th, reliable? 3. Is his From time to time we publish letters showing | book as good as he represents it?--J. V., Long-

-- 1. Alden Book Company, 293 Pearl street

pleased with them; could not fit better if we copies of the FARM, FIELD AND STOCKMAN for had tried them on; fit to a hair. The cloak fits | distribution amongst my neighbors. I think I very nicely, and we are well pleased with color. | can get some of them to subscribe for it. The W. H. COOPER. | seeds that you sent me last spring produced Saved Considerable. - The goods I ordered excellent crops. The (Chili) squashes were Junction, Ill.? Please let me know through the

-This plow is not a success.

White Holland Turkeys .- Having read n your poultry column a short sketch on th E. J. Hicks, Abilene, Texas. - This White Holland turkey, I would be pleased if you same you will oblige a well-satisfied subscrib to your excellent paper. - H. V. A., Mesa Frand, California.

You will find the advertisement of one or mor reeders of White Holland turkeys in our advertising columns, of whom you could probably procure eggs. They can be shipped safely.

Florida Land .- I would like to have you answer the following questions in Letters and Answers. 1. Is the St. Andrews Bay Railroad and Land Company reliable? 2. Are their land in Florida tillable, or is it swamp land good for nothing?-R. E. S., Oberlin, Kan.

-1. We cannot recommend the concern, as we have before stated in these columns. 2. We know of no good land for oranges which can be bought for less than \$20 to \$40 per acre. All the town-lot schemes should be avoided In general never buy land without seeing it or having a friend see it for you.

Mutual Lite Benefit Association. Please inform me through your paper whether the Bloomington Mutual Life Benefit Association is reliable, and oblige a subscriber .- W. W. -We cannot recommend the association. It

has only \$17,000 capital. There cannot be abwould prefer for ourselves some substantial company, with adequate capital and an estab-

in a good work in all respects. If not a farmer -1. We have sent by our Detective Bureau to myself, I think the FARM, FIELD AND STOCKand out. The concern is not well known. MAN a splendid paper for everybody, if for no 2. We cannot recommend this Chicago firm. bugs, who want their money for nothing. I in-

Do you know anything against the Brooklyn mend the St. Andrews Bay Railroad & Land Manufacturing Co., Brooklyn, N. Y.? Is it Company here referred to. Avoid investments

when our time expires, and my husband will

-We do not recommend this New York party.

"Finch's Early Perfection," and would be pleased to have you test their quality by boiling, and then, when you have time, tell me what you think of them.—Frank Finch, Clyde, in Chicago? You see I beat 300 entries of what -We have tried the potato and consider it at the Indiana State Fair, Indianapolis. Received first premiums at every County and State Crown Needle Co.-You ask "Shall we Fair wherever shown, and I intend to show at

not reach us in time.

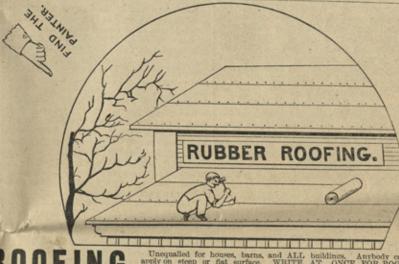
100,000 subscribers. I propose that every sub-

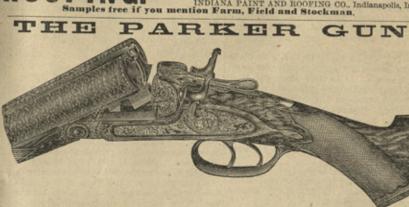
PORTER CORN CRUSHER.



BEST MACHINE EVER INVENTED FOR CATTLE FEFDERS

with shuck on, per day, with two-horse power, Send for circulars. E. A. PORTER & BRO., St. Louis, Mo., or Bowling Green, Ky. Mention the Farm, Field and Stockman.





PARKER BROTHERS, Makers, Meriden, Conn.



CASH WITH ORDER \$43.00 %

CORNISH & CO., Washington, New Jersey, U. S. A.

1886.

A Farmers' League.

(Concluded from first page.)

A FARMERS' LEAGUE?

"Raise the choice and expensive hard

woods-walnut, butternut, birch, cher-

ry." To the farmer on barren uplands: "Raise a crop of oaks for the railroad-tie

necessarily be good all around.

What do you say to

Subscription Price \$1.50 per year, in advance, including a premium to each subscriber. Single num-

HOWARD & WILSON PUB. CO., 156 & 158 Washington St., Chicago.

Entered as Second-Class Mail Matter at the Postoffice, Chicago, Ill.

SATURDAY, NOVEMBER 20, 1886.

the necessity of taking a live weekly agricultural and family newspaper, to keep you posted and up with the times in your business. Kindly examine this imber and our choice seed distribution and read what we have to say about ourselves on the extra pages. Our regular issue contains sixteen pages. This is no better than the fifty-two other numbers which you will receive. In fact, it is unusually crowded with advertising.

OUR THANKS ARE DUE

awakening to the necessity of organizing for mutual protection. All other interests are organized. The farmers, although numerically the strongest, are, through lack of organization, the weak-

The NATIONAL CO-OPERATIVE CLUB is proving one of the most popular farmers' organizations. It is well managed and affords immediate and practical advantages to its members through its effective purchasing department. The work of organizing Branch Clubs is going rapidly forward, and the individual membership s increasing. Those who wish to aid in the work should write the CLUB for par-

This organization is ready to co-oper-

Governor Routt, in a recent interview.

Advertising Rates.—Thirty cents per agate line, 14 lines to the inch. Liberal discounts for large contracts. Only reliable advertisements inserted.

Would be compelled to recognize. They do not need Chicago or any other city, but can locate their headquarters at some but can locate their headquarters at some point on the Mississippi river equally

and our liberal premium list. You are we would merely hint that they use ordirecommended to us as an intelligent, progressive farmer, and as such you will appreciate the merits of our journal and egg.

Another Land Ruling Reversed.

Secretary Lamar has again shown his good sense, as well as fairness, in his interpretation of our land laws. And again he has overruled Commissioner Sparks.

The latter had ruled that the mere bringgood sense, as well as fairness, in his interpretation of our land laws. And again
he has overruled Commissioner Sparks.
The latter had ruled that the mere bringing of water upon the land did not
"reclaim" it but that crops must be raised.
This simed a blow at the cattle range. This aimed a blow at the cattle range | commonwealth. OUR THANKS ARE DUE industry. Many a range, especially of to thousands of our readers for the compa atively small area and belonging names of their friends and neighbors for sample copies. Please remember that we have sent the paper to each of those friends and, if you propose to help us still further by getting up a club, will you not act promptly and secure some one of the many attractive dub, premy many of the many attractive dub, premy many of the many attractive dub, premy many of support to the actual settler on the frontier, has been extended or largely made up by securing land under the Desert Land Act.

The crop raised is perhaps only a few many attractive dub, premy many attractive dub, premy many attractive dub, premy many attractive and perionging to the actual settler on the frontier, has been extended or largely made up by securing land under the Desert Land Act.

The crop raised is perhaps only a few many attractive allows a first but a growing herd. The

through lack of organization, the weak-est, and as a consequence, although their interest is the greatest, it is the least re-spected by our legislatures. We hope soon to see this reversed, but it can only name as a persistent and pestilent disturber of our frontier homes.

Do Ill that Good May Come.

The strikes are like the old-fashioned allopathic remedies, which produced one disease to cure another. There is actu-This organization is ready to co-oper ate with any other farmers' organization in any work which is for the common good of the producers.

Stock Yards Monopoly.—A Remedy.

Monopoly always grows arrogant. Jeshurun waxes fat and kicks as surely now as he did three thousand years ago. The Stock Yards firms of Chicago may be justifiable in determining for themselves how many and what kind of men they will employ, how many hours they shall work, what wages they will pay and all that. But when the Stock Yards Association, by virtue of its combination and control of the market, arbitrarily reduces the purchasing price of beeves and flown and down like chess on a board, and regardless of the Labor Unions in their strikes and in their attempts to prevent non-union men

They count among themselves our most prominent leaders who, with their Englands and beaklest the current arrivals. They count among themselves our most of a trip prominent leaders who, with their Englands and beaklest the current arrivals. The sure back by the packers of the labor troubles in of 20 cents per 100 pounds on all the logs for sale, including the arrivals from the country. As a consequence there was a loss of \$16,000 on those just coming in from the farmers. The loss does not fall upon the hog producers. Both packers and strikes ought to bear in mind that they are thus punishing in nocent parties. On the other hand, such a strike is an injury to Chicago. There are parties necessable to support the clergy, to open the logical seminaries, and only it for the supporters are intriguing for, in the following concluding words an of interview.

The Anti-Contract Amendment.

They count among themselves who, with their Englands are probable of 20 cents per label and the very verge of peril."

The same writer goes on to denounce flooge—a missionary institute a kind of Mason Lodge—a missionary institute a kind of Mason Lodge whose Grand Mason Lodge whose Grand

difference simply goes into the pockets ness for the criminals. But as in some of its members. victs in Illinois may be kept at work by suggested, in the interest of the rangemen, a remedy. He declares that the range cattlemen can make a distributing depot tem. In Maine the State has a plant of pense of the prison.

point on the Mississippi river equally convenient to every part of the arid region, and then erect the greatest stock yards in the world, owning and controlling the entire plant. Then the rangemen could meet with buyers in open competition. Not only Chicago, but every other commercial center, would come to them and range beef cattle would be sold on their merits. They could be held at the lowest possible expense, and those in the yards be protected from an influx, of further receipts, if necessary, and a

as intended to go further than merely to powers; also, an excellent feed grinder, ent off the unjust and injurious competicut off the unjust and injurious competi-

Why the Bear Still Growls.

will be a mystery to many that the Czar is determined to oppose the expressed will of the Bulgarians. Their represenyou not act promptly and secure some one of the many attractive club premiums?

PUSH THE WORK OF ORGANIZING.

We are glad to see that the farmers are invakening to the necessity of organizing sets are organized. The farmers, although numerically the strongest, are, through lack of organization, the weak-through lack of organization, the weak-est, and as a consequence, although their interest is the greatest, it is the least respected by our legislatures. We hope

land is "reclaimed" for this use, is a means of support to the owner and of actual wealth to the country. But the Secretary further declares that the land is "reclaimed" for this use, is a means of support to the owner and of actual wealth to the country. But the Secretary further declares that the land is "reclaimed" for this use, is a means of support to the owner and of actual wealth to the country. But the Secretary further declares that the land is "reclaimed" for this use, is a means of support to the owner and of actual wealth to the country. But the Secretary further declares that the land is "reclaimed" for this use, is a means of support to the owner and of actual wealth to the country. But the Secretary further declares that the land is "reclaimed" for this use, is a means of support to the owner and of actual wealth to the country. But the Secretary further declares that the land is "reclaimed" for this use, is a means of support to the owner and of the King of Denmark, for their ruler. He is a brother of the Carina and it is said she desired that he should sit on the Bulgarian throne. Why does the Russian bear grow! It is explained by the fact that Prince Waldemar, the third son of the King of Denmark, for their ruler. He is a brother of the Carina and it is said she desired that he should sit on the Bulgarian throne. Why does the Russian bear grow! It is explained by the fact that he should sit on the Bulgarian throne. Why does the Russian bear grow! It is explained by the fact that Prince Waldemar is a Protestant and the preferred candid irch for Bulgaria is Exarch Joseph, who resides at Constantinople. He is pitterly opposed to the Constitution and the liberty of conscience, freedom of the | South Carolina and Arkansas. press and governmental independence it There is personal and ecclesiastical selfishness and greed mixed with his opposition. The stipends paid the clergy were cut down one-half by the Constitution. Alexander was hated by another column, in connection with exally loss somewhere when there is idleness and the wheels of business stop.

One of the results at the Stock Yards was more immediately apparent than is often the case. About 10,000 hogs were one day on sale besides the current arrivals.

"This expelle a sale besides the current arrivals."

"This expelle a sale besides the current arrivals."

"This expelle a sale besides the current arrivals."

The Cyclone Sheller.

The cut on our first page gives a good idea of the Cyclone Sheller, made by the Marseilles Manufacturing Co.; Marseilles, of their own, which the entire country would be compelled to recognize. They

hose who are novices in crime. The imovement in prison management aimed by the friends of the new amendment ing cultivators, binder trucks and horse-

and seeing the raw material which they use, the care with which they work it Russia is not satisfied. Why not? It and the taste displayed in the final finish

-Our Southern friends are just now patronizing the Co-operative Club more than ever before. Among the orders of a single day are several from Georgia, before Alabama, Florida and North Carolina were heard from. The orders include clothing, dry-goods and groceries.

-The Tourist Journal, mentioned in cursions to Tennessee and the South, has changed hands. Mr. L. Bixby, who has both in journalism and in the excursion usiness, and is a gentleman of excellent

members, it is showing the same spire as the Labor Unions in their strikes and in their attempts to prevent non-union men from working. When the Association fixes its price the shipper is at their mercy. He cannot ship back to the range or his home, nor can he hold them at the yards for an advance. The expenses are too great. In a word, he is at the mercy. If there was any gain to the consumer there would be some compensation. We might reason that the greatest good for the greatest number was reached. But prices at which the people buy their meat do not vary. When the Association decides to pay a less price for a day the

New Reader.

At the request of a mutual friend who has sent us your name, we mail you a copy of the FARM, FIELD AND STOCKMAN and our liberal premium list. You are

the yards be protected from an influx, of further receipts, if necessary, and a steady, reliable market insured.

Now we would not make bold to suggest to the Stock Yards Association that they be generous or philanthropic, but they be generous perfect grading of our prisons, and an increase in the number in each State.

The worst cases should be kept separate and have a different treatment from minimum cost. Besides the Cyclone

special description here.

Looking carefully through their shops

Rubber Roofing.

CLUB, if developed and having its branches everywhere, as it should, could

good earnest, and work out the practical

The Indiana Paint and Roofing Co., of Indianapolis, Ind., have in this issue a large advertisement of their roofing material, to which we wish to call especial attention. We have every reason lieve that our readers will readily se the advantage in using this roofing—ls: cheapness; 2d, durability; and 3d, th rapidity with which it can be put on.

Current Events.

F.THE STOCK YARDS STRIKE,-The Stock Yards strike was officially declare off by Knight of Labor T. B. Barry at a crowded meeting of strikers held in Germania Hall at eight o'clock, 13th inst. Powderly's telegram ordering the men back to work was received last week, but its announcement was for some unknown reason held back. The news was received with satisfaction, and a stampede for places at the yards will at once be made by the strikers. As there are now nearly 10,000 at work in the packing-houses, it is impossible that all the old hands can find employment. Mr. Carlton is receiving the chief amount of blame for the surrender, it being claimed but for him the General Executive Board would have helped the District Board out of the trouble in which it had entangled itself by its ill-considered action. Several little rows occurred, but the pres ence of the militia effectually prevented any riot. Local Assembly No. 8,357, Knights of Labor, has placed a boycott on Armour's pro ducts .- The fact that the new men are to be retained, and selections from the labor-union men made only as they may be wanted, has created considerable dissatisfaction. The strikers held another mass-meeting Sunday night, with every inch of space in the hall and on the stairways occupied. There must have | 23 been 2,000 present. The meeting was a defiant one, and but for the counsel of the leaders some action would have been taken in opposition the order from Master-Workman Powderly. As it was, the men decided to accept the order and return to work under protest.—The new men are afraid of persecution. It is possible they may stampede when the militia is withdrawn.

PERSONAL .- Brakeman Wells was held responsible by the Coroner's jury for the accident on the St. Paul road at Rio, Wis. He was

sold. Thus far he has received about \$50,000 in all.—Jay Gould is assessed for \$100,000 in New York.—Mark Twain is example, the vegetable and small-fruit getting old very fast, but he does not like to be products. One could raise one kind, another another, and so the price would declares that this was caused by sitting in told of it. His hair is nearly white, but Mark damp churches out in California.—Col. J. H. Kuight, of Ashland, Wis., the business partner of Postmaster-General Vilas, assaulted Horace Rublee, editor of the Milwaukee Sentinet, striking him in the face. Bystanders then in-terfered. The trouble grew out of the Sentinets warfare against Vilas for his part in the Wis-It might say to the farmer on the pine barrens, "Raise beans, pumpkins; and evergreens for gum and lumber." To the farmer with swamps and ponds: "Raise cranberries, fish (carp), and willow." To the farmer in the woods:

CHICAGO .- Master-Workman Butler, the Martin Irons of the Stock Yards, did not try his hand at politics for the first time this fall. He was a candidate last spring for School Director in the Town of Lake, on the strength of his "Raise a crop of oaks for the railroad-tie harvest by-and-by, as well as rye and other cereals." To the farmer with meadows: "Your best crop will be hay and hay-seed." To the Southern farmer: "Do not forget a crop of whitewood, gum tree and osage-orange for buildings, especially the latter, for posts and ties." This farmer may be advised to plant trees, and another to summer fallow and so rest his land. Supposing we all drop with pork.—Leonard Swett has entered a conditional agreement to assist in the de of the condemned Chicago Anarchists be the Illinois Supreme Court. Ingersoll decl

wheat for a year, until the practice where the agricultural hosts. Can you suggest the man? What do you think of this plan, brother farmers? I am fully convinced that many farmers in Dakota need to be advised. I suppose many in other sections are equally deficient in planning and deciding what is best for them. We all heatherly suggestion now and heatherly suggestion now and Victor.

Victor.

the above, which is from one of the kind that use considerable of the "headwork." Our NATIONAL CO-OPERATIVE HO! FOR TENNESSEE! Send for Tour



"Square Corner

THE BEST IN THE WORLD DAVID BRADLEY MFG. CO., Chicago. St. Louis, Mo CROWN GRASS SEEDER.

THE STREET

ONE THOUSAND DIFFERENT ARTICLES Sold Direct to Consumers.

The "Little Detective," \$3.00 L. D. Postal gives Postage in CENTS, Weighs from 14 oz. to 25 lbs. FAMILY SCALES, 240 lbs., \$5. Platform Scales, \$11 to \$20.

Forges and Blacksmiths' Tools. Farmers' Forge, \$10.

Forge and Kit of Tools, \$25.

Farmers can do odd jobs, saving tim and money. Anvils, Vises, &c., &c.

WACON SCALES.

SAFES OF ALL SIZES. PRICES REDUCED FROM 865 TO 818.

Chicago Scale Co.,

Automatic Rug Machine!

5 HOLIDAY CIFTS FREE! PACKAGE E. EGANT IMPORTED PERFUMERY, enclose

Sers 2. SIX HANDSOME ALBUM CARDS for Birthday, Rewar a, Chr at as or New Yards, worth 18 cfs.

3. ENAMELED PROPELLING PENCIL, the neatest, handlest thing of the kind, always useful, pi-tell pr. a 25 cf, article. 4. CASE OF 25 USEFUL HOUSEHOLD ARTICLES, use in to all at a litmost PLATED LEVER COLLAR BUTTON or CHEMISE STUD. a useful Send 30 cents (Club of 4 for \$1.00) and send to-dry. Stamps to-ken E. F. NASON Publisher, III Nassau St., New York Mention the Farm, Field and Stockman.

Sawing Made Easy.



A. KEAN & Co. RANK (Successors to PRESTON, KEAN & CO.)

BANKING In all Branches, Deposit Accounts Solicited, Interest-bearing Cities of Europe. Travelers Letters of Credit available in all parts of the World. BONDS. FOR SALE—Choice Sinte, County, City and School Bonds; Leading Railway Bonds, Local Securities, etc. Send for Lists.

We also deal in LAND WARRANTS and LAND SCRIP, which can be used in the location of Government Land.

Home Safety Deposit Values, S. A. Kean, Pres. S. A. KEAN & CO.

lways Mention the Farm, Field and Stockman.

THE AMERICAN EXCHANGE NATIONAL BANK,

OF CHICAGO. Report of the Condition at the Close of Business, Oct. 7th, 1886. LIABILITIES. RESOURCES.

State of Illinois, Cook County, 88:

I, Alexander L. Dewar, Cashier of the above named bank, do solemnly swear that the above statement is true, to the best of my knowledge and belief, Correct—Attest.

A. L. DEWAR, Cashier.

Currency, Nickels,

ctional paper Currency, Nickels, 197.84 cennies. 137.50.55 csic. 137.50.55 csic. 220,000.00 demption Fund with U. S. Treasner (5 per cent of Circulation). 2,250.00 c91.776.41 csic. 2,250.00 csic. 2,250 Always Mention the Farm, Field and Stockman.

HOLDAY Render, we are well aware you are thinking what shall present to my Husband, Wife, Father, Mother or Friend, that they will appreciate, keep for life, something very valuable and useful, but not cost much? We answer, what is more valuable, useful and ornamental than a Life-size Portrait? Oh, yes, you will say, Life-Size Portraits cost \$50 to \$100. Yes, they generally do;

Likely no Art House in America has gained the reputation ours has for Fine Artistic Portraits. Our regular catalogue price for Life-Size Portraits are \$40 unframed. We offer ever reader of FARM, FIELD AND their choice of an India Ink, Crayon, Water Color or Pastel Portrait, Life-Size, on 20x24 stretcher, for \$9.75, and you agree to show our portrait to your friends and do all in your power to obtain us a good agent in your ne borhood (provided, of course, portrait pleases you), we will place a beautiful frame, 2½ in. composition gilt and 1 in. velvet (regular catalogue price \$3) on portrait, FREE. Send \$4.75 cash with order and we will ship by exin. vervet (regular catalogue price \$5) of portrait, FREE.

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positively will not make this offer again. We guarantee satisfaction in every case, even if we have to make a new portrait free, and our reference should be sufficient guarantee we always do as we agree. We refer you and N. Y. State Fair, 1885. arrested on the charge of criminal negligence and bound over.—Jesse H. Lord, a well known editor, fatally shot himself on the grave of his wife at Hartford, Conn.—Francis J. Dickman, of Cleveland, has been appointed to the Ohio Supreme Bench, vice Johnson, resigned.—Admiral Porter proposes to write another book as soon as his health has grown better. He receives \$30,000 bonus for his naval history and gets a royalty of 20 per cent on all the books

Manufacturers of Crown Grain and Fertilizer Drill.

The Arthrogogeness of the square of Mercantile Agency, American or United States Ex. Co., Canal St., N. Y., or step in any Post-one of the square of Mercantile Agency, American or United States Ex. Co., Canal St., N. Y., or step in any Post-one of Mercantile Agency, American or United States Ex. Co., Canal St., N. Y., or step in any Post-one of Mercantile Agency, American or United States Ex. Co., Canal St., N. Y., or step in any Post-one of Mercantile Agency, American or United States Ex. Co., Canal St., N. Y., or step in any Post-one of Mercantile Agency, American or United States Ex. Co., Canal St., N. Y., or step in any Post-one of Mercantile Agency, American or United States Ex. Co., Canal St., N. Y., or step in any Post-one of Mercantile Agency, American or United States Ex. Co., Canal St., N. Y., or step in any Post-office and examine U. S. Official Postal Guide, January, 1286, issue, and see our ad., pages 71 and 72, the largest ad-office and examine U. S. Official Postal Guide, January, 1286, issue, and see our ad., pages 71 and 72, the largest ad-office and examine U. S. Official Postal Guide, January, 1286, issue, and see our ad., pages 71 and 72, the largest ad-office and examine U. S. Official Postal Guide, January, 1286, issue, and see our ad., pages 71 and 72, the largest ad-office and examine U. S. Official Postal Guide, January, 1286, issue, and see our ad., pages 71 and 72, the largest ad-office and examine U. S. Official Postal Guide, January, 1286, issue, and see our ad., pages 71 and 72, the lar

Temperance in the Kitchen.

This is emphatically a time when woman should let her influence be felt, in the strongest possible manner, and in every direction, against the curse of the drinking habit. Concerning the danger f using alcohol for culinary purposes, Julia Colman writes as follows:

"The kitchen is very often the strong-hold of the drink habit in this country, hold of the drink habit in this country, from the fact that a great many of our inherited and imported recipes give flavorings of wine or brandy, to say rocking of gin yaw and which.

Some. Their boys got into trouble with line fence, and set their dog on his hens. Whenever he went near them they began to about one and one-half pints of water, and in the most out-of-the-way part of eastern about one and one-half pints of water, and in the most out-of-the-way part of eastern about one and one-half pints of water, and in this boil force or five bruised onlong or garden. flavorings of wine or brandy, to say nothing of gin, rum and whisky. These iare often carelessly copied, even by our religious papers, and as carelessly practiced. The taste itself is the very thing to be feared—whether it creates in children a familiarity with the liquors used, and thus makes them in after years and the familiar cries of the hunters, the which will answer the same purpose. Strain off the liquid, and with it, when cold, wash with a soft brush any gilding which requires restoring, and when dry it will come out as bright as new work.

But now the merry music of the horns this boil four or five bruised onions, or garlic, which will answer the same purpose. Strain off the liquid, and with it, when cold, wash with a soft brush any gilding which requires restoring, and when dry it will come out as bright as new work.

"Wal, I do."

"Wal, I do." and thus makes them in after years an easy prey to the drink habit; or whether it reawakens in the reformed man the appetite which has done him so much mischief.

"A guest, in whose welfare we were deeply interested, one day expressed to me a lively satisfaction because the mince pie served at dinner had contained no trace of alcohol. He had feared the ordeal, for, if it had tasted of brandy, he would not have been able to control the awakening appetite. I had no suspicion that he had ever been addicted to drink, but he informed me that only a few years cook for the preparation, on a temperance basis, of various dishes which usually contain some kind of alcoholics."

What Women Need.

things of this earth. Every valuable possession has its added care and expense.

—There is a small tree growing in a gulch near Tuscarora, Nev., the foliage cumstances, or poor even, who grew wealthy, look back upon the old life as so luminous that it can be distinguished with a clothes-stick until loosening his long hunting-knife in this last water with a clothes-stick until cool enough for the hands, then rinse well, wring, shake out and pull into shape—the so luminous that it can be distinguished snapping and the pulling are as necessary as Suddenly there was a crash in the freer from cares and happier; yet if they were to go back to their early and simple style of living the world would severely criticise them. Every woman needs to been my here list of old friends and to sites.

The darkest night. In its the washing—and hang in a sunny place where the wash a crash in the thicket as a huge black mass came burst-they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing—and hang in a sunny place where they will dry quickly. Many prefer to riuse in the washing and they will dry quickly. Many prefer to riuse in the washing and they will dry quickly. Many prefer to riuse in the washing and they will keep up her list of old friends and to sites

make new ones, too; the family and children cannot meet all the wants that middle aged people must have for friend-ship. Not any woman is so busy but that the can find time to write an occasional etter. If the friend to whom she owes a etter would come to see her, she could lay aside work and talk to her and urge her to stay longer. One can stop on the street at the risk of taking pneumonia in winter, to talk to a friend for half an hour, and why cannot friends be civil the butter to a cream, add the sugar and flour. Went down to the brook and lost my new hat; the butter to a cream, add the sugar and flour. when they do not meet? Pure air every | mix well; add the extract and well beaten eggs | I felt pretty mean when ma fished it outwhich housekeepers need so much, and beat the mixture twenty minutes. Line a And a lot more things, Fil tell you about. would freshen them up until twice the amount of work could be accomplished that there is, without the daily dragging

The stand beat the mixture ways and bake in a moderate oven.

Electing Fland.—Make a custard of the To-morrow Pil try to do something sensation which one has who stays closely indoors. There are many mothers and children who do not go out for a week of snowy or stormy weather, and all grow irritable and cross, because they have failed to provide themselves with proper protection against storms-over-The English family entire goes out rain bolling hot custard the well beaten whites, or shine. Health ranks first with them, grating some loaf sugar (some add grated co-

FARM, FIELD AND STOCKMAN.

One Way to "Get Along."

as it should .- Ex.

Down in the Maine woods half a dozen miles away from any other habitation, there is a cluster of three rather fertile farms. A down-country man, who for negotiating for the purchase of one of the yolks to a thick cream, and adding the have wished for a finer day for the sport he asked the people who were trying to ling. Some never stir buckwheat cakes after as the clear blue sky overhead—all exc sell to him what sort of neighbors he they have risen, but take them out carefully one. That one was the face of the Em would have next door.

"If I'm to live away out here," said he,

gets along. He's a man who never tells anything but the truth."

baking, as it makes them heavy, and serve same side up as when taken from griddle.

of good sport.

The time had been when his chosen The intending purchaser went over to

Uncle Jerry, and asked him how he "got along with his next door neighbors." "First rate," said he. "Ever have any trouble with them?"

neighbors, but found them very quarrel-some. Their boys got into trouble with his they are boys got into trouble with

that borders upon the coarse and low. From out of the mouth of a woman such words, such stories, are inexpressibly repulsive, and if we accustom ourselves to the sound of such words from our own lips it will not be long before our thoughts will dwell upon the impure and that he was obliged to watch continually against anything containing the poison. I was so thankful that my temperance principles had saved me from putting a 'stone of stumbling' in a brother's way, that I determined to be more earnest than ever in calling attention to this matter, and I should be glad to get regions recommended by any words from the pen to the reader. You can always improve your conversation. tional powers by good reading. Indeed, I think it is certain that we betray our style of reading by our conversation. Avoid expletives, such as "Gracious!" "Goodness!" "Oh my!" "Mercy!" and forty others that might be named, and which too frequently make the bulk of

YOUNG FOLKS.

Doughnuts .- One cup of sour milk, one egg, one cup of sugar, one teaspoonful of salt, THE MAN IN THE MOON. two-thirds teaspoonful of cinnamon, one table-

lemon or rose, and pour into a dish (a shallow,

wide one is best), spread smoothly over the

coanut) on the top. Set the dish in a pan of

Griddle-Cakes .- Griddle-cakes should be

Useful Hints.

make them look as well as new.

gently on the float.

spoonful of saleratus, and flour to roll. Roll There's an ugly Old Man in the Moon to-night, thin, cut in rings and fry in very hot lard. He scowls and he frowns till he frightens me quite Pound Cake.—One pound of flour, one I know why he looks in that terrible way,—

But the mischief was all in my head, you see; Floating Island .- Make a custard of the To-morrow I'll try to do something quite right, yolks of six eggs, one quart milk, a small pinch | And the Man in the Moon can but smile at night. of salt, sugar to taste; beat and strain yolks | There's a jolly Old Man in the Moon to-night,

before adding to the milk. Place custard in a | With a merry face and a smile so bright; large tin pan, and set in stove, stirring con- He looks down on me in a comical waystantly until it boils, then remove, flavor with Don't you think he knows that I've been good to-day?

THE CZAR'S BEAR HUNT.

BY DAVID KER.

ice-water, and serve cold. Some prepare the whites by placing a tablespoonful at a time in the forests of northern Russia. The boiling water, lifting them out carefully, when cooked, with a skimmer, and laying them frozen trees glittered like silver in the cloudless sunshine, and the woods were all alive with the shrill blasts of huntingwell beaten when first made, and are much the Czar Alexander I. and his courtiers some reason wished to go to farming, was lighter when the eggs are separated, whipping were out for a bear hunt. No one could se farms, which lie all in a row; and whites besten to a stiff froth just before bak- and every face in the party was as bright with a large spoon, placing the spoon when peror himself.

emptied in a saucer, and not back again into the A bear hunt in his own native forests "it's important to me to know what sort of folks I'm going to live among."

"Well," said the other, "you can ask old Uncle Jerry Jones, who lives on the third farm, over beyond them, how he third farm, over beyond them, how he third farm, over beyond them, how he have the gridle-cakes the second time while third farm, over beyond them, how he have the gridle-cakes the second time while third farm, over beyond them, how he have the gridle-cakes the second time while third farm, over beyond them, how he have the gridle-cakes the second time while the gridle-cakes have the gridle-cakes

comrade, Count Nikolai Soboleff—the best sportsman in St. Petersburg next to For Washing Red Table Linen.-Use as a matter of course, on all excursions of this kind. But the two friends had tepid water, with a little powdered borax, grown cold to each other, and causes of "Not any."

This was enough, and the downcountry man bought the farm.

He began to be friendly with his next

He began to be friendly

"Wal, I do."
"How do you manage it?"
"Wal, I haint b'en nigh 'em for nine year!— Youth's Companion.

A Word to Girls.

"Wal, I haint b'en nigh 'em for nine so that you can hold the feather just above it will curling. Take a bone or silver knife and draw the fibers of the feather between the thumb and the dull edge of the knife, taking not more than three fibers at a time, beginning.

Hark! what was that? All the party halted, and held their breath to listen.

A few words about our language. Above all, do not allow yourself, even with your most intimate friends, to use one word more durable. After a little practice, one can be all the party halted, and held their breath to listen. Yes, there could be no doubt about it, more durable. After a little practice, one can long-drawn bugle call which told that

Use of Borax.—Borax water will instantly the game was found.

The first note of that well known call remove all soils and stains from the hands, and heal all scratches and chafes. To make it, put was quite enough to drive every other thought out of the mind of such a born thought out of the mind of such a born thought out of the mind of such a born thought out of the mind of such a born thought out of the mind of such a born thought out of the mind of such a born thought out of the mind of such a born thought out of the mind of such a born thought out of the mind of such a born thought out of the mind of such as the mind of such as the mind of the mind of such as the mind of the mind of such as the mind of the ter. When the borax is dissolved add more to the washing to the washing over the washing ov

To Wash Flannels in Boiling Water. noticed how persistently he himself was being followed by a tall man with his -Make a strong suds of boiling water and soft | face half hidden in a huge fur cap, who soap-hard soap makes flannels stiff and wiry- seemed determined to stick to him put them in, pressing them down under the wa- wherever he went.

ter with a clothes-stick; when cool enough In the heat of the chase the hunters rub the articles carefully between the hands, were quickly scattered, and the Czar was then wring-but not through the wringer-as soon left alone. But still he was kept in dry as possible, shake, snap out, and pull each piece into its original size and shape, then throw immediately into another tub of boiling closer and closer to him, though without Women need to cultivate their own resources more. There are some who early recognize the difference of value between the perishable and imperishable when the perishable when the modern girl's vocabulary, judging the modern girl's vocabulary, judging the modern girl's vocabulary, indigning the modern girl's vocabulary in the modern girl's vocabulary in the m some nice blueing. Shake them up and down bear had appeared as yet, he was already

Such a meeting in such a place would have startled most men, for the black bear of northern Russia, though less dancard the formula and the fo gerous than the terrible American grizzly,

1886.

lid not aim as carefully as usual, and the bullet, glancing along the monster's shoulder, hurt him just enough to make him doubly furious. On he came with a fierce rush, and rearing up on his hind legs, showed all his cruel white fangs in construction in Berlin. A series of mete-

Another instant and all would have been over; but just then the tall stranger sprang forward, and darting in under the knife to the very haft in the great black body. For one moment man and beast

Ask what you will, and you shall have it."

"Not till you know who I am, and with what purpose I came hither," answered the stranger, in a low, stern voice, throw-

near you in the course of the hunt, and

graced should I have been in my own eyes, had I accepted any favor at your hands without first telling you that I had meant to take your life, not to save

Tears glistened in the Czar's bold blue eyes, as he held out his hand to the man who had sought his life.

"God be thanked," said he, "that it is not too late to make amends. This very day I recall your brother from banishof every and the end of every pla

Roswell, D. T. ment, and neither he nor you shall ever leave me again."—Harper's Young People.

A Funeral in Venice.

Everything in Venice is Venetian. By that I mean, marked with all the striking peculiarities of this strange city. Venice is necessarily original. She can-not live and act like other cities; she must ever be true to herself and to her more than novel surroundings and dream-

One thing excepted! Death is the same there as it is elsewhere, the world ver; but the burial of the dead in Venice is solemnly beautiful. No hearse, no horses, no carriages, no marching procession. I was riding along in the Grand Canal, one summer afternoon, when unexpectedly I saw a funeral train gliding noiselessly by. Five, six, seven, eight gondolas, all in ne. In the first sat the priest, with his attendant, both in black robes. The canopy over them was heavy black cloth, the gondoliers were in black costume, the gondola was black. The second boat carried the body of the dead, and the six bearers. In the center of the gondola the casket was laying on a cata falco, the sides of which, with the draped canopy and its supporters, were all in black. The bearers, in black robes, stood by the casket, three on either side. two gondoliers propelling this silently gliding hearse were in black. Then followed in procession he family and the

is a very "ugly customer" at close quarters. But such perils were nothing new to the hunter-Emperor, who instantly is on one of the small islands lying near brought his gun to his shoulder, and fired.

But unluckily Alexander was so eager to make sure of the bear before any of the other men could come up, that he did not rime as correctly as a part that he city, and here, within the quiet of the lagoon, the storms of ocean and of troubled wave shut out, Venice lays away her dead as within a harbor of rest, a haven of peace.—Ex.

A Monster Balloon.

a hideous grin. At the same moment the orological observations, extending over Czar's foot slipped, and down he came on several years, have shown that, near the his face at the very feet of his savage earth, the velocity of the wind in the temperate zone rarely exceeds forty feet per second, and Herr aswindt, who has designed the great Berlin ballo pects to attain a speed of forty-six feet to forty-eight feet per second. A sum of £10,000, it is said, has already been offered for the patent. The balloon is were rolling together in a confused mass, 500 feet in length and fifty feet in diam amid a spray of flying snow; and then the man rose panting to his feet, and the pounds, the envelope netting alone repremonster, with one convulsive struggle, lay dead before him. "Whoever you are," cried Alexander, stepping toward him, "you have saved my life. Ask what you will and you estimated at £5,000.

OUR LETTER BOX.

what purpose I came hither," answered the stranger, in a low, stern voice, throwing back his cap as he spoke. "Look well at my face and see if you remember it."

"Had I not banished Nikolai Soboleff," said the Czar, looking at him in astonishment. "I should say that you were he."

"I am his brother Michael," replied the other "and I came here to day to kill the context of the co

other, "and I came here to-day to kill you for the wrong that you have done him."

There was a moment's silence, while the two men looked fixedly that the had not committed," resumed Soboleff at length. "To him such a punishment is worse than death, and I vowed to avenge him. I mixed with your men to-day in this disguise, meaning to get

near you in the course of the hunt, and kill you with my own hand."

"And why have you saved my life, then?" asked the Emperor, eyeing him keenly.

"Because I should have accounted myself disgraced forever had I let any brave man die while I stood near enough to help him; and still more utterly disgraced should I have been in my own

I wrote two letters before and one was printed and the other was n.t. I have got hard work nowadays, must help papa husk corn as long as there is no school. Our s hool begins in November. We have a gentleman teacher. I will give answer to Sallie Acklen's questions. First. Telescopes were invented in 1590. Second. Envelopes were first used in 1839. If these answers are correct I would like to hear from Sallie. Ever your friend, Dovey A. Hartuno. West Point, Neb.



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The book is hearty and healthy. The print is large and wholesome for the eyes. The full-page pictures are calculated to excite curiosity and interest. Philadelphia: Porter & Coates. Chicago:

A. C. McClurg & Co.

Herald Building. Botton Mass. and New York: Cassell & Co. -"Ten Dollars Enough" certainly is

not a poetic title for a new book. How-ever, the book is a very practical one, and on the unromantic subject of break-fasts, dinners and suppers, and the most economical methods of keeping house well. We may emphasize the "well." The author is Mrs. Catherine Owen, and the book is surely not drawn from the imagination. It is \$10 a week for a married pair, with their own domestic Marta (not martyr). Molly is the heroine, and she passes through the trials, catas trophes, unexpected arrivals and adven trophes, unexpected arrivals and adventures of every kind, belonging to the young housekeeper, and connected with such appalling affairs as bread-making, "How to Fry," "What to do with a Soup-Bone," marketing, rye bread, corn-beef hash, preparing a chicken, "Dollars and Cents," Marta's noodles, fried potatoes, polka sauce, boiled custard, hominy muffins, oxtail soup, Macaroons, French rice cake, pigeon pie, calf's head, soused mackerel, etc. etc.;—in short, almost any

mackerel, etc. etc.; in short, almost any culinary predicament that a young housekeeper could get herself into. And the glory of the book is that it tells how honorably to extricate one's self from all such dreadful situations. We can recommend this romantic cook-book or culinary romance to every ambitious house keeper of our acquaintance. Boston and New York: Houghton, Mifflin & Co. Chicago: NATIONAL CO-OPERATIVE

Book" will have some conception of the exquisite taste of the present volume which, like them, is an interpreter of native of the present volume.

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Total and Stockman.

Mention the Farm, Field and Stockman. ture running through the seasons. There are some forty or fifty full-page illustrations. Miss Jerome has a delicate touch with the pencil and can interpret either the sadness or gladness are as a sake to the Old Home. Hapdsomely have the sadness or gladness are as a safe to the Old Home. Hapdsomely have the sadness or gladness so as to make it feit. At the same time her hand often has a bold stroke and her entire design utters a grandeur and symphonic movement that shows the fitness of the Ation. felt. At the same time her hand often has a bold stroke and her entire design utters a grandeur and symphonic movement that shows the fitness of the title: "Nature's Hallelujah." "Far up in the strength of the hills the Ice-King ruled. He had sent forth, from time to time, his subjects, each with their retinue of warlike days. Quiet December, full of stolid strength, cold, bitter January, boisterous February, and wild, dashing March, had gone forth at his bidding, with the North wind, the East wind, flying snow and driving blast." A hint of the grand procession, to the varied music of the on-going seasons, is given in the introduction-going seasons, is given in the introduction.

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Use the "ROCKFORD" according to Directions, and your Wash-day Troubles will be over. Do not allow yourself to be convinced that any other is as good until you have tried the easy, sensible, clean, near, practical common sense and easily understood ROCKFORD STEAM WASHER! Any child over 10 years of age will have no difficulty in doing the work, 128° Send for free Circulars and be convinced. (Mention this paper.) Address

Lane allister & Co., Rockford, Ill.

By CAPTAIN MARRYAT,

Author of "Mr. Midshipman Easy;" "King's

CHAPTER XVIII.-CONTINUED. I broke open the seal, and found that the let-ter contained an enclosure addressed to an-other person. The letter was as follows:

other person. The letter was as follows.

"My DEAR NEPHEW -['Brayo, sir,' said Timothy, 'you've found an uncle already—you'll soon find a father.']—From the great uncertainty of the post, I have not ventured to do more than hint at what has come to light during the

The country of the co

father, and threw myself into his arms; I awoke and found myself rolling on the floor, embracing the bolster with all my might. Such was the vivid impression of this dream, that I could not turn my thoughts away from it, and at last I considered that it was a divine interposition. All my scruples vanished, and before the day had dawned I determined that I would follow the advice of Timothy. An enchusiast is easily led to believe what he wishes, a d he mistakes his own feelings for warnings; the dreams arising from his daily contemplations for the interference of Heaven. He thinks himself armed by supernat ral assistance, and warranted by the Almighty to pursue his course, even if that course should be contrary to the Almighty's precepts. Thus was I led away by my own imaginings, and thus was my monomania in creased to an impetus which forced before it all considerations of what warrights or specific to the first of creased to an impetus which forced before it all considerations of what was right or wrong.

CHAPTER XIX.

"The tailor to his screne highness the Prince of Darmstadt had that honor.my lord," replied: "Humph! I thought they fitted better in Germany; it's not quite the thing—we must consult Nuese, for with that figure and face, the coat ought to be quite correct. Adieu, my dear fellow, till seven."
His lordship shook hands with me, and I was left alone. Tinothy came in as soon as his lord ship's carriage had driven off. "Well, sir," said he, "was your uncle glad to see you?"

"Yes," replied I; "and look, he has broken open the seals, and has insisted on my reading the papers."

(To be continued.)

As an experiment, to test the value of advertising in this paper, and to get it introduced into every family in the land, we offer the

PHILADELPHIA LADIES' Home Journal





Woven Wire Fencing.

1886.

We take peculiar pleasure in calling the attention of our readers to the advertisement of the McMullen Woven WESTERN LACE MFG. CO., 218 State St., Chicago. Wire Fence Company, for two reasons: 1. Because the woven wire fence is one we would be glad to see supersede the barb wire. 2. Because the manufactur-ers are gentlemen we have known for years, and are sure that any article they offer the public will be all they claim for it. We hope all our readers who are interested in woven wire fencing will write them, and mention that they saw the advertisement in this paper.

more people than cork jackets ever floated.

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No matter in what part you are located, you should write to Hallett & Co., Portland, Maine, and receive, free, information about work you can do and live at home, at a profit of from \$5 to 25 and upwards daily. Some have made over \$50 in a day. All is new. Capital not needed: Hallett & Co. will start you. Either sex; all ages. Those who commence at once will make sure of snug little fortunes. Write and see for yourselves.

-"After much research and investigation," says an exchange, "we are convinced that the boarding-house chickens are hatched from hard-boiled eggs."

Pierce's "Pleasant Purgative Pellets," Positively Popular; Provoke Praise; Prove Priceless; Peculiarly Prompt; Perceptibly Po-tent; Producing Permanent Profit; Precluding Pimples and Pustules; Promoting Purity and Peace. Purchase. Price, Petty. Pharmacists Patronizing Pierce Procure Plenty.

-An Aberdeen critic writes: "We read in Longfellow that he wishes men could make love like a bird." Man does, Mr.

BOYS WANTED to distribute circulars, Good pay. Particulars free, Valuable book 3c, FRIEND WAGER, Jackson, Mich AGENTS Wanted everywhere to sell the ACME

BIG OFFER To introduce them we w The National Co., 23 Dey St., N. Y

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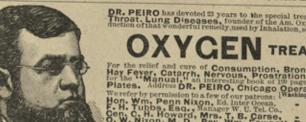


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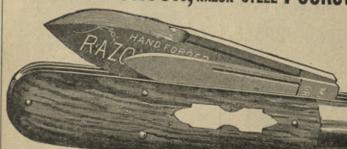
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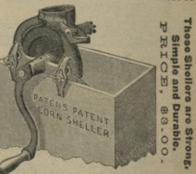
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Vol. IX. No. 51.

CHICAGO, NOVEMBER 20, 1886.

PRICE FIVE CENTS \$1.50 PER YEAR.

PUBLISHED WEEKLY BY HOWARD & WILSON PUB. CO.,

156 and 158 Washington Street, Chicago. CHARLES H. HOWARD, EDITOR. JONATHAN PERIAM, Associate Editor. JAS. W WILSON, BUSINESS MANAGER.

CONTENTS .- Part Second. About Ourselves (this page)..... Instructions to Subscribers, Agents and Club-raisers. 818 National Co-operative Club; a Membership Free to each Subscriber. Description of Seeds; 20 Packets Free 819 to each Subscriber.......820-824
Description of Free Books......825 Description of Books for Two Subscrib-Description of Books for Larger Clubs. Miscellaneous Articles for Clubs of Two

The Farm, Field & Stockman,

Our Business Offices.

Free Seed Distribution.

Premiums for Clubs, etc.

A little over a year has passed since the FARM, Field and Stockman came the FARM, FIELD AND STOCKMAN came into our possession. It has been a year of great satisfaction to ourselves. We have received candid expressions of appreciation of our efforts to make a good paper. Of its history previous to our purchase we have nothing to say, preferring to stand on our own merits rather than the merits or demerits of the former publisher.

than the merits of demerits of the former publisher.

We found the paper burdened with more or less of distrust, and on the part of some with disgust and positive bitterness, because of the questionable methods which had been employed. Unfulfilled promises to subscribers were fast bringing the paper into disrepute.

WE TRUSTED, AND NOT IN VAIN, WE TRUSTED, AND NOT IN VAIN, in our long and successful experience as journalists and in our established characters and past record, which were known to thousands of the readers, to quickly change this unfavorable impression. We were not disappointed. Those of our readers who had been acquainted with us knew that no paper with which either Gen. C. H. Howard or Mr. Wilson was connected could ever be used otherwise than for the actual benefit of its readers. We had faith in the good sense of those who did not know us, that when they should see the radical change in the they should see the radical change in the character of the paper, which was at once effected, our unflinching exposure of frauds, honest advocacy of farmers' rights, and straightforward and honorable way of dealing with read and honorable way of dealing way ble way of dealing with readers, patrons and agents, they also would have confidence in us. Such, as far as we have been able to learn, has been the fact.

WE ARE JUSTLY PROUD

of our success, and of the work accomof our success, and of the work accomplished within the year. The FARM, FIELD AND STOCKMAN to-day, as an agricultural and family journal, is second to none of its class, either in character, circulation, friendly regard of its readers, or general influence with the public Our achievements in the work we set out to accomplish are justly characters. ricultural and family journal, is second to none of its class, either in character, circulation, friendly regard of its readers, or general influence with the public Our achievements in the work we set out to accomplish are justly characters, but as this is impossince, we will do the next best thing, by illustrating our Office Building, Press Room, Mailing Room and Bindery.

In the building shown on this page we have our business offices, editorial rooms, set out to accomplish are justly character.

terized by the words of a well known and eminent journalist of this city, who says: "The success of the FARM, FIELD AND STOCKMAN under its new pub-

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We have accomplished all we under-took to do and more. We have made friends of the old readers of the paper, and find our list rapidly increasing by the addition of thousands of new names

partments. We also furnish rooms here for the headquarters of the NATIONAL CO-OPERATIVE CLUB.

Our press room, bindery and mailing department, illustrations of which will be found on the inside pages, are located at the corner of Wabash avenue and Randolph street.

We take especial pride in the thorough system on which our business is con-ducted, the neat and workmanlike manner in which our paper is made up and

a great newspaper, we will say that it takes

FOUR LARGE DRUM CYLINDER PRESSES FOUR LARGE DRUM CYLINDER PRESSES five days, running night and day, to print this one edition of the FARM, FIELD AND STOCKMAN. We cannot use the rapid Webb presses, printing 25,000 an hour, used by the great dailies and political weeklies, for the reason that they will not do fine enough work to print the many illustrations and do the neat printing characteristic of our paper. We are obliged to use slower presses, built for fine printing.

ing characteristic of our paper. We are obliged to use slower presses, built for fine printing.

Every letter, punctuation mark and space between words represents a separate piece of metal. These have to be picked out of a case composed of separate apartments, each apartment containing a separate letter, one at a time, and arranged into words and sentences from copy prepared by the editors. As soon as a sufficient quantity is set up the foreman makes it up into pages. These pages are then sent to the electrotype foundry and a mould taken from them in wax. This wax mould is then inserted into an electric bath and allowed to remain about five hours, when the wax will be coated with a thin coating of copper in exact duplicate of the face of the type. The wax mould is then melted away and the copper filled with type metal, making what is known as an electrotype. It is then finished up and is ready for the press. The paper is then printed from the electrotypes and the type can be distributed and set up again for the next number.

THE PAPER

THE PAPER

on which the FARM, FIELD AND STOCK-MAN is printed is made at the Winnebago Paper Mills, Neenah, Wis. We require a car load, twelve tons, for this one number. If this paper was stretched out in one continuous sheet as it comes from the paper-making machine, it would make a sheet of paper over 140 miles in length by 30½ inches in width. This great mass of paper has to be printed, folded, bound, trimmed and correctly mailed, each paper separately addressed, within one week's time.



OUR OFFICE BUILDING AT 156-158 WASHINGTON STREET.

ers, as well as

We wish we could conduct each one of our readers personally through

OUR ENTIRE ESTABLISHMENT and show them in detail the machinery and appliances necessary to make a great paper like the FARM, FIELD AND STOCK-MAN, but as this is impossible, we will do

printed, as well as in the practical and useful nature of its contents. We are experienced newspaper publish-

PRACTICAL FARMERS,

and, therefore, think we know the kind of a paper which will best serve the interests of our readers. We employ only reliable and capable help, the best to be had, in all departments. To give our readers some idea of the amount of labor and are readers. labor and expense involved in publishing and has for many years been a careful

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lating to household analis and the matters, to the cultivation of good taste, good manners and good morals. Without going into sermonizing we try to rememgoing into sermonizing we try to remember the matter of the moral and sermonized the matters, to the cultivation of good taste, good manners and good morals. Without a monage them a love for the beautiful, we are giving twenty well filled packets of new matters, and sermonized the matters, to the cultivation of good taste, good manners and good morals. Without beautiful, we are giving twenty well filled packets of new matters, and sermonized the matters and good morals.

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1-

reliable. They are not written to sustain any pet theory but come from sound judgment and an every-day contact with farmers, and business men, with real life, as found in our country.

Our Advertising patrons are all in legitimate business. We adverted our readers may be misled and cheated. Our advertising patrons are all in legitimate business. We admit nothing which will injure our readers either financially or morally but, on the other hand, raject a great deal of business for which good pay is offered, simply because we are in doubt whether it might not be a source of loss to our readers.

It is a settled policy of the paper to deal effective blows against monopolies. To this end we have and vected organization among the farmers. Which good the policy of the paper to deal effective blows against monopolies. To this end we have advecated organization among the farmers. Which good the policy of the paper to deal effective blows against monopolies. To this end we have and vectored organization among the farmers. Which good the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against monopolies. To this end we have a long the policy of the paper to deal effective blows against Mr. Wilson was the first Secretary, has, also, had our hearty support, and so will have every legitimate and efficient organ-have hundreds on file at this office.

It ime, over the names of the writers. Others will be found in this list, and we have every legitimate and efficient organ-have hundreds on file at this office. have every legitimate and efficient organization having for its purpose the benefit of the great agricultural interests of our country. Farmers' conventions and congresses are fully reported; farmers' institutes, agricultural colleges, the various associations representing the live stock, dairy, horticulture and other special industrial and business interests, relating in any way to agriculture, are allating in any way to agriculture, are allowed a generous amount of space.

FARM, FIELD AND STOCKMAN.

Those who have seen our Veterinary column during the past year attest its great importance to the stockman and farmer.

HOUSEHOLD.—Aware that our paper is the only weekly taken in many families, we do not forget the wife and mother and the young folks. Two pages are devoted to practical information relating to household affairs and home matters, to the cultivation of good taste, good manners and good morals. Without good manners and good morals. Without good manners and good morals. Without good manners and good morals without good manners and good morals. Without good morals are good manners and good morals. Without good manners and good morals are good manners and good morals. Without good morals are good manners and good morals are good manners and good morals are good morals. Without good morals are good morals and good morals are good morals and good morals and good moral and good moral and good moral and good moral and good morals are good morals and good morals and good morals are good morals. Without good morals are good morals and good morals are good

OUR FREE BOOKS.

As will be seen on page 825 we give an excellent collection of books free to those who prefer them to seeds. These books,

ADDRESS LETTERS THUS: HOWARD & WILSON PUB, CO.,

We have provided a very valuable list of good things for our friends and reads who will help us increase our circula tion, part of which will be found in the following pages. OUR WATCHES, CLOCKS, JEWELRY, SILVER-WARE and RIFLES. GUNS, POCKET-KNIVES, ETC., ETC., have been crowded out through want of room. They will be announced from time to time in the columns of the FARM, FIELD

Read our list through; you will find

IT IS EASY WORK. It will be no trouble seed and other offers. Show them this fine ple of the paper, and you can quickly get all the names you need to

SUGGESTIONS.

new or renewals.
4. Only full yearly sub-

dresses plain, and you will have no trouble about the subscribers you send not getting their

stamps.

We can use Canada money, but not Canada or other foreign stamps.

Do not send them.

at every postoffice in the United States and Canada, to raise clubs for this paper. We have very liberal terms to offer in cash commissions. You can make money. If you can undertake the work write us for terms.

AND STOCKMAN with out receiving benefit therefrom worth more to him than the subscription price. You will be doing your ing him to subscribe

at all to get subscribers with our libera secure any premium

1. Every subscriber is entitled to either twenty packets of seeds, or a collection of books, and a membership in the CLUB, whether he sends his money direct to us or pays it to an agent.

2. It is not necessary to wait until a club is full before sending names and

THE NATIONAL CO-OPERATIVE CLUB.

A LIVE FARMERS' ORGANIZA-TION.

Organize Clubs. - Co-operate and Save Money.

The objects of this live and well managed farmers' organization are best ex-pressed by Article II. of the Constitution, which reads as follows:

ARTICLE IL

ARTICLE II.

SECTION 1. The object of this organization shall be to encourage and aid the organization of farmers and others into clubs for the purpose of securing, by co-operation, both for clubs and isolated individual members, the lowest possible prices on merchandise of all kinds, farm tools, lumber, etc., which the farmer or his family have to buy, and to obtain the highest possible price on such produce as he has to sell.

SEC. 2. To encourage social intercourse among farmers; promote discussion of economic, business and political questions, and secure united action for mutual good.

SEC. 3. To open up to farmers all practicable facilities for increased education for themselves; to promote a better knowledge of the value of improved breeds of live stock, and varieties of farm products; to introduce to its members, for experiment, new varieties of seed grain, vegetables, fruit, flowers, etc., and to publish reports on the same.

SEC. 4. To warn its members against and expose, through the public press, those swindlers who ply their calling, either by traveling agents or by circular or newspaper advertising.

SEC. 5. To unite farmers and others for mutual protection against class levislation, the encroachment of concentrated capital and aggressive monopolies, unequal taxation, etc., and secure the nomination and election of honest men to effices of public trust, who have the welfare of the producing classes at heart, and will work and vote in their interest.

To secure the enactment of stringent laws against food adulteration, especially the adulteration of dairy products, and to work in any legitimate way to advance the interests of the producirs.

On account of the lack of space we

cannot publish the whole Constitution.

Any one interested can get a copy with
the history of the organization and other
matter pertaining thereto, by addressing
the NATIONAL CO-OPERATIVE CLUB, Chi-

Our object here is to show the advantages to be gained by becoming a member, and how to get a membership without cost.

HOW TO BECOME A MEMBER.

Article III. of the Constitution reads: SECTION 1. The NATIONAL CO-OPERATIVE CLUB shall be composed of such persons of good character as are interested in the objects of the organization, and who have paid the fee prescribed.

The By-Laws provide for an annual membership fee of \$1 from each member, to defray the necessary expenses, such as rent, salaries for the purchasing agents, clerks, etc.

FREE TO OUR READERS.

Wehave made an arrangement with the CLUB to furnish a membership to each subscriber of the FARM, FIELD AND STOCKMAN free, in consideration of our furnishing rooms for the headquarters of the CLUB, rent free, and using our influence in building up the organization.

Every subscriber to this paper will therefore be entitled to a membership certificate in this Club free, entitling him to all the privileges, the same as if

excellent. But those who will take advantage of the privileges which a membership in this Club gives them, can save the subscription price of the paper many times during the super limes during the super lim the subscription price of the paper many times during the year. In fact, the subscription price can be saved on a single purchase of almost any kind of goods amounting to \$5. The thousands who are buying their supplies regularly through the CLUB will cheerfully attest what we say. We publish elsewhere a few extracts from the hundreds of letters of like import, which the CLUB is ters of like import, which the CLUB is constantly receiving. Many others have been published from time to time in the FARM, FIELD AND STOCKMAN over the CLUB, the Directors have taken the prenames of the writers.

at a distance, expressing doubt about the Club being able to benefit them.

This is a mistake. Some of the largest orders come from California, Oregon, Texas and distant Eastern States. Note the Club by our subscribers, if it is sent in the following way: By postoffice or express money order, registered letter or bank draft.

The advantages of organization will also be felt in the increased intelligence which results from social intercourse and a comparison of ideas. this point:

WHAT IS THIS CLUB?

It is a farmers' organization, with a able to the Club. very large membership, extending into every State and Territory in the Union, and Canada. It is incorporated under the laws of and chartered by the State of Illinois.

Its officers consist of a Board of five Directors, a President, Vice-President,

HOW TO USE THE CLUB.

this point:

The suit of clothes received, all O. K. Same suit here costs \$22. Profit, \$10.75.—J. H. Cross, Fresno, Cal., Oct. 18, 1886.

The bin-ler-twine I ordered through the Cooperative Club came all right and gave good satisfaction. I let one of my neighbors have some of it and he says he never used any better twine. I saved just \$20 on the 500 pounds, after paying all freight charges.—Loren B. Luper, Tangent, Ore., Sept. 15, 1886.

I received through the National Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of the articles you want to buy and send to the manager of the Club, calcing a stamp for reply, and you will receive quotations by return mail.

How to use the Club.

The Club do not issue a price list. The range of articles called for is so wide that to do so would involve too much expense. Besides, prices are constantly changing. The double of the cooperative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Club Markets," in the Farm, Field and of "Co-operative Cl The CLUB do not issue a price list. The

ington street, Chicago, Ill.

Make money orders, drafts, etc., pay-

The business is conducted strictly on | ville, Ill.

and a comparison of ideas.

In the NATIONAL CO-OPERATIVE CLUB we have an organization which covers all the ground covered by the other organizations and promises all that the farmer could wish in an organization, with the additional advantage afforded by its

effective purchasing department.
These Branch Clubs are being rapidly organized in all parts of the country.

Full instructions for organizing Branch Clubs will be furnished free on application.

This is a noble work, in which any one who has his own and the interests of his brother farmers at heart should engage.

SAVED BY THE CLUB.

Saved on Musical Instruments. - The \$14 accordeon you purchased for me for \$8.50 arrived all right, and I am more than pleased. I saved at least \$5 .- Walter M. While, Green-

Saved SS on a Stove.-I have just received. my gasoline stove and oil. I have saved \$8 on my stove and 75 cents on the oil. I think I shall like the stove very much.-J. A. Mc-Fovern, Twin Brooks, Dak.

Saved \$5.-Thanks for the promptness in llling order. Freight on goods was \$1.50, making \$12.50 for goods. The same goods would have cost ma\$17.50 in Morris. Saved \$5; \$2.50 on scale and \$2.50 on groceries. -S. B. Smith.

Saved \$14.60 on Binder Twine.-My twine came all right and in due time. It saved me \$14.60 by buying through the CLUB. It pays to be a member and I think I will patronize it a good deal. Success to the CLUB.-George

Saved \$12.75,-I received the accordeon and violin all O. K. I was somewhat surprised to find such fine instruments. The accordeon would cost me \$15 here, the violin \$10; I saved \$12.75 after paying all charges .- Chas. Gustafson, Melrose, Montana

Saved \$6 on a Suit of Clothes.-The goods received a few days ago in good order. They are satisfactory. The suit is not any too large, but just right. Saved \$6 on it alone. I shall order through you again when in need .-U. S. Phillips, Leroy, Kan.

-Why pay tailors 3313 per cent profit? Saved 815 and a Better Grade of Goods. -The NATIONAL CO-OPERATIVE CLUB: The inder twine is all right. You saved me \$15 on the 600-pound order. It is a better grade of twine than our dealers are asking 14 cents for here.-Stephen J. Edmunds, Breeder of Holstein Cattle, Manchester, Iowa.

Secretary and Treasurer, elected at the last regular meeting of members, April 8, 1886.

The Board of Directors are elected by the members once a year, and have entire charge of the affairs of the Club, selecting its officers and shaping its poli-Saved \$2 .- Please find enclosed draft of \$8.25 for drill which I have received. The Co-OPERATIVE CLUB is a good thing. It has saved me over \$2 on this purchase alone. Your seeds came all right. They are all good. I have tried them. I feel very thankful for your kind attention.- W. T. Magee, Oskaloosa, Ia.

If more money is sent than is needed Saved \$3 .- I received to-day, by freight, to buy any article or bill of goods, the balance will be placed to the credit of the sender, or returned, as requested.

good condition, and as far as I have examined all are satisfactory. Saved \$3 on \$10.10. This includes freight. Will come again when I need goods from NATIONAL CO-OPERATIVE CLUB in the sender, or returned, as requested.

Be careful to send your true measure includes freight. Will come again when I need a new supply. Very gratefully yours,—R. B.

All goods are purchased for members at strictly wholesale prices, except where small broken lots are ordered, and on these even, the Club can save you money.

Mc Vay, Wheatland, Dak.

—The above saving was effected on a bill of groceries in broken lots.

Saved a Doctor from \$5 to \$6 on a McVay, Wheatland, Dak.

BOARD OF DIRECTORS.

Gen. C. H. Howard, Glencoe, Ill.; H. W. Wilson, Austin, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; Lydia J. Cadwell, Chicago, Ill.

The Best Premium we offer. It is given in addition to books or seeds. Our seeds are choice and valuable; in fact, some have written us that they would not take sport of the producers at heart, and with the exception of the Treasurer, who is also treplace them. Our books are also excellent. But those who will take adeviced by the hard paid the regular membership fee of \$1.

BOARD OF DIRECTORS.

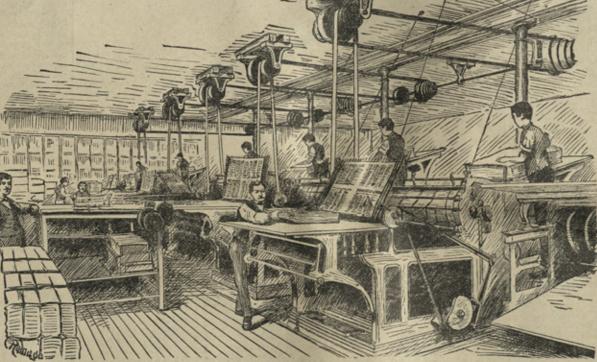
Gen. C. H. Howard, Glencoe, Ill.; H. Wilson, Austin, Ill.; J. W. Wilson, Austin, Ill.; J. W. Wilson, Austin, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, Ill.; J. W. Wilson, Austin, Ill.; Arthur H. Day, Glencoe, Ill.; J. W. Wilson, Austin, I

ranges, dairy supplies of all kinds, barbwire, binder twine, garden tools, and many other things too numerous to mention. Write for prices on what you want.

am well satisfied with them; the quanty is good, tea and coffee much better than I get here, and I saved 10 per cent on the goods by getting them through the Co-operative Club.

—S. B. Smith, Morris, Minn. getting them through the Co-operative Club.
-S. B. Smith, Morris, Minn.

Watches.—The watch I ordered of the Co-OPERATIVE CLUB I received all right. My son While the advantages of the CLUB are is delighted with it. We had a jeweler examine great to isolated families, they are very much greater to clubs. In co-operation said if twas his he would not take less than



We do not give premiums to each sub- | send them. For 4 subscribers at \$1.50 each, we will send this paper one year free to the sender, including Seeds and Club certificate.

THE OFFICERS

elected for the present year: H. V. Reed, Norwood Park, Ill., President; Arthur H. Day, Glencoe, Ill., Vice-President; Sarah E. Clinton, Chicago, Secretary; Capt. J. I. Wilson, Chicago, Treasurer.

BOARD OF DIRECTORS.

den published from time to time in the ARM, FIELD AND STOCKMAN over the ames of the writers.

AT A DISTANCE.

AT A DISTANCE.

AT A DISTANCE.

Only can its greatest advantages be secured. For example, in buying groceries in bulk, sugar by the barrel, tea by the half or quarter chest, and other supplies in larger quantities, and dividing them up among members, they can be bought by the bought this watch for Mrs. Dair, including changes and co-operative club sheet describing every advantage of Club.—

Mary Dair, Walkerton, Ind.

—The agent of the Co-operative Club in larger quantities, and dividing them up among members, they can be bought by the barrel, tea by the in larger quantities, and dividing them up among members, they can be bought by the barrel, tea by the

OUR BINDERY AND MAILING ROOM, COR. WABASH AVE. AND RANDOLPH ST.

selecting its officers and shaping its poli-cy. The following are

20 packets extra of seeds, or an extra collection of books, will be given for another name at \$1.50 with your own.

BRANCH CLUBS.

WE present our readers below with an elaborate array of seeds, books and other pots in the bouse, and tra articles which we give free to our subscribers and to those who work for us, on the conditions named in connection with each offer. We think we can safely say that in liberality our offers are unparalleled. Every article we offer is good and useful, and warranted to be as represented.

W Read the instructions to club raisers on the previous page. The

These Seeds Are Free.

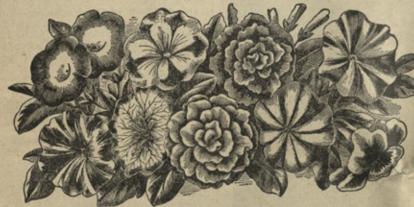
Every person who pays for this paper for a full year, either direct to us, or through an agent, and does not take the books described on another page or avail himself of the low club rates with certain periodicals when it is stated with the offer that no premiums are given, will be entitled to his choice of 20 packets of the following seeds, which will be delivered at his postoffice free of cost.

An extra combination of 20 packets will also be sent postpaid to any person who will send with his own name that of another subscriber, at \$1.50 each, unless he takes some other of our premiums described elsewhere. When ordering use our handy order sheet and subscription blank

which will be found elsewhere. Cut it out and write with ink. A Membership in the NATIONAL CO-OPERATIVE CLUB is

given free to every subscriber, whether he takes seeds, books, or periodicals. It is the most valuable premium we give to those who will make use of it. The subscription price of the paper can be saved on a single order for almost any kind of class, one foot in height; goods amounting to \$5. See elsewhere.

OUR FLOWER SEED DEPARTMENT.



OUR PETUNIAS .- See Description.

Our Flower Seeds are mostly imported from the best special growers of England, France and Germany, especially for this Free Distribution. We have selected hardy sorts only, such as can be easily grown and give the greatest profusion of bloom for the least labor. In quality they are unsurpassed. Twent packets of the same quality of seeds cannot be bought at retail for less than \$1.50.

PLANT AND CULTIVATE CAREFULLY. The seeds we send out in this Distribution are all good. If they fail to germinate it is through some local cause for which we are not responsible. We buy only from reliable growers, and then test each lot to make sure they are live seeds. If planted carefully they will be sure to germinate. Remember some flower seeds are very delicate and need careful planting and attention.

a ned transplant, a

Henderi forms spien-did pot plants for the



ABRONIA UMBELLA- AMARANTHUS,-Ornamental foliage plants, pro-TA.—We are sure our readers will be pleased with this fect as centers of flower rming trailer with its beds or mixed in with ntiful clusters of verbena-flowers. They are most ike flowers. It is sweet brilliant on poor soil. bloom. Nice for beds, rock I It is best to start them work or hanging baskets. It in boxes in the house is a hardy annual.

AGERATUM.-We offer two new varieties of this though they may iful flower, the Imperial Blue and Imperial White. sown in ibeds. Mela These were imported by us from England, and were not



will be found very choice. These are hardy annuals but

strains of seed for not less than 15 cents a packet.

height; mixed colors. large; habit pyramidal two feet high: one of the finest; mixed colors, Betteridge's Prize, a new ach plant looks like a

great beauty; mixed [] ANTIRRHINUM. -

mer and fall flower BETTERIDGE'S PRIZE, this indispensable sum-The Tom Thumb, of dwarf growing habit, and the across,

BALSAMS (Two elegant varieties) .- Sow in hot bed or in pots in the house; when second leaves have a good growth, set plants twelve inches apart; if center ots are pinched out the growth will be stronger;



OUR BEAUTIFUL ROSE FLOWERED BALSAM.

We offer two of the very best kinds, imported from called Gaillardia Hybrida IGrandiflora. We think our ngland and France. These are not the common strains readers will find this variety un of Balsams. The French Camillia Flowered is perfection itself. To buy the same strain would cost not less than 15 cents. Our Rose Flowered, of which we give an illustrate of the same strain would cost not less than 15 cents. tration, is also unrivaled.

CANDYTUFT (Two beautiful new sorts).-This is one of the most useful border annuals, very effective in beds, groups, ribbons, etc., also very useful for pot cule, for conservatory decoration during winter. Indis-



ASTERS.-A charming collection. Very beautiful ported them from Carter's, London. The New Crimson and popular hardy annuals growing from ten to eighteen is perfection itself. We want all our lady readers to try

CAMPANULA (Bell Flower).-We offer a new and very choice variety of this well known; flower, called Pyramidalis. It is very elegant. May be trained to any form of growth, and if sown early and transplanted will bloom the first season. Set the plants five or six;inches

CALENDULA (Something very choice).—The Calendula is a species of the old and well known Mari-gold family. The name was given because some of the ecies were supposed to flower every month in the Calendar. We have imported for this distribution two of rarest kinds. Pongei, or Pot Marigold; Double White Meteor, a splendid new variety with very large, beautifully imbricated, extremely double, striped blossoms; deep orange on almost white ground. The stripes are very regular, and the flower striking. Covered with blossoms from May till autumn. Comes true from seed.

CELOSIA (Coxcomb).-We offer a very new sort of



DEWIGGII (Pinks,-

OUR BEAUTIFUL JAPANESE satisfactory that can be may be sown in the house and transplanted, or in the ced-bed. Heddewigii a large and elegant single variety with right culture the flowers will average three inches

triped and Spotted. They are hardy perennials, but DIANTHUS CHINENSIS.—An elegant double variety, all shades of



are good bedding annuals variety from England espe

fore the flowers fully expand. Plant about a foot apart. Seeds

are white, yellow and red of very many brownish shades, ne of the best everlastings. We offer choice mix Carter Fire-ball. It is of the richest crimson marcon.

MIGNONETTE.-Two imported varieties. We

The seeds I got last spring from you did better than I expected, owing to the dry season. They are just splendid. I think the paper is worth \$5 a year to any farmer; at least I would not be without it. I will try and get some subscribers. Please send me a few sample copies which I will give to my neighbors. I don't see how they can help

in the house and tran-planted. The latter way is prefered by us for free distributions and but subscribe after reading one of your were imported by us for free distributions. tiful new Crimson, both very rare and choice. We impapers .-- C. P. WILDE, West Point, Neb. were imported by us for free distribution. 20 Packets of these Seeds are given free to every person who subscribes for this paper. See above.

OUR FLOWER SEED DEPARTMENT .-- Continued.

spring have done remarkably well, proving them to be of the very best as to quality and freshness, coming up well, and producing an abundant yield of very choice vegetables. The sending of such a variety of good seeds, and the fact that you publish one of the very best of agricultural papers that can be found anywhere or in any land, should easily secure you
where or in any land, should easily secure you
rows an inch apart, and drop two or three seeds to each
halt. bearing flowers of every shade of color, with dethe desired increase in the circulation of the inch of row. Choice seed is very expensive, and it will lightful fragrance and abundance of bloom the entire We offer two extra fine new varieties imported from FARM, FIELD AND STOCKMAN .-- M. ORN- pay well to take extra pains to raise good plants, and season. Seed may be sown in hot-bed or in pots in the England-Saxatile, a beautiful new golden yellow har-

CALENDULA.—See Description

profusion; invaluable for Half hardy perennials. spring blooming, or in the tain flowers the first year. LARKSPUR.-TW

are among the handsomest and most useful of plants. Their finely cut leaves and beautiful flowers, of scarlet, pink, purple, blue and white, make a pretty show in any garden. They will grow in almost any soil; are hardy and fine flowering; plant in rows in fall or early spring; thin out dwarf varieties eight inches apart; tall varieties, eighteen inches apart. We offer two new sorts, both imported. The New Emperor, a profuse bloomer, a single plant seldom seen with less than 100 spikes of flowers,

and Double Stock Flowered; these are as double as Bal-NASTURTIUM.-Two new kinds. These will summer flowering

son that they stand how high the ther. satisfatory. a poor, rocky soil. bear endency to make

"Tom Thumb" varieties are splendid bedding sorts. We offer the Torr Thumb and King of the Tom Thumbs, both imported

NIGELLA. ily, may be sown ground early in spring. Hardy showy flowers. We offer the beautiful double dwarf variety shown in the ac-

The seeds you sent me with the paper last spring have done remarkably well, proving them to be of the very best as to quality and freshness, coming up well, and producing an analysis of the very best as to quality and freshness, coming up well, and producing an analysis of the very best as to quality and freshness, coming up well, and producing an analysis of the very best as to quality and freshness, coming up well, and producing an analysis of the very best as to quality and freshness, coming up well, and producing an analysis of the very best as to quality and freshness, coming up well, and producing an analysis of the very best as to quality and freshness, coming up well, and producing an analysis of the very best as to quality and freshness and transplant for earlier blooming. We offer the new Grandistora only. They are large flowering, and much finer than the common kinds. can get it to hold. It should be thoroughly mixed with the soil by forking the bed over two or three times. The seed is frequently sown in the autumn. It will do well, Our lady readers will testify as to their beauty. however, if sown in a box in the house early in the STOCK-TEN WEEKS,-The annual Stocks

FARM, FIELD AND STOCKMAN.

box in the house. These are the most popular of all flowers. The seed we have secured for this distribution is, we think, unexcelled by any, the latest kinds, such as Scarlet Inthis distribution is, we think, unexcelled by any, either American or Foreign seed. It was saved for us by a man who has been an enthusiast in the pansy culture for over thirty years. We have also mixed with the seed bought of him, some of the finest English seedlings, imported from Waite, Nash & Co., England. The mixture contains over thirty varieties of the latest and prettiest kinds, such as Scarlet Invincible, Painted Lady, White, Striped, Black, Purple, Purple Striped, The Queen, etc., making an unsurpassed collection. We send them out mixed only. We bought them separate, and did our own mixing. It is an unsurpassed collection. Plant as soon as they can be got into the ground in the spring, and give them something on which to climb.

and finest large flowering strains. PETUNIAS.—For a farmer's flower garden or any other garden there is nothing in the flower er line so easy to raise or so satisfactory as petunias. Especially will this be the case with the plendid collection which we have imported from | colors, and Hunt's Fine Varieties. These are worth England to present free to our readers, in this | 10 cents per packet at retail. seed distribution. We bought each sort separate SOMETHING GRAND,-A RABE AND BEAU-

bought at retail for less than 25 cents for a smaller pack-et than we send out. Seed may be sown in hot-bed or tirely unknown to seedsmen and florists, and so brilliant show. Start early in pots or under glass, and in pots in the house; transplant eighteen inches a part; far as we know is unnamed. We tried it in make a fine display in pots or beds; do not always come our garden this year and found it to be a mardy their beauty for weeks, and a profusion of bloom will be missed.

for profusion and duration of bloom, and richness of SWEET ALYSSUM,-Very useful for beds or color. About one foot high; well adapted for bedding, making a dazzling display. Sow in the open ground in

box begin to crowd each other before the soil in the garden is ready for them, transplant into another

den is ready for them t

SWEET WILLIAM .- Well known, beautiful,

and mixed them ourselves, so as to be sure of a fine collection. Mixed with splendid mixed large flowering kinds of all colors, will be found Splendard Development of the kindness of one of our subscribdid Double Mixed Sorts. Dunnett's Blotched, ers, Mr. Clark Gale, of New Mexico, we have succeeded in getting a supply of the seed of something



NEW NIGHT-BLOOMING MEXICAN PLANT

DIANTHUS HEDDEWIGH (PINKS.)-See Description. PORTULACA,-Hardy annual. Sow in sunny soil | plant. The flowers closely resemble the flowers of the y, thin to nine inches apart; flowers in abundance, pond lily. They are about the same size and are a pure and of beautiful colors. We offer the finest strain of | delicate white with yellow stamens. The flower opens mixed single varieties imported. There is none more at twilight and remains open during the night, closing



PHLOX DRUMMONDII. - Splendid large adii is one of the very only along the sandy, gravelly borders of the Arrozos (?) est of annual plants, and stands almost unrivaled | where the water courses to the canon during the rainy

not able to attend the fair at Fredonia on is very limited. We can only put about a dozen in a towards that 100,000. We like you paper well and feel account of our removal to Angola, but we packet; as the plant is large, this will be enough for any garden.

Backet; as the plant is large, this will be enough for any graden.

I received my free seeds all right and am more than



Would not Take \$1.50 for Seeds.-Paper Worth Still More.—The seeds came all right. I was more than pleased with them. I was not expecting half or the seeds. Many thanks, I wish to tell you that I

Veatch, Fairbury, Ill.

does not grow on the plains or mountains, but is found quite a number of things grown from seed sent me by

> the seed farms for less than \$1, and probably might much for only \$1.50, as the paper is worth all you ask for it, besides the one dollar membership fees and the free seed distribution, which if each and all were paid should squeal?-J. C. Strackbine, Le Roy, Kan.

Your paper is truly a prize. We were that within a radius of two miles," Our supply of seed I must try to send you at least one new subscriber



five inches apart will of flowers the whole sown in the open ter to start in a box in



VERBENA,-Well known and universally popular bedding plants, blooming all summer. May be treated

the seed early in the house, Tender perennials. Our colfiner than the very choice one sent our readers last

did mixed we have added quantities of the new Scarlet Varieties, mixed White Varieties, Italian Striped and Lemon Scented, making an unsurpassed collection, such as cannot be bought at retail of the same quality and quantity for less than 20 cents per packet.

TESTIMONIALS.

Very Much Surprised,-I received the seeds all rised to find you gave such an amount of seeds with your valuable paper. Please send me Co-operative Club certificate.—J. E. Daucding, Galva, Ia.

may you be supported is my earnest wish, -Smith

Bigger Packets than Seedsmen Give.-The free seeds were received all right, and I was more than pleased with them. They were worth more than the seeds in each packet as there usually are in two packets up again before morning. It also emits a very delicate mometer may record. They flower better, however, in bloom. We offer two sorts, the Double Mixed and the

Our Seeds in Canada,-I received the cards that I to take a prize at our fair, which comes off next month, raised over 350 pounds of pumpkins, the largest veighing ninety-four pounds. I hope to exhibit you. I hope to get a large number of subscribers.—Will-ard H. S., Hopewell Hill, N. B., Canada,

Every Yearly Subscriber may select 20 packets of any kind of Seed in this List. We mail them free.

VEGETABLE SEED DEPARTMENT.

The vegetable seeds we sent out in our Free Seed Distribution last year made an excellent record, as can be seen from the many testimonials, and premiums taken at the different fairs throughout the country. While retaining all the old varieties which have proved meritorious, we have added many new ones, which we send on trial.

Our large Pumpkins, Squashes, Watermelons, Mangels, etc., won premiums in almost every case when exhibited at the fairs. We are determined our readers shall have the best

When making your selection cut out and use the handy order sheet found elsewhere. It is made for a club of ten subscribers or less. If you need more of them we will send them free.

BEANS.

Prolific Tree Beau.—These beans took the first premium at the Illinois State Fair, over a number of the best varieties. The winning half bushel formed a part of our exhibit, and was contributed by Robert Shedden, Pingree Grove, II. Mr. Shedden has grown them for a number of years, having originally the product of the creek for the core. It grows to the acre. It gotten his seed from our Mr. Wilson, who was one of the grows to an enorm

first to introduce them to our bean growers.

Mr. Shedden, who is a competent judge, thinks they are the best grown. We believe them to be a great improvement over all other sorts. They will produce as large a crop as the Navy, from one-third the amount of | 8 how, England, seed. Plant in rows, thirty inches apart, one bean in a specimens were explace in the row, eighteen inches apart. This is all the seed that is necessary to fill the ground. You can get a half bushel from the packet we send you with right ture which, if exhibited at your fair, will be sure to sent out by us last

The following from one of our subscribers who got the beans last year, speaks very plainly of their merit: The seeds I got free with my paper did well, consider-ing the dry season. I had one tree bean vine produce son boons. The watermelon and cabbage are excel-

Early Cluster .- A New Pole Bean .- This is FIELD AND STOCKsaid by the originator to be fully two weeks earlier than any other pole variety. If this statement is true it will be a splendid acquisition to the bean family. In the green state the beans are white and nearly as large as the Lima, and when cooked resemble Lima so chib for you. I ely as to make it difficult to distinguish them apart. like your paper They are frequently fit for the table before the Lima commences to blossom. They are also very productive. We have only one peck of these beans, and cannot get five papers that I sore when they are gone, except at such an extravagant take weekly, and price as to be beyond our reach for free distribution. Your seeds are excellent. We raised a radish from your Each packet will contain ten beans only, and when

BEETS.

The New Eclipse Beet.-This new beet ha best early garden beets. We want all our readers able for its wonderfull rapid growth, smallness of top and extra fin quality. It is of German origin.

Encouraging Words.

I received your very nice package of seeds and was well pleased with per is read with great

show it to my neighbors NEW ECLIPSE BEET. TIONAL CO-OPERATIVE CLUB, and may you ever conlasting subscribers by your open and candid procedure. a good paper. With the two I think I have the best,-E. Davis, Cumberland from Works, Tenn,

A New Sugar Beet, Walte's Improved, We



ing dairy cattle, sheep, 8 per cent more spour will yield nearly as much large size and will win the premium at your fair. The packet we send, produce half a ton of beets. By saving a few roots and planting them the next spring you can grow all the seed you

Seeds Alone Worth \$2.

Our Improved Long Red Mangel.-We im-

spring took many

Please send me a list of names for samples,-Wm. Stirk, La Fayette, Ia. | copies of the FARM,

seds that measured twelve and a half inches in diame-

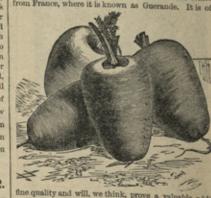
ontaining less water and more sugar than other kinds quite thick in the rows, and as it grows to a large size, i With care almost half a ton can be grown from an acre. It will be sure to win at the fairs, as there is none in the ountry only what we send out,

CABBAGE. Henderson's Early Summer Cabbage.-This pact heads of very chol week later than the earlie

louble the size. As it doubt

Burpee's Famous Surchead Cabbage.-This is a fine cabbage noted for the fact that it never fails to head. It is the product of carefully hybridizing and continued selection by an experienced market gardener. As the originator says, "it is all head and always sure to head." It pleases us and we are sure with the same of the continued selection by an experienced market gardener. As the originator says, "it is all head and always sure to head." It pleases us and we are sure with the containing only appear to be described by the containing the

CARROTS.



I received my seeds all tion. It will make a fine show at the fairs,

uality, being entirely free from any shoot to seed. hard core. For private table use and for market, we think this Our New York Improved Long Purultivation.

Short Horn or Early Scarlet Horn Car- ple. Flesh white and of excellent quality. When their rot.—One of the most popular varieties grown; color, deep orange; fiesh fine grained and of agreeable avor; top small; grows well in shallow soil; and is one

White Plame Celery .and of good flavor. ng the soil up, the

Dwarf White Golden Heart, -A half dwarf vari y; when blanched the heart is large and full, of a golen waxy yellow, early, solid, and of fine flavor; a splen

CAULIFLOWER.



Our Early Snowball Caul-iflower.— Very early and reble in heading. Of dwarf habit with very short outer leaves, al wing it to be planted close to gether. We can recommend this variety to gardeners as one of the very best early Cauliflower. Seed

Early Paris.-This is one of he best sorts, quick and sure to

From New Hampshire.

when made into pies. I am now taking five papers but like yours the best. I think any one taking your paper needs no other agricultural paper. We feel safe in what we read, and the information we get can be used by the oor farmer as well as the rich .- A. P. Shipley, Nashua, N. H.



of Rhode Island, Our ty only first intro-stock was grown from duced lastiseason. We stock procured from bought seed last the originator. It has spring at a very high produced good ears for price with which to

waite's Improved. We imported the seed of this beet from Engiand. It has made a fine record there and is considered there and is considered the seed your meighbors.

Someritorious that we shall send out another for this year. A large seed house in Philadelphia is sending it out this year as a rare novelty. They say of it: "We pronounce it the most delicious of all sweet corns, and the most valuable of all recent introductions for family sweet, extra early, and a prolific bearer. From our ex-

ton Pickling. It is undoubtedly the best sort for pickling. It is not new, but doubtless m our readers are unacquainted with its merits,

LETTUCE. Our Improved Golden Hearted Lettuce.

t produces large heads, firm and solid. Grows quickly tion for weeks. Outer color dark green: leaves, curled; mon sorts in quality, although it is very good. We add heart, rich golden yellow.

it to our list on account of its enormous size. It makes

Stonehead Golden Yellow Lettuce.—A new a splendid exhibition onion, one which is sure to win.

Coreless Long Red Carrot.-The novelty of this from the top. The leaves never turn dark brown, or carrot is that it has no core. It is a splendid new varieterrot is that it has no core. It is a splendid new variety, sure to please. It is a beautiful many considered the very best flavored lettuce grown. rariety, growing twelve to sixteen inches long and two to three inches long are twelve to sixteen inches long and two to three inches long are twelve to sixteen inches long and two to three inches long are twelve to sixteen inches long and two to three inches long are twelve to sixteen inches long and two to three long and t diameter; stump rooted; of perfect use very early, and after it reaches perfection remains form, very rich color and excellent of the same fine quality for weeks, before it begins to

> one of the best long carrots in ple Egg Plant.-This is the best sort we can find. It grows to a very large size. The skin is of deep pur-



NEW YORK IMPROVED LONG PURPLE EGG PLANT. value is fully known, egg plants will be found in every

MUSKMELONS.



out large quantities of the seed of this melon last spring, the reports from It is a favorite melon with us in our own garden. supply of seed from head our thousands of new read-

melon. The fruit is nearly round flattened at the ends, the others above par.—Geo. W. Newman, Rossville, Ill.

Red Fleshed Tankard.—Another New Mangel.—This an entirely new sort, not known he has containing less water and more sugar than other kinds the price of the paper, although was sorry to miss the shape of a tankard, like the cut. It is very rich, containing less water and more sugar than other kinds



Our Sugar Corn.

Two splendid new uniformly of fine, inscious flavor; skin green, regularly uniformly of fine, inscious flavor; skin green, regularly ribbed and thickly netted. They are almost as solid as This is said to be the a cannon ball, and will keep well five to seven day liest of all sweet after picking. They are a very heavy cropper. They corn. It was origi- are extra early in ripening.

nated by Joseph Cory, | Emerald Gem.-This is an entirely new variety



CARROTS.

Our Ox-Heart Carrot.—This fine carrot comes from France, where it is known as Guerande. It is of Pickling Cucumber—Under the former name best known, this best known, this however, to supply the family with melons.



New Mammoth Pompeii Onion.— This mammoth onion he ancient city of kes its name. This

fine quality and will, we think, prove a valuable addi-tion. It will make a fine show at the fairs.

Stonenead Golden Tenov Letting and Stonenead Golden Te I am very well pleased with the FARM, the White Tennis Ball, has larger heads, and is unsurpassed for table use. We sent out a large quantity of reddish brown color, the flesh white, mild and pleasant.

pleased. I think the seed was worth \$2 alone.—0.

F. Petre, Kent, Iouca.

I am very well pleased with the FARM, passed for table use. We sent out a large quantity of this last season.

The seed of this sort is costly, having to be imported this last season.

The New Perpetual is a distinct variety, forming huge, compact bushes, the leaves curing outward itsel. Twenty well filled Packets of these Seeds are given free, postage paid, to every person who subscribes for a year at \$1.50.

OUR VEGETABLE SEED DEPARTMENT .-- Continued.

purple winter radish, ar

RADISHES.

1886.

mmoth salmon-colored skin; flesh bright yellow, fine grained SilverKing. and of excellent quality. One of the best pie pumpkins, We distrib- as well as a splendid variety for stock. It is very conuted a large pact and solid. The product of our seed sent out last quantity of spring won premiums in all parts of the country last the seed of season.

fairs wherever exhibited. The skin is of a beautiful, silvery white; the flesh is snowy white, and of a particularly mild and pleasant flavor. The Silver King matures early, and is uniformly of large size and perfect form. We have secured another supply of seed for our new

Giant Red Rocca of Naples-This large and magnificent variety of the Giant Rocca Onion came direct from Italy. It is of globe shape; skin always bright red, white flesh, of mild pleasant flavor, and an excellent keeping colors released. excellent keeping onion; valuable either for autumn or spring sowing. It will readily produce onions of one and a half to two pounds weight the first year from the black seed, while if the smaller onlons are set out the second year much larger weights will be attained. We sent out large quantities of this last year, but offer it again for our new readers

Earliest White Queen.-The bulbs of this are small, flat, white, and of excellent flavor, but the principal recommendation is the rapidity of its growth. sown in February, it will produce onlons one or two inches in diameter early in summer. Sown in July they will be ready to pull late in autumn, and will keep Giant White Stuttgart Radish ning their most jexquisite flavor. variety is very early

Our Champion Moss Curled Parsley.-We im- five to eight weeks after ported this sort from England. We think it is a little ahead of any sort we have here, It is beautiful for duce roots as large as

Squashes Enough to Pay Five Years' Subscription.

The free seeds received from you last spring were all good seeds, but on account of the dry season I could not give them fair trial. We had no rain here all summer until the 15th day of August, but raised squashes enough to pay for the FARM, FIELD AND STOCKMAN for five years. My Tree Beans were also good for this for five years. My Tree Beans were also good for this is always the very finest, year, and Improved White Cap Corn was good, but the firm, brittle, and not ear, and Improved White Cap Corn was good, one the street was not a spring wheat.—Frederick Mersch. pithy, so that they can be GIANT WHITE STUT

PEPPER. of glossy red color with a



ported our seed from some of the best growers in England. The Seeds in Oregon. I like your paper so well

am able to raise the p y for

Most of my neighbors ent you twelve or fourteen names of the best men I knew here. You sent them several numbers of your paper and I am glad to know that some of them have sent for the FARM, FIELD AND STOCKMAN, and stopped the papers they had been taking. I am well pleased with the seeds you sent. I had a few onions of the Red Rocca variety which measured sixteen inches in circumference, but not enough to exhibit at a fair, though my neighbors say they beat the world. The corn was the best I ever raised in Oregon,-E. Veazey, Gervais,

PUMPKINS.

Mammoth or True Potiron Pumpkin.-Very choice. Our premium for largest pumpkin was awarded this variety at the Illinois State Fair. It has Our Mammeth Chili Squash.—This is the roundish, heart-shaped leaves, a short, cylindrical fruit

Jumbo of the squash tribe. Fo immense size it has n stem, a permanent, fleshy stile, and five carpels or equal. One of our readers, Mr. Robt. Shedden, Pingre-

Took Several Premiums.

FRENCH BREAKFAST. is imported.

SQUASHES.

Exormous Size: When the squash or pumpkin has a

growth, take a small brace bit and drill a hole in the

other end in a pail of water. The squash will drink n

weight. We impart this secret confidentially to or

shape, red, tipped with

very attractive. Our seed

seed I received from you last spring. | trial. The reports on it are very satisfactory. I did not plant with the intention of exhibiting anything at the County Fair, but some things grew beyond ny expectations, so I took them to the air and was awarded three first preiums and a number of second premims. I received first premium on otatoes, squashes and turnips, I had three Mammoth Chili that weighed sixty-eight, seventy-four and seventy six pounds. These are not very large but please bear in mind that I live nearer the North pole than most of containing only a few seeds, last season. your subscribers. I also raised fiftyLivingston's New Beauty.—The name of Living-

double rows of seeds. The form of the fruit is an oblate spheroid, depressed at the blossom and stem ends, and marked with ten or more wide meridianal furrows. It and three-fourths pound each,—S. B. Smith, Morris, new applicant for public favor will surely win its way to

weighing 265 pounds. Another party in Nova Scotia | want to give it a trial. alsed one weighing 292 pounds. They were not so ter, and 100 to 200 pounds for more in weight. It has a large this season on account of the long dry spell. We



MAMMOTH CHILI SQUASH

bottom it becomes awarded our premium at the Illinois State Fair to one pure white. weighing 115 pounds. Premiums were won at fairs in The roots at-all parts of the country on the product of our seeds of this variety, which we sent out free to our readers last size and re- year. It is not only a monster in size, but is also of exmain for a cellent quality, and very profitable for stock breeding.

long time tender and Our Pine Apple Squash.—We sent out a large s a radish seed of this



The American Custard Squash,—This is an en-

rely new variety which comes from Ohio. The origiso that they can be GIANT WRITE STUTTGART tard squash is of oval form, skin thin, and when ripe for use at any RADISH.

It was so highly recommosated by jour reasons of bright orange color; flesh, rich salmon yellow. It is tried it last year that we again add it to our list. excellent keeper. They are wonderfully prolific. I grew Our French cight fine specimens averaging twenty pounds each on one vine the past season. It boils or bakes exceedingly This is one of the very best of all turnip radishes. It is not exactly new, but is with the best and for family use it stands at the head.

White Sweet.—
Wh so good we include it in so good we include it in this distribution. We want all our readers to supply is very limited, and no more can be had at any

have it. It is one of the price, consequently packets will be small. earliest. The favorite in The New Red China Squash.—This beautiful little squash comes from China. It is immensely pro-lific, each vine producing ten or a dozen squashes. The



is very hard, needing an axe to break it open. We sent of our readers reporting meions of forty pounds weight I planted the potatoes and garden out a large amount free to our readers last season on in spite of the dry season. Its flesh is bri



n is connected with nearly all our best tomatoes. The new applicant for public favor will surely win its way to

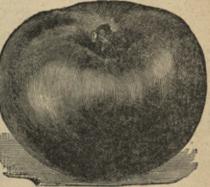
Grove, Ill., raised one for the New Orleans exposition | also. We have a nice stock of seed, enough for all whe

Turner Hybrid .-Burpee's, last season. We send it out on trial.

Optimus .- Anothe duced, which we send out for our readers to



Wilson's Improved Climax Tomate. This variety is the Climax introduced six years ago, im proved by six years' selection by our Mr. Wilson. We are unable to find a tomato to beat it, in all that goes to make up a perfect tomato. The vines of this sort are of strong, healthy growth, and are completely laden



with fruit, thickly set in clusters. The tomatoes are of a deep, rich red color, perfect in shape and smoothness; the skin clear and rich; remarkably solid, with no green core and very few seeds. They are uniformly of a good size, ripen all through and completely around the stem, never crack and are free from deep-ribbed specimens. They mature early and bear continuously until frost

TURNIPS. The Purple Top Munich Turnip.-We sent out a large quantity of this sort last year. As we can find no better sort, we make it our only garden turnip again. have a dozen laid up for winter, besides selling and giving away about two dozen. The cut represents this variety in cultivation, forming bulbs six inches in diameter within three months, which, however, must be used

> New Shamrock Rutabaga,-This is one of the largest and best purple top varieties. The seed we send out was imported by us. It is a splendid sort for exhibition purposes. With proper culture a wagon load can be rown from the packet of seed we send out,

White Sweet.-This is a very choice, sweet variety,

WATERMELONS.

Kolb's Gem.—This is the king of all water-melons. We bought 300 pounds of this seed for our free seed distribution last season, and sent it into all parts of the Union. From all quarters the reports are



unanimous in its favor. It won premiums at almost State Fair. It is also driving out all other kinds in the rates its uniform shape. It grows to a large size, many and of excellent flavor. We have secured a large supply of seed from headquarters, for the benefit of readers. All will want it.



seeded. This fine melon. can scarcely be praised to s carlier than the Kolb so can supply, SCALY QUEEN and PINNY'S

Worth More than \$3.

I consider the seeds worth the subscription seed obtained direct from headquarters. We think this Many thanks for them.—MRS. CHARLES

the front rank. We like it and think our readers will ULRICK, New Providence, N. J. Show this to your neighbor and tell him he can have 20 packets of these seeds if he will subscribe for a year at \$1.50.

1886.

OUR SEED GRAIN DEPARTMENT.

It is a fact long ago established by experiments that it pays to change seed every few years. One object we have in making this distribution is both to give our readers a change of seed, and at the same time introduce new and improved varieties from foreign countries, and from originators in this country. For the purpose of getting together a large collection and ascertaining by comparison which is the best, we offered a series of valuable premiums aggregating nearly \$1,000 in valuable. getting together a large collection and ascertaining by comparison which is the best, we offered a series of valuable premiums aggregating nearly \$1,000 in value to be awarded for the best new or newly imported varieties of the different kinds of small grain, corn, and vegetables. This offer drew together a large collection, from which we have selected some of the best to be given free to our readers. Some of the sorts are very new and comparatively untried in this country, and if they do not prove as good as we think they will, remember they cost you nothing, but are sent you free to experiment with. We want our readers to report next fall their success with, and opinion of any varieties which they may choose to try. We are sure some of them will prove very much better than the kinds in general cultivation. They are the result of skillful and patient selection and cross fertilization.

How to Cultivate.

Each one will naturally want to get the largest possible yield from each packet (about one _unce) which they will receive. To do this, in the case of small grain, plant one grain in a place six inches each way, on good soil, and cultivate and hoe it, giving it all the chance possible to tiller out. In this way a bushel has been raised from a packet of seed. Each of our readers can easily raise a half bushel. If possible, give them a sheltered place. When cultivated they are liable to grow rank and are more easily beaten down in case of a storm. If you cannot give them a sheltered place it will pay to drive in stakes and stretch wires in different ways through the patch to support them in case of a storm. By all means keep the chickens, turkeys, cows, pigs, etc., out. It would seem as if almost half who chickens, turkeys, cows, pigs, etc., out. It would seem as if almost half who received samples sent out last year had them destroyed in this way. They will well repay you for any care bestowed upon them.

grain for all purposes for which barley is used, and will

WINTER BARLEY.

Empress .- This sort must be sown in the fall, like

SPRING RYE.

Sow in the spring the same as spring wheat. This

rye is becoming very popular. The sample at our

FALL RYE.

Newly Imported Seed.-Seed imported from En-

bushel, stools out spiendidly. Our readers should try it.

Oakshott's Champion.-Seed imported from Oak

shott's, England. This is either a spring or winter sort,

in our exhibit, both of which were fine, It weighed

sixty bushels to the acre. The heads are very long. The

New Triumph, Bearded.-This is another sort

spring and fall wheat were shown in our exhibit. The

French Imperial, Bearded.-This variety can-

WINTER WHEAT.

rry is plump and large, It is a soft, white sort,

WHITE OATS.

Badger Queen.—This variety was grown and energed in our Illinois State Fair exhibit, by Orson Angell, of Oshkosh, Wis. We place it first on our list, and make it our principal out in this distribution, because it was awarded our first premium, a David Bradley Gang Plow, price \$75, over about twenty-five competitors. It is a white oat, origin unknown. It came from the West. It is a remarkable stooler, and has a stout straw. Mr. Angeli says of it: "Grown and tested alongside of all the leading varieties, has far outstripped them in yield weighs fifty-nine pounds to the bushel. Our stock was the reading varieties for the Ohio experiment station this outleads all other varieties in yield, averaging the Illinois State Fair. It should be covered in winter. enty-five bushels to the acre. It matures early. We

Oakshott's Race Horse .- We imported this variety Onkshoft's Race Horse.

Inst year from England, and introduced it by sending out a large number of packets into all parts of the country. So far as heard from, the reports are all one country. So far as heard from, the reports are all one country it. way-in its favor. It was awarded second premium in our exhibit, and has won first premium at other State airs. At the Ohlo Experiment Station it was the heaviest out per measured bushel. It is a very early variety. We have an ample supply for this season's descaped, and weighed sixty and one-half pounds to the

White Swede.-This oat came from Sweden, brought by a Swedish colony into Minnesota. It has a bright, stiff straw, long, well filled bead, and stands up well. It yielded this year from sixty five to seventy-five bushels per acre. Our seed came from F. Dick, Afton, Minn., who obtained it direct from the Swedes who imported it. It is an early oat.

BLACK OATS.

Black Russian.-This is, undoubtedly, the best black out ever introduced into this country. The sample exhibited in our Illinois State Fair exhibit weighed. We sent out a lot of it last spring, the reports from forty-seven pounds to the measured bushel. It is one of which are very favorable. Samples of it both as a e sown in the fall, as it will stand the severest cold. It seed was originally imported by our Mr. Wilson. It is is said to be entirely free from rust. The grain is plump, heavy and thin-skinned. It is also very prolific. We have an ample supply, grown from imported seed.

premium at the Illinois State Fair, as exhibited by our it we add it to our list. It has a large head, long, hard again included it in this list. ion last year. We retain it this year for the benefit of our new readers who may want to try it rather late in maturing.

RED OATS.

have not done so try it. It is used largely to sow with small head and small, hard, red kernel, Scotch barley to grind for feed, as they both ripes, at the

awarded our first premium at the Illinois State Fair ex- being Mr. Robert Shedden, Pingree Grove, Ill. Itis a awarded our first premium at the Illinois state Fair exhibit. In spite of dry weather it yielded fifty bushels to
heautiful soft white wheat, large plump kernel, very

Clark's Onarga Yellow Dent.—Another prizetown head and a large yielder. the acre and weighed fifty-two pounds to the bushel, heavy head and a large yielder. this are and we greet my outyielding all other White Swan Club.—Another newly imported for central latitude. It is a little larger eared this its first year in this country, outyielding all other white Swan Club.—Another newly imported for central latitude. It is a little larger eared the same of a relding and the same of a reld kinds. It is two-rowed, with very long heads, averagkinds in length, with from thirty to forty
ing about six inches in length, with from thirty to forty
It has a long, chunky brown head, white, plump kernel;
Our supply is from extra select ears. grains to the head. It is a fine sort for feeding pur- weighs sixty-five pounds to the bushel.

HARD RED VARIETIES.

Deihl.—A very pretty wheat. Large, hard red berry. Mediterranean, Bearded,-Large head; large, hard red berry; blue straw, a splendid variety.

Kessingland, Bearded,-Dark red color; very nard; very long head. Large yielder and a good variety in every way. From imported seed.

BUCKWHEAT.

Silver Hill,-This improved variety is much better an the old sort. It is in bloom longer, matures soon er and yields a larger quantity per acre. The husk is thinner, the corners less iprominent, and the grain of a beautiful light gray color. The flour is said to be better. It was awarded first premium at the Illinois State Fair as shown in acre. The

CLOVER.

Alsike, or Swedish. (Trifolium Hybridum) .his valuable variety is fast gaining great popularity. It is the most hardy of all the clovers; perennial, On rich, noist soil it yields an enormous quantity of hay or pasture, and may be cut several times a season, but its great value is for sowing with other clovers and grasses, as it forms a thick bottom, and greatly increases the ue \$75, at our Illinois State Fair exhibit. It also took yield of hay, and cattle prefer it to any other forage. | the first premium (\$15) given by ithe State Board of Ag-The heads are globular, very sweet and fragrant, and riculture. It is a pure yellow large-cared variety, ave much liked by bees, who obtain a large amount of hon- aging about twenty-four rows. The grains are deep and cy from them. Sow in spring or fall, at the rate of six | narrow. We have secured a supply from extra select unds per acre, where used alone. Sixty pounds per bushel. The packet we send will enable our readers to

Lucerne, or Alfalfa. (Medicago sativa.)-Early, productive, succeeds in nearly any good soil, and lasts for a number of years. Valuable for the South, as it arives on dry, rich, sandy soil, producing three*to four attings annually, and even in seasons of severe drought always fresh and green, because the roots extend deep into the soil. It grows two to three freet high, it cannot be praised too highly. It was with purple blossoms. It yields an immense amount of green food for cattle, and should be cut when first commencing to bloom, or it can be cut and used as ordinary careful selection by Mr. T. J. Leeds, a prominent farmer of Lawrenceburg. fertility. but does not succeed on compact clay or in land with impermeable subsoil. Sow eight to ten "It is large, deep-grained, large cob, and

CORN.-EARLY SORTS.

ounce) plant one grain in a hill only and in a square patch to insure fertilization. Do not spare the manure at all. Is a hardy, rapid grower. I patch to insure fertilization. Do not spare the manure of the hoc. By sturing a packet of each kind and planting them far enough apart to prevent mixing, you can make a fine show at the fair next fall.

Cate Field This variety was contributed

sort for many years and also sold large quantities for seed when in the seed (business. It is one of the best sorts for extra carly. It is the product of many iyears' careful selection. Be-Black Champion.—This is another new black cat, well worthy of introduction. It was awarded the first known, but for the benefit of those who have not tried premium at the Hingo's State. Far, as exhibited by our

Mr. Wilson, and also second premium on an exhibit by red grain, and is an excellent yielder and a favorite Cater's Improved Early White Dent.-This is Kessingland, Bearded.—Our seed is grown from imported stock. It yielded this year forty-eight bushels per acre and weighed sixty-four pounds to the bushel. It has very long heads, large, plump grain, light red a heavy, thin-skinned variety, yielding largely but is It has very long heads, large, plump grain, light red, same time taking extra pains to keep it pure. It is a pure white dent corn, extra carly; has a large car for so Saskatchawan Fite Club.-This is a variety that early a variety. The originator and his neighbors say Red Rust Proof.—This is a favorite out in many localities, and we would like to have our readers who localities, and we would like to have our readers who account of its earliness and hardiness. It has a those who want to try it. The corn comes from Lake County, Ill. It took premiums at both Lake County

Oakshott's Chidharn. - This newly imported White Cap Dent. - This is a splendid early white SPRING BARLEY.

Variety coming from England, was awarded our first premium, a Tiger Coil Spring Harrow, made by large yielder and good every way. It pleased our read-tone England, tried one year in this country. It was Lawrence & Chapin, Kalamazoo, Michigan, the winner ers last season. So we add it to our list again.

CORN.-LATER SORTS.

weighs sixty-five pounds to the bushel.

Oakshott's Talavera, White Clab.—We sent this out sas spring wheat, last spring. Experiments defining corn was sent us by S. Y. Haines & Co., Philadelphia, Pa. It is an entirely new and distinct type; although it is a spring wheat in England. It is a splendid.

Rennie's Improved Six-Rowed.—A heavy yielder and fine variety for malting purposes. Those who grow harley for haiting purposes. Those

years ago, and takes the lead there to-day, both in pro-Other Varieties of Oregon Wheat.—We also have from the same source: White Mole, Golden Chaff, White Velvet, all very fine, soft, white varie ties.



Acme Yellow Dent .- This is a very fine thorough-

Leed's Mammoth White.-Our of our subscribers in Indiana, who says not less than two pounds, and up t To obtain the largest yield from the packet (about an | three and one-half. If planted regular Queen of the Field.—This variety was contributed to our exhibit by Clement Freeman, Princeton, Ill., turning out from sixty to 100 bushels to who we believe is the originator. It the acre. Mine will run from seventy-

was awarded the Butler Sulky Plow, offered by us for the best variety of could see the field. Nothing but the plows were used. Early Yellow Dent corn. It ripened this year in almost 100 days from plant have been better. I can refer you to several of the olding. It seems to be a model early variest corn-raisers in these river bottoms and on the hills, ety. The ears average almost eight in-ches in length. Kernel deep, and cob-with it."

small, red, average about fourteen rows. We think it well worth a awarded premium for the best Yellow Dent.—This corn was nois State Fair. The cut is made from a photograph of North Star .- We have grown this a section of an ear. It is true to life. It is of the



grained. It is the product of eleven years of careful ross fertilization and selection by Nims Bros., Emer-

who grow barley for this purposes. Those who grow barley for this purpose should try it.

Naked, or Hulless.—This is a peculiar grain, and not generally known. The corolla is not attached to the grain, and it thus resembles wheat. It is a splendid the grain, and it is prized very heavy yielder.

Hudson Bay.—This sort was sent in from Oregon. It arrived too late for our exhibit at the State Fair. It has the whitest kernel and is the prettiest looking wheat we have seen. It was introduced into Oregon forty give it a trial. In selecting Seeds the Subscriber can take 20 Packets of Grain, Vegetable or Flower Seeds, or parts of each--anything he wants.

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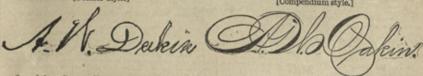
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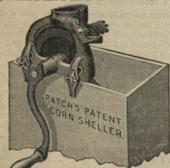
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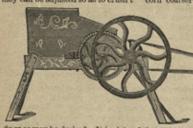
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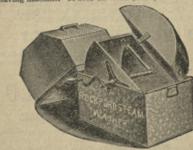
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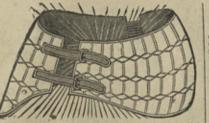
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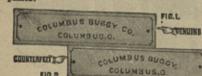
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Mrs. I. P. Warren Editor and Proprietor

Portland, Sat., June 24, 1893.

REVISING HISTORY AT GET-TYSBURG.

BY GEN. C. H. HOWARD.

The recent meeting of Corp Commanders of both armies, at Gettysburg may help to settle some of the disputed points. There are only three of these Major Generals of the Union Army living, and two of them, O. O. Howard and Sickles, were present, each with a staff officer who participated in the battle. Longstreet, who was next to Lee in rank, had come all the way from Georgia with the double purpose of attending the banquet in honor of Grant's birthday in Philadelphia, and of visiting the battlefield. It is not probable he will ever repeat the visit. His mind, it is true, was clear and his memory exceptionally strong and accurate, as evinced by his knowledge of the entire field, his acquaintance with the organizations and positions of the Union Army, no less than of the Confederate, and especially by his recollection of incidents of the battle; but, on the other hand, the infirmities of age and impaired health were quite apparent. Col. Osmond Latrobe, his chief of staff, who had also come to visit the field for the first time after thirty years, often re-ferred to the robust and magnificent figure of Longstreet when in his prime. He then weighed two hundred and forty pounds, but now is reduced to less than one hundred and fifty, though above the average height and of large frame. In one of Grant's battles of the Willerness Longstreet was severely wounded in the shoulder and neck, and not only never recovered the free use of his arm, but is nearly deaf in one ear, as the result of that wound.

During the trip from Philadelphia the talk was lively and free. The ex-Confederates evidently were touched by the warm welcome received in the city of Brotherly Love. General Mahone could not say enough to express his appreciation of the broad and beautiful fields of Pennsylvania, and especially of their well-tilled and neat appearance in comparison with the slovenly style of cultivation in Virginia.

Of course it is not practicable to give much of the conversation in detail which took place, as during two days the visiting party passed over the entire lines of both the Union and Confederate Armies. Gen E. Porter Alexander, of South Carolina, who had been Longstreet's Chief of Artillery, was struck with the natural strength of the position held by the Confederate Army

during the second and third days, especially the sweep for artillery from the north end of Cemetery Ridge, where Howard had established a battery early the first day, and which had remained there and done effective service during the three days of the battle. When the group of veterans were sitting and standing on the earthworks at this point, and the guide gave his narrative of the assault made upon that battery by the "Louisiana Tigers" on the evening of the second day, and told how they had captured several of the guns and drawn one of them down the hill, some of the Union veterans demurred somewhat. They were willing to admit that one gun was temporarily captured, but the fact that Confederates reached the battery and fought hand to hand with artillerymen and supporting infantry they would not admit to be a capture, as they were immediately driven back.

When examining the position of Howard's lines the first day of the battle, there was a halt by the carriages, in one of which sat Howard and Longone of which sat Howard and Long-street, side by side, near the famous Oak Hill, where the left of the Elev-enth Corps joined, en echelon, the right of the First Corps. The staff officer who had given Maj. Gen. Carl Shurz the order to take possession of the hill and place a battery on it, referred to the fact that General Shurz had been blamed for lack of enterprise in not seizing the vantage-ground as ordered. But General Howard was unwilling to have any blame cast upon Schurz, saying it was probably better that Schurz found that hill occupied by the enemy's skirmishers. For soon after Early's corps came on the field from the north, and that hill would have been too far advanced to hold. As it was, Howard said, he himself had been severely criticised for attempting to hold too long a line; that it was true he had insisted on keeping the lines out beyond the town, which necessitated a long line, and he had instructed the cavalry to make a show of strength and to extend his lines both on the extreme right and left; Maj.-Gen. D. McM. Gregg, who had come down with Governor Pattison from Harrisburg to join our party, was the commanding officer of the cavalry on the right, and on the third day fought with Stuart's reiding column what has been pronounced the hardest cavairy engagement of the war. Gregg corroborated General Howard's statement as to the order to the cavalry that first day. General Howard then turned to General Longstreet, who, of course



had a different point of observation on that memorable day, and said: "I have been criticised by some historians for having made what they teemed too long a line of battle. It was really the only thing I could do, General. You can see that I could do nothing else. If I had made a compect massing you would simply have outflanked us and enveloped us. Don't you agree to that?' There was a slight pause as if the

There was a slight pause as if the veteran Confederate were, for a moment, reflecting upon how much his answer might mean in the history of that first day's battle. All present were intent upon the answer to the question. Longstreet replied in his quiet way: "We would have got behind you if you had done otherwise."

"Exactly," said Howard, "that is what I wished to prevent. My object was to gain time. I knew I could not defend our position with the number of men I had. I wished to hold the position until re-enforcements came, as

they did."

The second day's battle, it will be remembered, was brought on by a forward movement of General Sicklesthe Third Corps. Several historians have condemned Sickles for taking the position at the Peach Orchard, which was out of the alignment running from Ziegler's Grove to Little Round Top. Meade, himself is said to have considered the advanced position a mistake; but when he arrived on the spot it was too late to make a change. The battle had begun. Some writers have gone so far as to say that had not Sickles been badly wounded he would have been court-martialed. All were anxious to know what Sickles and Longstreet had to say about this part of the battle. On our second day's ride these two occupied the same carriage; but at the Peach Orchard and at Little Round Top halts were made and the guide told his story, interrupted more or less and supplemented by remarks of the veterans present, who each had his own vivid recollections of his part and what he saw. Sickles said distinctly that if he had the battle to fight over again he would do precisely what he did before. It seemed to be the general verdict that the position which Sickles left, when he advanced to the Peach Orchard, was a bad one, and that if he had awaited the attack of the enemy there he would not only have been overwhelmed, but would have lost the chance of securing Little Round Top. General Alexander exclaimed in astonishment, when he reached the summit of this rocky hill: "This is grand! How strong this position is." He had not realized it before. Longstreet had seen it early in the battle, and with true military instinct had given orders to seiz; it; but Sickles, he acknowledged, had prevented his accomplishing his purpose. Longstreet's testimony on this point was of great importance. It

is true the Third Corps was, after a severe contest, forced from its advanced position, and after being supported by the Fifth and part of the Second and Twelfth and a small detachment of the Sixth, a second line was established more directly connecting Little Round Top with Cemetery

Hidge.

It was with difficulty that Sickles, upon his crutches, climbed the mountain. As the guide was about to begin his harangue General Howard called out cheerily: "Hurry up, Sickles! this concerns you." Soon General Sickles was seated on a shelving rock and gave a signal that he was ready. This was, perhaps, the most thrilling part of the battle-story, as the fight about Devil's Den and the base of Little Round Top was described. All was made more vivid by the personal recollections of those who participated. When the guide concluded, Sickles said, partly in continuation of the suggestion that Longstreet was trying to reach this hill, "Yes, and would have gained this very spot, and would have had the key to the situation. If I had to go through it again, I would do the very same thing. Longstreet, you would have got around me if you could, wouldn't you?"

When some one had repeated the question in his ear, General Longstreet replied, with a smile, "That is what I was trying to do." Afterward he said: "Sickles detained me an hour, and even then I only missed getting Little Round Top by five minutes. A detachment of the Fifth Corps was mounting the top as we arrived at the bottom, and there was a hot fight for possession; but our chance was lost, and Sickles is accountable for it."

Will any caudid student of history now hold that the intrepid commander of the Third Corps should have been court-martialed, or even sharply criticised, for doing what the commanding officer of the opposing forces declares was the cause of his own defeat at that vital point, and hence resulted in ultimate victory of the Union Army?

Among other important questions put to Longstreet and to the two members of his staff was, "What would have have been the outcome of a counterattack at the time of the repulse of Pickett's assault on the afternoon of the third day?" All three agreed that they were momentarily expecting such an attack. Longstreet was habitually more reticent, and at first referred to Alexander, who promply replied: "The order went out from Lee to make a readjustment of the lines and prepare to repel an attack. I ordered every gun that had as much as twenty rounds of ammunition left to pull out and advance to a position on the ridge. This was done, and I found that comparatively few had that amount remaining. On an average there were only fifteen rounds left."

1 3 1 1 1 1 1



Standing as were our party, near the very spot where Longstreet stood during the famous charge, General Alex-ander pointed out the space of half a mile of the line which had been occupied by Pickett's division before the assault, and said: "There was nothing from there to there but that fringe of canon with twenty rounds of ammunition. Had there been a counter-charge at that moment, all we could have done would have been to have fired the last shot." Longstreet then expressed his assent in nearly the same words: "Only that fringe of cannon; no infantry at all." Mahone said he had had an order to support Pickett on the left, but but an aide from Lee galloped up just as he had given the order to march and countermanded it. Lee had come to the same conclusion now that Long-

street had reached before the assault was made, namely, that an attack at that point could not succeed.

Mr. Horace White, of the New York Evening Post, was standing by the carriage occupied by Howard and Long. street, and at this juncture put the question to Howard: "General, should not Meade have followed up his advantage immediately upon the repulse of Pickett?" General Howard seεmed reluctant to criticise Meade, and said: "Meade did not know how strong his enemy was, how well prepared he might be to meet a counter attack." But as the talk went on, and one after another of both the Confederate and Union officers stated that it was ex pected that Meade would follow. General Howard assented, and added: "That is what Grant would have done, and Sheridan and Thomas too."

The Hon. John Russell Young, President of the Union League of Philadelphia, who was the originator of the trip to Gettysburg, then approached close to Longstreet, who probably had not heard Howard's remark, and asked: "What would Grant have done?" "He would have come after us. We had no fresh troops. A single division could have wiped us out." The other Con-federate officers echoed what their had said: "Yes, Grant would have wiped us out."

As the party drove back to the town of Gettysburg and the talk became general, there were probably none but that believed Lee's army could have been destroyed before they recrossed the Potomac at Williamsport. Howard referred to the council of war held a day or two later, which resolved not to re-new the fight: "Three of the corps commanders, including myself, voted in favor of an attack. Meade," said he, "inclined to that view; but as four, embracing some of the older officers, voted against making an attack, Meade decided not to fight. Probably, under Providence, it was too early to end the war. Slavery might then have been with the Union .- The Independent.



LEWISTON EVENING JOURNAL, MONDAY, JUNE 23, 1902.

STIRRED THEM UP.

The Co-Operative Convention Makes Things a Bit Lively.

Ex-Congressman Gillette Discusses Love and Passion.

Rev. Chas. E. Lund Has Something to Say About Co-Operation and His Experience.

The delegates to the Co-workers and Cooperative convention met in City Hall, Saturday evening. It was advertised as a mass meeting, but the down-pour of rain thinned the audience down to small dimensions. Possibly one hundred and thirty or forty persons were present to listen to the speeches.

Chairman Vrooman called the meeting to order promptly at 8 o'clock and introduced Gen. C. H. Howard of Chicago, editor of the Farm, Field and Fireside, as the principal speaker of the evening. Gen. Howard is a vigorous speaker, and his theme, "Cooperative Farming," proved exceedingly interesting.

GEN. HOWARD'S ADDRESS.

General Howard began his address by reference to the call under which this co-operative convention had assembled from all parts of the country. Quoting the reso-lution of the Co-Worker's Fraternity in accordance with which the call was issued. General Howard stated that he heartly approved of the two purposes there set forth. One was, "The general purpose of studying the co-operative movement," the other was the devising of some method of uniting the forces already at work "to give the movement momentum." General Howard further stated, in introduction, that with ref-erence to the part of the subject assigned to him, namely, "Co-operative farming," that it was not so very clear at first, as far as relating to our own country, that there was in fact, any movement to The speaker then referred in outline to what had been done in the way of co-operative farming in Great Britain, mentioning in considerable detail the success of the co-operative creameries in Ireland and the fact that, in connection with these creameries, other co-operative work had been undertaken, such as the sale of the products and the purchase of necessary implements, and extending from that to other mattersm connected with farming, such for example as the purchase of seeds and fertilizers; in all of which the creameries had saved money and made a suc-cess of their co-operative work. Gen. How-ard quoted from leading writers on the subject to show that co-operation had not been spontaneous with the farmers either in England, Scotland or Ireland. It was stated that philanthropic and able statesmen like the Hon. Horace Plunkett, M. P., had had much to do with the success of the co-operative movement in Ireland especially with reference to agriculture

In passing to the consideration of farming in America, Gen. Howard quoted from a letter of ex-Gov. Hoard to the effect "that the co-operative creamery work in Wisconsin was an assured success wherever the farmers have intelligence and business judgment enough to co-operate." These creameries are governed almost entirely by this factor. In places they are a splendid success; for instance, like the one at Walworth, Wis. In other places, they have been a failure. In other instances that I know of, the fallure has come because of bickerings and jealousies and small measuring of a large question. In Wisconsin, co-operative creameries are not as wide spread as proprietary.

In Minnesota they are in large evidence, and I understand are very successful. We have one or two within this immediate vivinity, (Fort Atkinson) all of them flourish-

ing finely.
Gov. Hoard suggests with reference to Gov. Hoard suggests with reference to the co-operative cheese factories and creameries that, "a very much larger use might be made of the principle of co-oper-ation than is done." "Farmers," he says, "might easily purchase their supplies through the creamery and cheese factory association, and they might also sail that association, and they might also sell their live stock co-operatively if they chose to do it, or any other product of the farm, the

same as they sell their butter and cheese."

It is well known that the grangers or patrons of industry have in various states, notably Indiana and Michigan, done much in the way of Co-operative buying. One grange in southeastern Indiana, organized as long ago as 1873, is still in existence. It has by co-operation built a hall and has not only done much for the social amelio-ration if its members and of the entire farming community but it started the agitation for good roads and can now point a great improvement in the roads of that vicinity. It was, also, the means of secur-ing the first rural free mail delivery in southeastern Indiana, and by co-operative buying through the state executive com-mittee has saved its members a large amount during the twenty-nine years of its

existence.
In California probably more in general has been done by co-operative methods than in any other state.
One of the best examples of American co-operative organization is that afforded by a Kansas co-operative grain buying company. Its history is short but its conflicts and its victory complete. a Ransas co-operative grant and a pany. Its history is short but its conflicts have been sharp and its victory complete. It was started last summer by fifty farmers near Solomon, Kansas. At that time local buyers were paying for wheat it cents per bushel more than the Kansas City market. Eight cents would cover all the expenses including transportation. The elevated company instructed their manager elevated company instructed their manager to pay up to eight cents of the market, thus allowing sufficient margin to meet all the transportation charges. Rival buyers of-fered more. Under the co-operative agree-ment whenever more was offered the farmer sold in that market but paid one cent per bushel to the co-operative company. In this way the farmers gained six or seven cents on their wheat.

The farmer would come to the co-operative elevator, have his wheat correctly weighed and th en go on to the syndicate elevator and get the higher price, return and pay over one cent per bushel. For several days the syndicate not only bought wheat at a loss but virtually paid the expenses and a profit besides, to the institution that it was trying to run out of business

In less than three weeks, the syndicate gave up the fight. When its rivals ceased, the Co-operative Co. began buying and during the season bought 80 per cent of all the wheat marketed at that point. The profits paid 50 per cent on the original investment by the members.

The success of this company has resulted in the forming of many others and the movement has extended into Missouri and Nebraska. It should be noted that the railroads, also, lent a band to the grain trust in the attempt to down the Co-operative

At first the grain trust kept the farmers from gettings an elevator. The Co-opera-tive Co, then built one off the right of way and put up a forty foot spout and carried the grain to the cars in that way Then the road would not furnish the cars. The farmers hauled the grain to another road. At one elevator the railroad switched some At one elevator the railroad switched some coal cars in the way so the spout could not reach the wagons. The farmers cut a hole in the end of the elevator and took the grain out in that way. The Union Pacific saw that the Rock Isand was getting the grain and concluded to furnish cars. Then the grain trust fixed it so no one would handle the grain in Kansas City. The commission houses let the grain stand on the track and be sold for freight and demurrage.

The farmers organized commission houses in Kansas City and now handle not only their own grain but all that is consigned to the Farmer's Commission Co. They have savel from three to eight cents on every bushel and get correct weights which is a big saving in itself. As one of the organ-izers has aptly said, "the co-operative farmers whipped the grain trust on every kopje and are ready for another battle next season, or a series of them."

Since this paper was begun I have seen an account of a new co-operative society formed in York County, Neb. The Kansas farmers are now sending out missionaries

to help in these organizations.

At a recent farmer's institute one of these Kansas speakers addressed the meeting. At its close a temporary organization ing. At its cross a temporary organization was formed and in a few moments \$1469 was subscribed. This was within a few days carried up to \$6000 by the farmers in the vicinity and great earnestness was ifested. It is evident that the farmers of means as well as intelligence have taken held of the meavement.

hold of the movement.

hold of the movement.

The latest item, which comes from Kansas City, may not be news to this conference and to the Co-workers Fraternity, but it is news that will cheer the hearts of cooperators throughout our country and the world. I quote: "Walter Vrooman of the Wostern cooperative movement has closed Western co-operative movement has closed contracts for the purchase of six of the largest wheat elevators in the Kansas City wheat belt and two of the largest flouring mills. The price is said to have been \$750,-000. The concern will be known as the Wheat and Flour Western Co-operative Co. The farmers are to be taken into the scheme upon the payment of \$100 each, for which they are to receive the market value of their wheat sold to the company, and in addition will receive one-half of the profit derived, the other half going to the co-operative stores through which the wheat and flour will be handled."

An intelligent leader whose heart is in the work like Mr. Vrooman in Missouri and like Mr. Plunkett in Ireland seems practically necessary to the greatest efficiency of the

So, also, an organizing society like those represented in this conference will do for

represented in this conference will do for our country what the "Irish Agricultural Organization Society" has done for Ireland. This brings me to what seems to me the most important part of my subject and the higher purpose of the conference—that which is spoken of in the call as "democratizing the economic world," and in another clause as "paving the way to the Co-operative Commonwealth."

It is evident there is a call to look beyond.

It is evident there is a call to look beyond a mere business proposition for respective communities. The leaders of this Confer ence have a wider outlook.

It may be well to go before our farmers with such figures as are shown from Ireland, and, indeed, as are found as the result of the co-operative creameries of Wisconsin, and Minnesota, the elevator co-operation of Kansas, and, in isolated instances, in a number of the state, demostrating that they can save money to their own pockets by co-operative organizations. But the movement will never reach its higher purpose until we can appeal, even to the farmers, to join it for the sake of the mass of the people, for the sake of those who are more needy than themselves, for the elevation and education and the lifting upon a higher social plane of all the farmers of the land and when their thought and purpose has gone so far, it will be but a step further to bring to some realization the co-operative commonwealth with its possible benefits to our whole people and to the world. The general was vigorously applauded at the close of his able address.

(E) ght

Ban. Commercial Sum 4-1908

Charles Henry Howard was born in Leeds, Aug. 28, 1838; the son of Rowland Balley and Eliza Otis Howard. He graduated at Bowdoin in 1859, and after a while spent in teaching entered the seminary. The Civil war soon came on. C. H. Howard was a brother of the (since) Maj .-General O. O. Howard and joined him in connection with the army. He was repeatedly in action, was twice wounded, and by successive promotions was at length brevetted brigadier-general, After the war he was variously employed in the public service among the freedmen of the south, till in 1868 he finally left the millitary service, becoming secretary of the American Missionary Association for the west and southwest. Much of his time has been spent in connection with the press, including a term as editor of the Advance. His home through many years has been at Glencoe, Ill. There he died Jan. 27, 1908, at the age of 69, He was married in 1867 to Mary Catherine, daughter of Hon. John Burt and Catherine (Mc-Gaw) Foster of Bangor. She survived him with five sons and two daughters.



Baugor Com. Jan. 29-1908

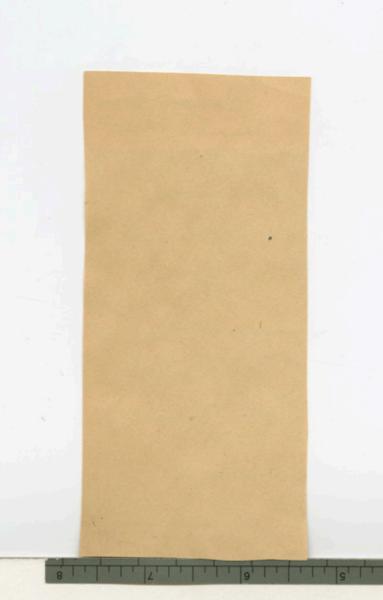
GEN. C. H. HOWARD DEAD.

Civil War Veteran, Brother of Gen. O. O. Howard, Who Married Daughter of Late Hon. J. B. Foster.

The dispatches of Tuesday morning announced the death in Glencove, near Chicago, Monday, of Gen, Charles Henry Howard, whose wife was a daughter of the late Hon. John B. Foster, and whose son, Dr. Bert M. Howard, was until recently, assistant superintendent of the Eastern Maine Insaue

hospital in this city.

Gen. Howard was a native of Leeds. where he was born Aug. 28, 1838. His brother, as Maj. Gen. O. O. Howard, U. S. A., retired, a bill for the advance-ment of whom to the rank of lieutenant general, is now pending in Congress. Charles H. Howard entered the Civil war as a private in his brother's regi-ment, the Third Maine, of which he was the first colonel, but in 1861, the younger man received a commission as lieutenant in the 61st New York volunteers and later was taken on the staff of Gen. Howard when he became a brigade commander. Later, Charles H. was made colonel of the 128th regiment .(colored) and at the close of the war in 1865 was brevetted brigadier-general. Since the war Gen. Howard has been engaged as a journalist, teh last of his work being done in Chicago. Besides Dr. Bert M. Howard, he is survived by six other children, several of whom are well remembered in this city.



ONE OF THE LEEDS HOWARDS.

Charles H., Brother of the General, Now a Chicago Journalist.

[Written for the Lewiston Journal.]

Prominent among the former residents of Maine now engaged in business in Chicago, is General Charles H. Howard, who was born in Leeds, Me., in August, 1838. Charles H. is a brother of General O. O. Howard and is a graduate of Bowdoin College, of the class of 1859, in which class he was one of the highest in rank as a scholar. After graduation he taught school for a time and finally entered the Theological Seminary at Bangor, but when the war broke out he left his studies and enlisted



GEN. CHARLES H. HOWARD.

as a private in the 3d Maine Volunteer Infantry, of which his brother, Oliver O., was the first colonel. Charles H. was soon after detailed as private to his brother and assisted in organizing Maine troops. He was aide de camp on his brother's staff when the latter was made brigadier general, and served in that capacity at the first Bull Run fight. Charles H. served until the close of the war as a staff officer having been promoted first captain, major, lieutenant colonel, colonel and brevet brigadier general. He was engaged in 60 battles and skirmishes, and was twice wounded. He saw service in the armies of the Potomac, Cumberland and Tennessee and was with Sherman in his famous "March to the Sea," acting in this campaign as inspector-general. After the cap-

ture of Savannah he was sent by Sherman as bearer of dispatches to President Lincoln. During his absence on this duty the army had left South Carolina and he was placed in command there and had charge of a court of instruction for colored troops and was inspector of schools for freedmen in South Carolina, Georgia and Florida. In 1866 he was appointed assistant commissioner of the Freedmen's Bureau for the District of Columbia, Maryland and West Virginia, and held this

office two years.

In 1868 he left the army and was appointed secretary of the American Missionary Association for the West and Southwest. He then became proprietor and editor-in-chief of the Chicago Advance. After ten years, on account of impaired health, he gave up literary work and entered the government service as inspector of Indian agencies. Having regained his health he again took up his profession of journalism and for years has been the editor-in-chief of the "Farm, Field and Fireside," Chicago. In 1867 he married Mary Katharine Foster of Bangor, Me., and has five sons and two daughters. PINUS.

