

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



6227

FIELD'S SEED SENSE

LIBRARY
RECORDED
MAR 10 1922
U.S. DEPARTMENT OF AGRICULTURE

Printed and Published in the Private Printshop of the Henry Field Seed Company, Shenandoah, Iowa

Vol. 8 Shenandoah, Iowa, March, 1922

No. 2



Taking Dickie's Picture

You folks have been fussing for a picture of the grandchildren, so we thought we would start in with Faith's boy, Dickie, and we had all been trying for half an hour to get a good picture of him, and I had spoiled half a dozen plates.

It was wash day, and Faith was over helping Mrs. Field, and they had been hanging out clothes between times of taking pictures, and they all sat down to take a rest while I reloaded the camera. Faith was kidding her mother about the old raincoat she was wearing, and Mrs. Field was kidding Faith about not being able to make Dickie behave, and John Henry and Letty were laughing at the whole bunch.

Just then Dickie straightened up and got on an angelic expression, and, of course, I snapped the picture just as you see it.

Mrs. Field kicked of course, for like all women she thought I ought to have given her time to dress up and pose, but I told her I was going to run it anyway, for that smile was too good to lose, and, besides, she sure looked perfectly natural, and if I gave her a chance to get ready, she wouldn't look half so natural.

Anyway, we got a perfectly good picture of the grandson. And we got a good laugh out of it, and that's worth something in this world of troubles.

Yes, the children are all getting along fine and dandy as usual. None of them sick, and all going to school regular except John Henry and Letty, and they would like to go. Hope and Philip are getting along nicely at college at Ames, and counting the days till they can come back for vacation. And Ruth says to tell you that Emmy Lou is growing fast and is broke to lead now. Ruth has a harness for her, and takes her for a walk every nice day.

Business is Fine, Thank You

That's no bluff, either. We really are getting the business, and you may be sure we feel good over it, for it shows that people like us and our seeds and our way of doing business.

Take the first three days of this week as I am writing, February 20, 21 and 22. In these three days we received a total of 7820 orders as against 4648 in the same three days last year, and 7428 in the big year of 1920.

And the best part of it is, that we are taking care of them in fine shape. Getting the orders through the house and into the mails for you in record time, generally an average of not over 24 hours from the time we get the order till we fill it and start it back to you. And that's something to be proud of, when we are handling an average of 2600 orders a day.

It will be heavier yet in March, for the season is early yet, but we are ready to take care of the orders as fast as they come, so send them along.

An investigation by one of the big farm papers among their readers in Iowa, Missouri, Kansas and Nebraska, showed that we had more customers than all other mail order seed houses combined. Fact. We've got the original figures to show for it. And we'll not be satisfied till we make it almost unanimous.

The New Puzzle Contest

Yes, we are starting a new contest. You will find it farther over. It's lots of fun for all concerned, and while it makes us some extra work we enjoy it as much as you do. This one seems to be easier than the other.

We all enjoy working puzzles and this is an interesting one and will be good training in observation and spelling. It won't cost you anything to try, and you may win a good prize. There's 100 prizes this time. Here are a few pointers. They will help us.

Send word list and order together in the same envelope.

Put your name on each and every sheet. Number your words and arrange alphabetically.

Study the rules and save asking questions. Order anything you want, to qualify.

If not ready to order yet, ask for a receipt. Be sure and send in your receipt when you order later.

Put word lists on separate sheets from order or letter.

Don't be afraid to try. Your chance is as good as anyone.

Well, goodbye, till next time. H. F.

Wise and Otherwise

A Splendid Idea

"Your very friendly catalog received today. Now I have a very dear old lady friend, her birthday is January 11th and she loves beautiful flowers. Now I want you to send me post haste, if they are to get here in time, the prettiest collection of Gladiola bulbs you can possibly send me for \$1.10—and I will give them to her for spring planting.

"I do not think anything has ever been invented that would give me as much pleasure for Christmas as a nice collection of flower seed, a coupon that would entitle me to select a collection of bulbs, or a couple of Roses or 50 Everbearing Strawberry plants, or a few Peonies. I believe a whole lot of women feel the same way.

"Why do you not suggest something of this kind in Seed Sense, and fix up some attractive collections toward another Christmas. I am sure women and children with birthdays falling in autumn or spring would rejoice in bulbs or plants, seed, etc. Sincerely,"

—Mrs. C. W. Kelly,
697 W. Berrien St., Galesburg, Ill.

Yes, that is a splendid idea that Mrs. Kelly mentions. I don't know of anything that would make a nicer present than a box of bulbs, or flower seeds or flower plants, or if you don't know just what would please your friends best, give her an order on us for so much of bulbs or flowers or plants, or whatever she wants, and let her pick it out herself.

If you have a pretty good idea of what she wants, however, order it yourself. You don't need to wait for Christmas, either. In fact, I don't believe in holding all the presents until Christmas time. I believe in scattering them along whenever you feel like it, and I am sure they are more appreciated than they would be if you waited and gave them all in a lump at Christmas.

Likes Our Catalog

"I want to congratulate you on the catalog this year. I didn't have room on the other letter.

"Well, it is the best one you ever printed at least it suits me best. I don't like a painted, flowery catalog, nothing but paint and all stuck up so you can't tell whether it is a catalog or paint pot.

"Your catalog just suits me. No flowery pictures and no barrels of costly paint. The kind of catalog I like is one like you have this year—a plain every-day affair. That picture you have on the front is just fine. I want to tell you it is the best one you have had since we were dealing with you, and your seeds are the same.

"But that catalog just struck me—suited me just square and I was wound up over it and could not do anything until I kindly run down. Well, I will not bother you any more. Best wishes to you and the catalog.

—Wm. Humphrey, French Village, Mo.

Well Satisfied

"I don't like to see folks worry, as it makes needless grey hairs, so I'll write on this page.

"Sure, we were satisfied with our order, so much that we always speak a good word for your seeds, etc.

"I believe my Gladiolas are just as nice as yours. They sure are beautiful. Also, the Everbearing Strawberries are fine. I am going to reset this year and make a big patch. The reason I don't order every year is because I save all my seeds, bulbs, etc., that I can, so I don't have to buy much, I just as well do it as for you, hadn't I?

"I am sending an order this time, expecting the same good stuff as before."

—Mrs. F. A. Hallock, Traer, Kans.

Working the Puzzle

"Dear Sir: I am submitting my list of words to be judged. I hope I may win something, but if I fail in doing so, I will say I have enjoyed trying, as the time hangs heavy when holding down a claim, and hard times are knocking at the door.

"Without a dictionary I've compiled
A list of words; now don't get riled
If I've misspelled a word or two,

That might happen to even you.

But you won't find cop or chet or rhink
Or pictured objects they're not, I think.

There are some French words that are in
Webster,

But none that count are in the picture.

"I own a quarter of virgin soil
Without a furrow its face to spoil;
And not a seed do I possess

To plant on this unless I guess

The objects printed here so plain:

Then what's your loss will be my gain.

For then I'll order seed that yield,

And they are sold by Henry Field."

—S. L. Cagley, Mission, S. D.

(Rosebud Reservation.)

Field's Seeds

"Last year I planted a few of Field's seeds a neighbor gave along with my regular stock of garden seed and I'm a convert and intend to do a little missionary work in the neighborhood this year. Started in by giving my catalog away, so it's up to you to send me another as per your agreement. And please don't delay, as I want to get my order in right away."

—A. G. Cleveland, Lantry So. Dak., Box 103.

Field's Seeds are Best

"Mr. Field, I see where I missed you when I didn't order my seed from you. I can truly say I bought more seed and had less last year than I ever did, but I didn't send when I ought and just bought seed here. I think you will always get my order for seed from this on. Can say that Field's seed is the best I ever planted. I am telling all my neighbors about your seed, especially the Redhead tomatoes.

—Effie Lane, Newark, Ark.

"Dear Sirs: Please send me your new seed catalog. How much onion seed will it take to the acre, rows 3 feet, 4 inches apart. Where can one get a seeder for planting onions, horse drawn. Respectfully,"

—Ottis Larson, Arlington, S. D., Rt. 4.

You have sprung a new one on me, suggesting putting onion seed in rows 3 ft., 4 in. apart.

I suppose your idea is to tend them with a horse cultivator and get away from using a wheel hoe, and there possibly may be something to that idea, although I have never seen it tried.

You would still have to weed in the row, as you can't get rid of that part of it.

Planted in rows that width I should say you would need about 2 pounds of seed per acre, and I believe you could plant it all right with a corn planter by using a special plate. You would want to get a blank plate and then drill it with very small holes like we use for Kaffir corn or Syrup Cane. I think the holes we use in our corn planter for Syrup Cane are about one-eighth of an inch in diameter. You would want to bore these holes very close together and then set your planter on the fastest drop. Also, you would need dust regulators on the corn-planter runners to keep from planting the seed too deep.

I do not think there is any regular onion drill manufactured that is intended to be used with horses, but you could rig up your corn planter as I have suggested so it would work all right.

An Old Customer

"We received your catalog, and read it through. I am an old customer. I have ordered seed from you ever since your first baby was pictured under a large tomato vine, and I still love to see the children. They are the finest crop of all.

—Mrs. Alice Beckel, Creal Springs, Ill.

Junior Collection a Money

Maker

Mr. Vincent certainly had splendid luck with the cabbage he grew last season. This little packet was from the Junior Collection. He paid 35c for this collection and that means 3½c for the cabbage packet. From this one packet he took in \$4.50 besides what they used for themselves and their chickens.

This variety probably was the Allhead. It is an early good sized variety. I claim the record below is hard to beat.

Red House, N. Y., Feb. 14, 1922.

"Last year a neighbor boy of mine sold me a variety package of your seeds for the small garden. Among the seeds was a package of Cabbage seed, which I planted. They grew very well. I gave the neighbors about 45 plants to transplant and planted or set out 90 plants myself out of these. I sold 100 pounds of cabbage for \$4.50, sold several large cabbages for 40c each and used about 60 pounds ourselves and fed about 25 pounds to the hens. I think this is some record for just one little package of cabbage seed. Yours truly,"

—W. H. Vincent.

"Almost Perfect"

Harold Masee is an enthusiastic young hog breeder who lives in Northwestern Iowa, too far away to come to the sale. He wanted one of our hogs, so sent a good sized bid to our Feb. 14th sale and said he wanted me and Sutliff to pick out a good sow for him and buy her in the sale. We picked No. 16 and Van bought her for him at a little less than his bid.

Was he pleased? Read his letter. We can suit you as well as we did him, if you will allow price enough to buy a really good one. Try it.

"The sow arrived all O. K., Friday forenoon. I wish to thank you and Van for your choice. I think she is the best sow I have ever owned, and I expect her to farrow a great litter, as she sure is heavy now.

"She seems to be right at home with me and has rested up in good shape. She is undoubtedly a mighty good sow, and with the individual type she has and Giant Corrector together, should get some perfect pigs.

"My father thinks she is almost perfect and about the best brood sow he ever laid eyes on, and as long as he has raised hogs, his eye on a hog is pretty good. He thinks possibly I got her cheaper than I should, but as long as we are both satisfied there is no kick coming. Well, Henry, I am going to write Van a letter, thanking him for service rendered me, so will have to get at it.

"Congratulations to Giant Corrector. I thank you for past favors and assure you that I will give you a share of my future business. I will be pleased to hear from you, also how much English does the boar carry, also the sow, if she has any, but I don't believe she does. I hate to make you so much trouble, but then I will know how much English the pigs have."

—Harold R. Masee, Nashua, Iowa.

Write for our booklet on Hubam. It is free for the asking and tells how to plant, tend, thrash and sell it.

How the Hogs Sold in Our February 14th Sale. They Will Probably Sell About the Same March 14.

Bred Sows	
1 C. W. Dixon, Harrisburg, Ill.	\$75.00
2 M. Farcade, Skidmore, Mo.	65.00
3 R. E. Dunn, Naponee, Neb.	75.00
4 D. D. Morrissey, Evans, Ia.	75.00
6 J. E. Moss, Macy, Neb.	75.00
7 Aug. Ihde & Son, Cook, Neb.	72.50
8 W. N. Peters, Hancock, Ia.	67.50
9 D. E. Morse, Floyd, Ia.	100.00
10 F. C. Cooper, Boone, Ia.	70.00
11 Merle Whorlow, Kennard, Neb.	75.00
12 M. H. Buck, Prairie City, Ia.	95.00
13 F. M. Backman, Omaha, Neb.	107.50
14 W. H. Lane, Glenwood, Ia.	65.00
15 Wm. Mentink, Utica, Neb.	90.00
16 Harold Masseur, Nashua, Ia.	102.50
18 Skaggs & Son, Malvern, Ia.	100.00
20 L. L. Robbins, Hastings, Ia.	80.00
22 Joe Soukup, Ohioa, Neb.	65.00
23 M. Carlson, Wakefield, Neb.	70.00
24 Leonard Croy, Essex, Ia.	72.50
25 J. E. Moss, Macy, Neb.	100.00
26 W. H. Lane, Glenwood, Ia.	52.50
27 Wm. Mentink, Utica, Neb.	85.00
28 E. H. Grote, McClelland, Ia.	70.00
29 Leonard Croy, Essex, Ia.	65.00
30 E. H. Grote, McClelland, Ia.	72.50
31 J. A. Grote, Co. Bluffs, Ia.	65.00
33 Macy & Son, Allen, Neb.	60.00
34 L. L. Robbins, Hastings, Ia.	72.50
35 Frank Simpson, Diagonal, Ia.	72.50
36 Earl S. Wells, Co. Bluffs, Ia.	62.50
37 Macy & Son, Allen, Neb.	77.50
38 Wm. Mentink, Utica, Neb.	135.00
39 Graham Waltz, Strahan, Ia.	105.00
40 Wm. Mentink, Utica, Neb.	110.00
41 John Sutliff, Huntsville, Mo.	110.00
42 Skaggs & Son, Malvern, Ia.	77.50
43 M. Carlson, Wakesfield, Neb.	77.50
44 J. Carpenter, Blissfield, Mich.	75.00
45 S. L. Smith, Atlantic, Ia.	85.00
47 Wm. Mentink, Utica, Neb.	80.00
48 Chas. Pierson, Bur. Jct., Mo.	62.50
49 Burt Blackney, Hopkins, Mo.	83.00
50 H. S. Neff, Elmo, Mo.	87.50
51 H. Kluesner, New Vienna, Ia.	87.50
52 Bert A. Waltz, Strahan, Ia.	65.00
53 E. Steward, Poplar Bluff, Mo.	60.00
54 Bert A. Waltz, Strahan, Ia.	75.00
55 Burt Blackney, Hopkins, Mo.	77.50
56 M. Friedman, Carroll, Ia.	77.50
57 Spaulding Bros., Albion, Neb.	75.00
58 A. H. Longman, Archer, Ia.	55.00
60 A. A. Kitching, Creston, Ia.	102.50
61 Owens & Son, Rosendale, Mo.	72.50
62 S. R. Skaggs, Malvern, Ia.	77.50
63 B. F. Sells, Sidrey, Ia.	65.00
64 L. L. Robbins, Hastings, Ia.	75.00
65 Fred Goodall, Shenandoah, Ia.	65.00
66 Shenandoah Nursery, Shen.	65.00
67 H. S. Neff, Elmo, Mo.	62.50
68 C. C. Schilling, Elkhart, Ill.	90.00
69 Bert A. Waltz, Strahan, Ia.	67.50
70 Leonard Croy, Essex, Ia.	65.00
71 A. W. Davidson, Shenandoah	50.00
72 Shenandoah Nursery, Shen.	62.50
73 Frank Simpson, Diagonal, Ia.	70.00
74 H. B. Finn, Alcester, S. D.	65.00
75 Shenandoah Nursery, Shen.	60.00
76 W. M. Lehnhardt, Walnut, Ia.	60.00
77 Graham Waltz, Strahan, Ia.	75.00
78 W. H. Lane, Glenwood, Ia.	70.00
80 Irene Markley, Web. City, Ia.	50.00
81 Roy S. Shahan, Alamosa, Col.	100.00
84 Leonard Croy, Essex, Ia.	62.50
86 J. S. Hart, Osceola, Ia.	67.50
87 D. Mawhinney, Omaha, Neb.	67.50
88 F. M. Backman, Omaha, Neb.	105.00
90 Ralph McClure, Griswold, Ia.	100.00
91 David Halliday, Shenandoah, Ia.	52.50
92 Wm. Mentink, Utica, Neb.	80.00
93 Leonard Croy, Essex, Ia.	67.50
94 Skaggs & Son, Malvern, Ia.	72.50
95 Wm. Metink, Utica, Neb.	77.50
96 John Randall, Bennett, Neb.	110.00
97 E. Patterson, Calloway, Neb.	67.50
98 Frank Simpson, Diagonal, Ia.	82.50
99 Louis Rupiper, Carroll, Ia.	92.50
100 Shenandoah Nursery, Shen.	62.50
101 J. T. Mudd, Arnold, Neb.	57.50
102 Carl Crook, Salem, Neb.	67.50
103 A. W. Davidson, Shenandoah	55.00
104 Bert A. Waltz, Strahan, Ia.	75.00
105 Frank Coykendall, Shenandoah	77.50
106 Stanley King, Red Oak, Ia.	67.50
107 Leonard Zoeller, Oakland, Ia.	80.00

108 Macy & Son, Allen, Neb.	67.50
109 Fred Anderson, Cozad, Neb.	65.00
110 E. W. Reimer, Walnut, Ia.	67.50

98 Total No. Sows sold	Amt. \$7,402.50
Average of 98 sows sold	\$75.50

Fall Boars	
111 W. H. Cozad, Oskaloosa, Ia.	80.00
112 Bert A. Waltz, Strahan, Ia.	40.00
113 D. Hankins, Bristow, Okla.	30.00
114 J. S. Hart, Osceola, Ia.	65.00
115 F. E. Bentley, Primrose, Neb.	52.50
116 E. G. Davis, Stockton, Kans.	75.00
117 W. K. Philliber, Leonard, Mo.	30.00
118 E. S. Park, Sedan, Kans.	30.00
119 Shroeder & Shaffler, Harvard, Neb.	35.00
120 Charles Hailer, Tabor, Ia.	40.00

10 Total No. Boars sold	Amt. \$477.50
Average of 10 Boars sold	\$47.75

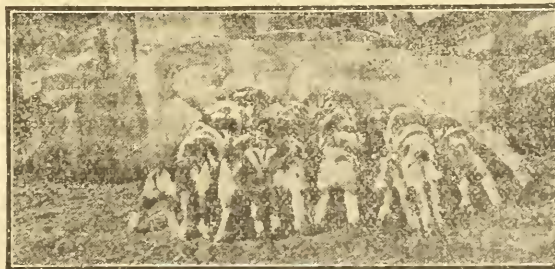
Come to the Hog Sale

March 14th

I want you to come to our Spotted hog sale March 14th. If you were to our February 14th sale you ought to know what a good time we all had, and if you were not here then you have no idea what you missed.

I never saw hogs sell so fast in my life. A man didn't even dare to turn around to spit, or he was liable to lose the hog he was watching for. They were good hogs and worth the price. I told everybody before the sale that the hogs were guaranteed satisfactory and if they bid one off and didn't like the looks of it after the sale they didn't have to take it home. It will be the same way next time. You needn't be afraid to bid, for the Field guarantee holds good, "Your money's worth or your money back."

About the Spotted Pigs



A typical litter of Spotted Polands. They are especially noted for large litters, and the sows are good, careful mothers. We sell a great many weanling pigs at about 3 months old and ship them all over the country. Ask about prices, if interested.

are as prolific as Durocs, as good mothers as Hampshires, as big and deep as Poland Chinas, as quick maturing as the whites, and in bigger demand than any of them.

We have about 1,000 head of them now, all registered, and all good ones, and we ship them all over the United States. We sell them by mail, at reasonable prices, and ship them on approval. We guarantee them to be satisfactory to you in every way or no trade. We furnish papers with all hogs and guarantee safe arrival.

We have two big sales of bred sows this spring, March 14th and April 11th, and it would be fine for you to come to the sales and see the hogs and visit the seedhouse. Or if you would rather buy at private sale, we will sell you whatever you want at any time. *Write for catalog and price list of the hogs.*

Send a Bid for a Pig

If you can't possibly come to our hog sale March 14th, I want you to be sure and send a bid. Of course I would rather you would come yourself, but if you can't possibly come, you can still buy a pig anyway if you are lucky.

I buy lots of pigs that way at sales myself. I just write to the owner or some fieldman or the auctioneer and tell him to buy me something if he can get what he wants inside my price limit. You are perfectly safe and always get a square deal.

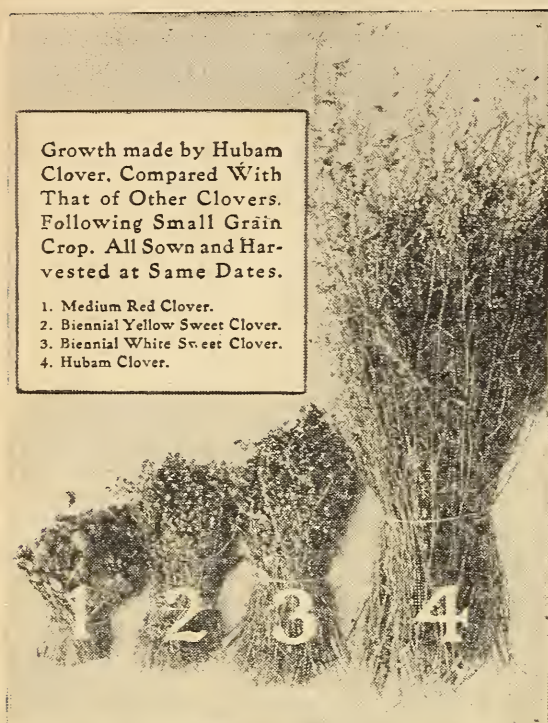
So at our sale you can send a bid on any particular ones, or better yet, send a general bid on any good sow that will fill your requirements.

All you need to do is to write a letter telling about what sort of a sow you want, what age and size, what color, and about what your top price limit is. I will place this letter in the hands of one of the field men, or with some good farmer, and have him use his own judgment in bidding for you. He will buy for you as cheaply as he can, and stop when your limit is reached.

If you get anything I will wire you the night of the sale and then you can send me your check.

As to what price to offer, that is up to you. You can see the list of how they sold in the February sale and you know about how I am selling them on mail orders, \$60 to \$100 each for bred sows according to age, size, quality.

You will be treated right, and the sow bought for you as much under your price as possible, and if she don't look like your money's worth when you get her, you don't have to keep her. You know our guarantee. It's the limit.



Growth made by Hubam Clover. Compared With That of Other Clovers. Following Small Grain Crop. All Sown and Harvested at Same Dates.

1. Medium Red Clover.
2. Biennial Yellow Sweet Clover.
3. Biennial White Sweet Clover.
4. Hubam Clover.

A Comparison

This is an official picture taken of samples of different clovers from the Iowa State College. These are official samples showing the comparative growth of the various clovers, on oat stubble, all sown the same time with the oats, in April, and harvested at the same time, about October 1st.

This is official and tells the whole story. Study it carefully.

Ask for Hubam Bulletin

We have a complete bulletin on Hubam which will tell you all about it. It is entitled "Hubam—The Universal Clover—The Clover That Saves a Year." It will answer any question you are a mind to ask about Hubam. Tells how to sow it, and why. How to tend it, how to thresh, and how to sell it. You can have a copy for the asking. Also a free sample of the seed. H. F.

Reproduction of Clipping from Kan. City Star

THE WEEKLY KANSAS

HUBAM MAKES GOOD SHOWING.

Proves That It Is Adapted for Iowa, Say Experts.

Ames, Ia.—Two years' results with Hubam clover, seeded in the spring, in comparison with other clovers, at the Iowa agricultural experiment station, indicate that in Iowa Hubam will be the best green manure crop to seed with small grain in the spring and plow down in the fall of the same year on soils which are well drained and not acid.

According to the farm crops specialists at Iowa State college, on a 2-year average Hubam clover has outyielded biennial white sweet clover, biennial yellow sweet clover and medium red clover in tons of dry hay per acre by a wide margin. In these tests each of the legumes was seeded with small grain in the spring and harvested in the fall, after each had made its full growth for the season.

Hubam clover has another great advantage over the biennial sweet clovers in that it may be fall plowed the same year it is seeded without having it volunteer in the crop grown on the land the following year. If the biennial sweet clovers are plowed down in the fall of the same year they are seeded they will not be killed and will grow the following year as a weed in any crop that is planted on the land. Consequently, when the biennial sweet clovers are grown as green manure crops to be followed by another crop the next year plowing must be delayed until late in the spring when the biennial sweet clovers will be killed after they have started spring growth.

Since it is estimated that fall plowed ground will yield around ten bushels of corn more per acre than spring plowed ground on most Iowa soils, and most farmers generally prefer to do the bulk of their plowing in the fall, and since Hubam clover makes an excellent growth following small grain, it promises to be an important legume in this state.

Red Oak Farmers Turn the Tables

Make Good Profit on "High Priced" Hubam Clover Seed

Special to *The Nonpareil*.

Red Oak, Ia., Jan. 29—Edward and Gordon Hays, real estate men and farmers, were the laughing stock of many farmers who visited their office last winter and were shown a little sack of Hubam annual sweet clover seed for which they had paid the Henry Field seed house at Shenandoah \$150. The yield from this \$150 sack has turned the tables on the farmer friends who made fun of their buy. In the spring the canning factory bought ten pounds of the seed at \$10 a pound with which they seeded 10 acres on their Mills county farm. This experiment proved a failure because of the fact that the seed was drilled in with acid phosphate, which killed the seed. It was then late, but they decided to make another effort and seeded twenty acres on the M. O. Allen farm southeast of Red Oak. From this planting they got a good stand on six acres and sold their seed from this crop recently for about \$1000. The Hays brothers planted the remainder of the seed, getting a good stand and yield. On Wednesday they sold a truck load of the clover seed from their crop, for which they received about \$1,750, and have about \$1,000 worth of seed still left, thus making about \$2,750 for the crop they received from a part of the \$150 sack of seed on twenty acres of land.

Free Bacteria for Hubam

I am a great believer in inoculation for clover, alfalfa, soy beans, and similar plants. In some soils the bacteria is always present in the soil and you do not need to inoculate, but in other soils the bacteria is not present, and while you may be able to raise a fall crop without them you certainly will raise a much better crop with them.

This is true of all the legumes, such as the clovers and beans, and it is especially true of a plant like Hubam which has such great possibilities of making enormous growth.

You will get fair results with it and get your money's worth even without inoculation, but with inoculation with the right bacteria, you will get a most surprising growth, providing you have a fair amount of fertility and lime in the soil, which I suppose you have.

I want everybody to get good results from their Hubam and have urged them to buy inoculation for it, but many have neglected to do so, so in order to make sure that you inoculate your Hubam, we have decided to give the inoculation free with all the Hubam seed we sell at our regular price of \$2.00 per lb., postpaid. If you have already bought your seed from us at this price, write us and we will send the extra inoculation to you free of charge, postpaid.

You are going to buy Hubam somewhere, and we can sell you the best seed you can get, and besides we will throw in inoculation free, which, if you bought it separately it would cost you anywhere from 35c to \$1.00 per package, according to the amount bought. So remember, and tell your friends. **Inoculation free with all orders of Hubam bought at our regular price of \$2.00 per lb.; 2 1/2 lbs. for \$5.00.**

How to Hull and Scarify Your Annual Sweet Clover

Those of you who had the good fortune to have in a field of Hubam last season will soon desire to plant. Soon be time, too. Here's a letter from a customer that will be very timely, and will do the work just the finest kind. We handled the first small lot we had about two years ago in just about this same way.

"Dear Sir: I am very much pleased with the results I obtained in hulling the Annual, but of course it is a slow way. I took a board about 10 inches wide and 3 feet long, and put on side one inch high. Then put sand paper on it and used a block of wood with sand paper on it, so that is the way I hulled my seed. It was about one-half days work for 21 lbs. of clean seed, after going through the fan. This makes me reap about 168 times as much seed as I sowed. Now, if I do that well for 1921, I will have a lot of seed to sell. Yours respectfully,"

—Ralph E. Close, Palmyra, Illinois.

Money From Bees

A great many people are overlooking bees as a source of income.

The principal drawback in the past has been the lack of a plant that would give a steady honey flow, but that is solved now by the new Annual White Sweet Clover, *Hubam*. This blooms steadily from June 15th to freezing weather, and gives steady, abundant honey flow and steady work for the bees all summer and until late in fall.

Any stand of bees that is healthy and fairly strong ought to make anywhere from 100 to 300 lbs. of honey per season now, providing there is *Hubam* to be had, and my estimate is that a single acre of *Hubam* will carry from one to three stands of bees, possibly more.

The bees work for nothing and board themselves, and you can figure up for yourself what 100 to 300 lbs. of honey per stand is worth at present prices. If you will figure what can be done with 50 or 60 stands of bees or even half that amount you will get some idea of what I am talking about.

We have no bees to sell, but there are places where you can buy them. I would advise you to get in touch with the A. I. Root Co., of Council Bluffs, Iowa, also Medina, Ohio. They will sell you bees and bee supplies.

We sell the bee supplies here at Shenandoah and can make direct shipment from here on anything in that line, but the bees you would have to write direct to A. I. Root about.

Wherever you buy your bees it is important that they be healthy, for they are subject to diseases the same as anybody else, and there is a chance to lose out by buying diseased stuff, but if you buy from the right kind of people they will guarantee the health of the bees. Possibly you could pick them up in your own neighborhood, but if you do be sure they are healthy, and be sure they are in modern, standard hives.

Of course you should plant *Hubam* for the bees. You can plant it in rows or sow it broadcast, just as you please. I think you should figure on one acre to every two stands of bees. Maybe you can get some of your neighbors to plant *Hubam* seed to help feed your bees. That is worth thinking about.

Of course there are lots of other plants that will furnish honey for the bees, but *Hubam* will furnish more honey and better honey than any plant we have ever found and will furnish it steadily, which is a very important point.

Besides, you can make a lot of money off of *Hubam* as a seed, hay, or pasture crop besides furnishing feed for your bees. The seed costs \$2.00 per lb., postpaid, and if drilled in rows, should use 2½ or 3 lbs. of seed per acre.

Special Offer

2½ lbs. of *Hubam* for \$5.00 Postpaid. This will seed 1 acre and should make you 300 to 900 lbs. of seed this fall, and a lot of honey and feed and fertility besides.



A Fine Pair of Boys

"Well, I have been thinking of writing you a letter and sending the picture of our twin boys to put in *Seed Sense*. Now in your last *Seed Sense* you had a picture of your family, all but the two who are married and you spoke about the work Mrs. Field has to do. Now we have about as large a family as you I believe. There are 10 children at home and 2 in northern Iowa. One of them is married and has a baby boy 11 months old. Now I know what it is to do for a large family, but Mrs. Field has all the help. It is just the other way here, ours are all boys but two. One girl will be 15 next May and the other one 8 the 18th of this month, so you can see I have something to do with two babies 8 months old to take care of and both girls in school. The babies sure are sweet and we are all proud of them. We named them Harry Owen and Henry Carl. Harry has five teeth through and three almost through and Henry has four and more about through. They weigh 17 3-4 lbs. and 17 lbs., so just 3-4 lb. difference between them."

—Mrs. C. Z. Watkins, Hamburg, Iowa, Rt. 4

About the Volga Melon

"Dear Sir: Received *Seed Sense* for February yesterday, and last night was reading it, and was reading your article on Volga or Winter Melon, and thought I would write you of my experience with them last year.

"They were just as near the description you gave as they could possibly be. I had them on sod, 45x75 feet, and in the fall gathered 250, from 7 to 10 inches in diameter, and there were not five imperfect shaped ones in the bunch. The patch was a sight to see, as it was literally covered with white melons. They are certainly a drouth resister.

"I had quite a patch of summer melons, but as we live on a public highway had no trouble in selling them, and when they were gone the winter melons sold just as readily.

"There was such a demand for them I only kept a few of them for our own use, and we kept those until December.

"We had in a patch 75x100 ft. in squash, consisting of Hubbards, White Cushaw or Crookneck, Striped Crookneck, and a mottled green color long squash, also the Sweet Potato squash. We gathered over five wagon box loads and left lots on the ground. We want to try your Banana squash, and think we can beat you a foot in length on them.

"We live on the dry land with an average rainfall of about 16 inches, but in the heart of the melon country. The irrigated melon gets some larger than ours but we had them beat for quality. Have an order for seeds nearly ready to send. Respectfully,"

T. S. Ellis, Sugar City, Colo.

Ask for these special booklets. HUBAM, the universal clover. SEED CORN, real seed corn—not pig feed. WHOLESALE PRICE LIST, for market gardeners.



An Unwilling Poser

You people have been kicking for pictures of our grandchildren, so here is one of them, Richard Field Lowrey, the son of our daughter, Faith. He will be a year old May 5th, and is quite a boy, and can already walk and talk a little, but he didn't want his picture taken.

John Henry and Letty though, were determined to line him up, and this is the result. You will note that Dick is considerably peeved. In fact, he is plum hostile.

Prices for King Segis Patent

Lock Ear Tags

People have asked me lots of times for the address and price of those flat ear tags that our hogs wear. All right, here it is, and we will take your orders for them. These are by far the best thing we have ever found. They are generally permanent. We have some that have been in for two years now and that's a long time. We also sell the small round brass ones which hang on with a hog ring, at \$2.50 per 100.

Tags per 100, marked with initials and numbers, including Punch for putting Tag in ear, \$6.50.

Tags per 100, marked with initials and numbers, without Punch, \$4.50.

Ear Tag Punch, \$200.

The above prices include delivery by parcel post anywhere in the United States. Cash must be sent with order.

Hubam Clover

The *Hubam* annual clover I planted last year bloomed profusely from about the middle of August. The plants were 3 to 4 feet high and they were alive with bees from morning till night. The frost and freeze we had did not seem to affect them and the bees worked on them until the first of November. I picked some seed and could have picked some more, but, unexpectedly, we had a foot of snow come on November 8, and the plants went down under this, still full of seeds and bloom. I am of the opinion it has a great future. Elias Fox, Wisconsin.

—*American Bee Journal*, Feb. 1922.



A Kansas Gardener

This is Mrs. B. F. Shultz, Culver, Kans., and a pair of squashes she raised from some of our seed. She told me what kind they are, but I have forgotten. They look to me like the Cushaw though, and I guess that's what they are. They are sure fine squashes and will make good eating. That neck part of the Cushaw is all solid meat and is fine sliced and fried like fried bread, and they make the best kind of pumpkin pie too. Better try them.

Come and See Us Sale Day

I want you to plan to come and see us at the time of one of our hog sales, March 14th or April 11th.

Of course I want you to come and see us any time, but if you are at all interested in the spotted hogs, sale day will be a good time to come, for it will be worth a lot to you to see the hogs and see the breeders that will be here from all over the country. And it will be lots of fun to watch the bidding and a liberal education too, to watch how the experienced breeders bid and which ones they bid on.

Come prepared to take time to visit the seed house, too. We expect to lay off work that day and visit with our friends. This sale will be held in the new Sales Pavilion. It is two blocks from the main seed house, right across from our No. 4 seed house.

The Contest Winners

The names of the winners of the "C" word puzzle picture contest will probably be announced in the April issue of Seed Sense. Also, if we possibly can, we expect to publish the winning list of words at the same time.

Watch for them in the April Seed Sense by about April 10th, write us for a copy. The chances are, however, that if you are entered in the contest you will receive a special copy of the April issue of the Seed Sense.

Of course, the winners will get their announcement ahead of the publication in Seed Sense, but it is not likely we will be able to write a special letter to each contestant, as there are over 20,000 of them, and we are so all-fired busy filling seed orders that we haven't got a whole lot of time to write letters, so by publishing it in April Seed Sense every one can get the information in full.

As I am writing this, about February 20th, the contest has not yet closed. I have not seen the lists myself, except to just glance at them casually as they came in. I have not had time to study them and have no idea who will win.

The contest closes March 1st, and just as soon as the lists can be sorted up and arranged for judging they will be passed to the judges who will take time to make a careful study of them and render an absolutely impartial verdict in accordance with the rules, as much, and I hope you all have. It has been splendid training for all of us, and whether you win a prize or not you will get your money's worth out of the seed you have bought and you will be nothing out on the deal.

Everybody enjoys working puzzles and trying their wits against the other fellow and I hope you have all had a lot of fun out of it.

I can't guarantee you a prize, for there are about 20,000 people in the contest, and it is a cinch that only a few of them can be winners, and I don't want you to cry your eyes out if you don't win.

I can guarantee that you will all get fair treatment, with no special favors and no special favorites. It doesn't matter whether you have bought much or little seed, whether you are an old or new customer, whether you live in Iowa or some other state, one man's chance is just as good as another.

Our congratulations to you if you win, but don't feel too bad if you don't. Remember to watch for the April Seed Sense. It should reach you some time between the 1st and 10th of April.

The judging is going to be a long, hard job, and there is just a possibility that we may not be able to get the judging done in time for the April Seed Sense, but I think we will.

There will be no use asking for news before about March 20, as I am sure we can't tell anything about it before that time, and maybe not that soon. We want to give every list careful consideration, and that will take lots of time. Till April 1st, likely.

Our New Contest

Our customers seem to enjoy the picture puzzle contests so well, that we have started another one to begin at once and end May 1st.

It is practically the same kind of a puzzle picture as the other one, except that the prizes are bigger and the number of objects probably less. The artists who drew the picture made a list of the objects he put in or intended to put in it, but I haven't seen the list and don't expect to see it until after the contest closes.

If you enjoy working puzzles, try your wits on this one and send in your solution. The rules are all printed plainly and clearly, and judging will be exactly in accordance with the rules.

Now, I want to repeat, don't think that you have the certainty of a fortune in this, don't spend your prize money until you get it, and don't cry your eyes out if you don't get it. I will promise you a square deal with no favors to anyone, but that is all I can promise, except that I will promise you your money's worth on any seed you buy in connection with this contest, and so you have nothing to lose.

You have to buy seed and plants somewhere and you just as well buy them from us and have the fun of working the puzzle at the same time.

Remember, you can qualify for the puzzle contest by buying anything we sell, from flower seeds to Spotted pigs. I don't care what it is or how much you buy, just help yourself.

It's lots of fun and good training whether you win or not, and don't cost you anything to try. You have to have seeds anyway, and you just as well order them of us while you are trying the puzzle.

Black Eye Pea or Bean

There is a variety of cow pea known as Black Eye. It also goes under various other names. It is very popular, especially in the south. A really good southern meal is not complete without this dish.

This cow pea or bean is an early variety, bears very heavy with long slender pods sticking up above the vine. It is especially fine cocked with pork. Has a small dark brown or black spot around the eye and has a pleasing flavor.

We can furnish them at 10c one-fourth pound, or 35c per pound post-paid.

Lemon Cucumber

I do not know why this cucumber was given the name Lemon unless because of color when ripe. It is short and chunky in shape, yields well. Is early.

It is recommended especially for its quality. It being very mild with less fiber than other varieties which makes it possible to eat freely of them without suffering from any ill effects. Per packet, 10c; per ounce, 20c.

You May Win \$1,000.00

...NAME ASSURES YOU A FAIR DEAL

I couldn't afford to handle it any other way than on the square. I enjoy a puzzle game of this kind myself and I know you will. We will all have a lot of fun out of it and it need not cost you a cent. You will be ordering seeds any way and you might just as well buy them of me and work the puzzle at the same time. Have a good time with it and win if you can, but don't take it too seriously and don't spend the money till you get it and don't cry your eyes out if you don't get it.

Henry Field



(If this picture is not plainly printed write us for a large, clear one)

HOW MANY OBJECTS CAN YOU NAME IN THIS PICTURE THAT BEGIN WITH "P"

See how many objects you can name in this picture beginning with the letter "P," and mail your list right away. The sooner you mail it the more you can win. You can win over \$1,000.00! It is easy. Try it now. See how easy and fast the list grows. If you devote a little time to it you may win the \$1,000.00! Anyone can compete—mother, dad, sister, brother. Get the whole family around the table tonight and try it. It's lots of fun. Someone is going to win the big prize and it might as well be you. Your chance is good as the next. It don't cost a cent to enter. Get started today for the sooner your answer is mailed the more you can win.

100 BIG PRIZES				
You Get	If you Send No Money	If you Send \$1 to \$1.99 for Seed	If you Send \$2 to \$4.99 for Seed	If you Send \$5 or over for Seed
1st prize	\$25	\$100	\$200	\$1,000
2d prize	15	50	100	250
3rd prize	8	25	20	125
4th prize	4	10	10	75
5th prize	2	5	5	25
6th prize	1	2	2	10
7th prize	1	1	1	5
8th prize	1	1	1	2
9th prize	1	1	1	1
10th prize	1	1	1	1
11th to 100th prize	1	1	1	1

In case of the duplicate prizes will be given.

FOLLOW THESE RULES

- The answer containing the nearest correct list of words naming visible objects or articles in the picture beginning with the letter "P" will receive first prize, according to table above, providing all rules are complied with. The second nearest correct answer receives second prize, etc.
- The answer containing the nearest correct list will receive an extra special prize (in addition to any other prize earned) of \$25 for each week the postmark shows it has been mailed ahead of closing date, regardless of amount of money sent.
- In addition to the ten prizes listed above the 90 next best solutions will receive consolation prizes of the amount sent in with their qualifying orders, up to \$5. (If you think your solution will be one of the 100 best you sure ought to qualify it with a \$5 order. It will be a fine chance to get some seeds free, even if you don't win a big cash prize.)
- Anyone may submit an answer except residents of Shenandoah, our employees or members of their households.
- All answers must bear your local postmark not later than May 1, 1922, the date this game closes.
- Write your list on one side of paper only. Number each word. Place name and address on each sheet. Send order and correspondence on separate sheets.
- Only single words, appearing in Webster's dictionary shall be used to name any object. Compound hyphenated words appearing in Webster's dictionary as such will count where neither unit comprising it is also used in the list. No plural word shall be used where singular is also used, nor vice-versa. No obsolete words shall be used. No word shall appear twice in your solution, either as a simple word or in a compound word.
- Words of the same spelling can be used only once, even though used to designate different objects or articles. An object or article can be named only once. Duplicates of the same object do not count. Parts of objects may be named.
- Only one prize will be awarded in the same household or where it is apparent two or more persons have co-operated together in their solutions. Work together if you wish but send but one list.
- The judges will meet two weeks after close of contest to decide winners. All participants agree to accept as final and conclusive the decision of the three independent judges. Names of all winners will be published in "Seed Sense."
- All answers will receive equal consideration whether accompanied by any remittance or not.
- In case of the duplicate prizes will be given.

YOU'LL BE BUYING SEED ANYHOW—SO WHY NOT KILL TWO BIRDS WITH ONE STONE?

This contest is open to everyone, regardless of whether you send us money or not. There is no entry fee, no money to pay. You are not required to sell anything for us or buy anything from us. However, if your list of words is a good one you should see to it that you are qualified to win one of the large prizes.

SPECIAL TIME OFFER—THE SOONER YOU ACT THE MORE YOU WIN

For each week, prior to May 1, 1922, that your answer is mailed, we will add \$25 to any first prize you win. For instance, if the postmark shows your answer was mailed March 14, and your solution is nearest correct, and is qualified by a \$5 order, you win \$1,000 plus \$150, or \$1,150. If your winning answer is mailed four weeks before closing date, you win \$100 extra, if your answer is nearest correct. This is a special extra prize for quick work. So don't delay. A week's delay may cost you \$25.

HOW TO WIN THE BIG PRIZES

If you can find as many as 50 objects in this picture beginning with the letter "P" you sure ought to try for one of the big prizes. To qualify for the \$1,000 prize you send us your order for \$5 worth of seed chosen from the catalog, or if you don't want to order the seed right away send along the \$5 and we will send you a due bill good for that amount in trade for a year. To qualify for the \$200 prize send \$2 to \$5; for the \$100 prize send \$1 to \$2; for the \$25 prize you buy nothing.

Any order of \$1 or over qualifies you for one of the large prize columns above. Any order of \$5 or over makes you eligible to win the \$1,000 prize. If your order is \$2 or over and less than \$5 you may win the \$200. A \$2.37 order would put you in that class. An order between \$1 and \$1.99 qualifies you for the \$100.

What Would You Do With \$1,000

Wouldn't it be grand to win \$1,000? Maybe have it come in the mail some day as a surprise! Just think of winning more than you could save from a year's hard work just for an evening or two of fun solving the puzzle. Someone is going to win. It may be you. Start now. Get busy while others are thinking about it. The sooner you start the better your answer will be and the sooner you mail it the more you can win.

Special Due Bill Offer

It is not compulsory that you order seed with your remittance and solution. You can, if you'd rather, send us money to qualify yourself in any class and receive in return a due bill good in trade for one year.

GET MY BIG NEW CATALOG AND "SEED SENSE" FREE

Write at once for my big new seed Catalog. You will need it when you make out your selection of seed for your qualifying order. It shows a good assortment of mighty fine seed at reasonable prices. Whether you try the picture-puzzle or not you ought to be buying your seed out of it, anyhow. So write for it today. I will throw in a free copy of the last issue of Seed Sense, too. It is chock full of useful and interesting information. And if you send in an order of \$2 or over you will get it free of charge for a year.

Send me your orders for Hubam, Alfalfa, Clover or any of our field, grass, garden or flower seed, bulbs, plants, shrubs, seed corn, nursery stock, sorghum, kafir, sudan grass, timothy, soy beans, etc. No matter how big or little your order, send it with your answer and it may win you a prize. If your order is over \$5 we will apply \$5 toward the grand prize. In this picture-puzzle offer **ANY ORDER OF \$1 UP COUNTS ON A PRIZE**

HENRY FIELD SEED CO. Box 0000 SHENANDOAH, IOWA



Sample of Our Grapes

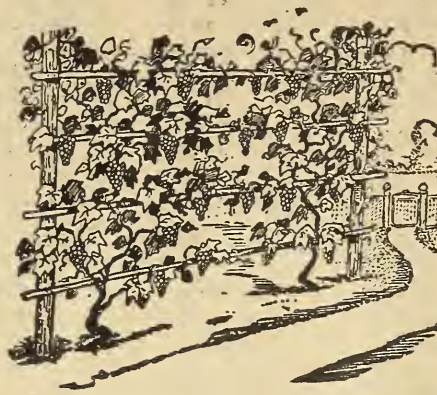
Some one asked if our grape vines were real vines or little things. Here is an exact photo of how they look and how we pack them. Some class.

We wrap each plant separately with moss on the roots and label each plant so there can be no mistakes. Then the whole bunch is tied like this, and a heavy wrapper put around the whole thing and they are sent to you postpaid or by prepaid express.

They will reach you in perfect condition, and big fine plants like the ones shown. We will guarantee that they will please you.

We raised these vines ourselves right from the cuttings and they have always had the best of care, and I don't believe you can get better ones anywhere.

Our prices are right. They are lower than you will get most places and I believe we give you better plants than most. Try it and see.



Grapes

More grapes will be planted this year for both commercial and domestic purposes than ever before. We grow here, on our trial grounds, some of the best rooted and hardiest plants I ever saw. And grapes are a profitable crop to grow.

Everybody should have a few grape vines in the home garden. There is scarcely a yard so small, either in the country or city, that room for from one to a dozen or more grape vines cannot be found. They can be planted alongside the house or trained over fences, trellises or doorways and made ornamental as well as useful. They do well on any soil, except low, wet ground. To succeed best they should have a free exposure to sun and air. Have your ground mellow and plant about two inches deeper than they stood in the nursery. If planting along side fences, plant six feet apart. If in open ground, in rows 5 feet apart, and 6 feet in a row. Cut back well when planted out. Leave not more than three buds on vine the first year and then prune severely every year, cutting out the oldest wood and leaving strong new vines. We believe in the list we are offering is included the best varieties grown in this country.

See our big catalog for descriptions of the different varieties. Not room to tell it all here. You just about as well stop with Concord, Moores Early and Worden though.

Prepaid Price List of Grapes

At these prices all grape vines will be delivered by parcel post or prepaid express, all charges paid in zones 1, 2, 3, and 4. If you live outside of zone 4, add 10 per cent per zone for prepaid. (Six or more at dozen rate).

	Each	Doz.
Black Grapes		
Concord	.20	\$2.00
Campbell's Early	.25	2.50
Early Champion	.20	2.00
Moore's Early	.25	2.50
Worden	.25	3.00
White Grapes		
Diamond	.25	2.50
Elvira	.20	2.00
Niagara	.20	2.00
Pocklington	.25	2.50
Red Grapes		
Agawam	.20	2.00
Delaware	.30	3.00
Salem	.25	2.50
Catawba	.20	2.00

Your Yard is Your Home

How many of us have a home out in the woods where we can go to enjoy the cool, fresh air and also the work of Mother Nature.

Then, too, how few people are there who do not enjoy plants and flowers. We should make our own yard the place where we spend our spare time, and when we come home tired and looking for a place to sit down or work out of doors and get fresh air, we should feel that there is some attraction.

We will have all this when we plant more shrubs and flowers in our yard. If you do not have a complete list of our stock, write us and we will be glad to send you a big free catalog.

Then every time we add a shrub here or there on our grounds, we add that much to the value of the property. Now-a-days when a man gets plans for a new home or building he always gets complete plans for landscape work.

Next time you go into the yard, count the bare places that would be made more attractive to your children, your neighbors, and yourself.

Plant Shrubs and Flowers, now is the year of all years.

Our New Garfield Ever-bearing Strawberry

We announced this new variety last year and it is a good one. It makes more plants and is a little heavier fruit maker than some of the other ever-bearers, and the fruit is as good as any, not so red and sweet, perhaps, as the Progressive Everbearers but a good eater.

Our Prepaid prices are as follows:

25 plants	-----	\$1.00
50 plants	-----	1.75
100 plants	-----	3.00

Northern Grown Kleckley

There has been a heavy demand for the Colorado Kleckley in large amounts and we simply can't fill these large orders, for we do not have the seed to spare. We will be lucky if we are able to fill all orders for ounces.

However, we got in touch with a grower we have known and done business with since 1902, when we sold seeds in the little old story and a half seed house at the edge of town. He is furnishing us a stock of Kleckley Sweet, that he says will be entirely satisfactory to those who like the Colorado Kleckley type.

This is an especially fine strain, the seed northern grown, which makes it earlier than most stocks of this variety. We have bought this especially for those growing melons to sell and recommend it to such growers.

Price 15c per ounce, or 50c per one-fourth pound, postpaid. In quantities \$1.25 per pound, to go by express at customer's expense. Ask for Northern Grown Kleckley.

Postpaid Price on Onion Sets

The quickest, easiest and surest way to grow a crop of onions is from bottom sets planted very early in the spring. They are more expensive than the seed, but take less weeding and come in much earlier. They should be planted in rows anywhere from 1 to 3 feet apart in the rows, about 3 inches deep and carefully set, right end up.

It will take anywhere from 300 to 1,000 pounds per acre of the sets, say 9 to 30 bushels, according to how thick they are planted. They can be pulled and sold green for bunch onions, or allowed to ripen down for big dry onions for fall and winter sale. The best sets should be small, sound, dry, un-sprouted, not over an inch and not less than one-fourth inch in diameter. Our bottom grown sets are especially fine.

These sets are generally sold by the pound, and run all the way from 100 to 500 to the pound, according to size. When sold by the bushel they are counted at 32 pounds to the bushel. They can be had in either red, white or yellow.

Growing Onions From Sets

Postpaid Quantity Prices

(Either red, yellow or white)

	Gallon	Peck
Zone 2	\$.70	\$1.15
Zone 3	.75	1.25
Zone 4	.85	1.35
Zone 5	.95	1.53

Send for Our Big Catalog

This issue of Seed Sense is being sent to a great many people who do not receive our big catalog, and if you are one of them, please consider this an invitation to send for one.

The catalog is free, all you need to do is to ask for it. It is not very fancy nor fussy, but aims to tell the plain truth about seeds and help you as much as possible.

You will probably find in this Seed Sense a little slip to be filled out to ask for a catalog, but if you don't find it, just write a postal card or letter in your own way and it will be all right.

Sign Your Name

When you send us a letter or order, please be very sure to give your name and address. Of course you never leave it out, but dozens of people do. We get them every day. Sometimes we can get it from the money order or the postmark, or the return card on the envelope, but sometimes these are missing too, and we are up a stump and your letter is in the "D. F." box. That means "dead file," but the office boy says it means something worse.

Any way, be sure and give your name and address every time and then you will keep out of it. And be sure to enclose the things you mean to enclose, too.

Clover Seed Wanted

If you have clover seed to sell, send us a small sample in a letter and tell us how much you have, what shape it is in, and what is the bottom price that will buy it. We cannot use seed that contains dodder, buckthorn or sourdock, but if seed is of good quality we will try and buy it. A little later we will also be wanting good alfalfa seed.

Seed Sense 25c a Year

Lots of people write us wanting to know how much it would cost a year to get Seed Sense regularly. The price is 25c a year, but we send it free to people who buy seeds or other stuff from us to the amount of \$2.00 or over, and, frankly, I would rather have your \$2.00 seed order than your 25c cash.

We print Seed Sense, not as a money-making proposition, but as a way to keep in touch with our customers and keep acquainted with them. It costs us a great deal more than 25c a year to publish it, but we consider it is money well spent if it keeps our customers in touch with us and keeps them acquainted with what we are doing. We are anxious for all our customers to read it. We would like very much to have you send us an order, but if you cannot send us an order and want Seed Sense anyway, send 25c and we will see that you get it for a year.

Garden a Failure

"In reply to your request of an order from me, will say that you can bank on an order from me of some kind as my garden was a total failure on account of poor seed, and will further more say, it is something that never happened when I used Henry Field seed. I always got some of them, so as soon as I can get in a little money I am going to send for my garden seed. Hoping to ever remain a friend and customer,"
—James A. Reed.

Cossack Alfalfa

One of the Hardest, Grown in Western South Dakota

This variety has extended the alfalfa growing territory over a wide area since the introduction from Russia into South Dakota by Prof. Hansen.

The same branching root system and spreading crown is found on Cossack and Grimm plants alike. Perhaps Cossack is a trifle more erect in habit of growth and is a slightly better producer of both seed and hay. Can be cut late in October in this latitude without winter killing. This fact alone will offset the extra cost at first.

In Siberia, this type of alfalfa was found growing under trying conditions. In some regions the annual rain fall was only eight inches, with a range of temperature from 112 degrees in summer to 50 degrees in winter. Where in the world is there a better test for a hardy alfalfa?

The Cossack seed we have to offer this month comes from western South Dakota. The variegation of bloom is a means of identification. Many blossoms are yellow, others are white, with various shades of blue predominating. Price 90c per pound.

Redhead Tomato, Best Ever

"Enclosed you will find another small order from me. Wish it were larger, but I only have a small place in front of my house. All of the seeds and plants I have got from you previously were in first class shape and as represented. I believe the Redhead is the best ever.

I only had a dozen plants set out and we had all the tomatoes we could eat and about 80 quarts of preserves. Not so bad, is it?

Please send me another catalog as I am giving mine away.

Wishing you big success for 1922, I am,
Yours truly,"

Jerry Hauzlik, Tyrene, N. Mex.

50 New Varieties of Potatoes

Can Easily be Grown From One Package of Our Genuine HYBRIDIZED POTATO SEEDS. Every Seed Will Positively Bring a Different Variety.

These Rare and curious Seeds—from the Seed Balls—will produce white, yellow, pink, red, blue, purple, variegated, and black Potatoes. Often 50 to 200 in a hill. Of shapes, types, and qualities innumerable. Early and late, strange freaks, etc.

All Valuable New POTATOES Are Produced From Just Such Seeds.

One may make your fortune. Now is your time. Give your Boy a chance also to grow "Seedling" Potatoes. It is so easy. He may be the lucky one. The possibility of producing a new variety superior to all others—and more valuable than a gold mine—is fascinating in the extreme.

Order now. Secure Headquarters Stock while you can. Please show this to your friends.
PACKAGE, With Full Directions--15 cts.--4 for 50c. 10 for \$1.00.

Headquarters Stock Pure and True.

A Money-Maker for You.



The potato seed advertised above is that put up and sold by our genial friend, A. T. Cook, of York State. We had him put up a thousand packets for our customers and I am offering them above. They certainly bring interesting results, and while I don't think you will get rich off of a packet of them, you will likely get some surprising results. They grow as easily as tomato seed and should be handled the same way.

H. F.



Soy Beans

There is going to be a big demand for Soy Beans this year, and the supply is short. There is not going to be half enough of the right sorts to supply the demand.

We have been looking out for this and have been quietly buying up all the good seed stock we could get, mainly in northern Missouri and Illinois. We have the varieties that are grown and recommended there.

See monthly price list for latest prices.

Small Amounts of Cow Peas and Soy Beans by Mail

I want every farmer to try at least a few cowpeas and beans, so I will send small amounts by mail, postpaid, as follows: Large package, 10c; pound, 25c; 3 pounds for 65c.

Postpaid Prices on Field Seeds

We find there are lots of people who want only small amounts of field seeds, such as Cane, Sudan, Rape, Cow-peas, Soy Beans, etc., and for their convenience we have arranged to sell practically all the common field seeds at the following prices, postpaid in zones 1, 2, 3, and 4, with 2c per lb extra for each zone beyond 4. 1 lb 25c, 2 lbs 45c, 3 lbs 65c, 5 lbs \$1.00.

Sudan	Dwarf Essex Rape
Feterita	Canada Peas
White Kaffir	Colorado Peas
Milo Maize	Buckwheat
Sunrise Kaffir	Velvet Beans
Fodder Cane	Blackeye Beans
Syrup Cane, all kinds	
Soy Beans, all kinds	
Cow Peas, all kinds	
Field Corn, all kinds	
Field Beans, all kinds	
Millet, all kinds	

If you want to experiment on small amounts, here's your chance. Dip in. All the same price.

Order Plants Now

There is no excuse for any one not having enough small fruit for his table use during the summer, and to can enough for use all winter, to say nothing of the extra money he might make by selling the extra fruit.

Any back yard is large enough to grow some grapes and small fruits. You can use the vines or bush as an ornamental fence or hedge and yet get your fruit. And then we all have a garden spot that is dug up and planted every year and you can put out some strawberries in one corner and not miss the ground, but after you once grow your berries you will miss them.

And the beauty of the small fruit business is that they give you results and crops so much sooner than the trees—that is quite an item you know.

Cheese Factory Wanted

Shenandoah wants a cheese factory, and there is apparently a good opening here for one. Plenty of cows and pasture, and market for the cheese.

Does not need to be a big affair at first but in shape to grow big later.

If you think you would like to try it, write to Earl Ferguson, Shenandoah, or write to me and I will give it to him.

Wireless Telephones

We are getting considerably interested in the new wireless telephones. There are a lot of stations here in town now, and more being put in right along. The bank here is putting in a big outfit.

The receiving instruments are not at all expensive, and we are thinking of taking them on to sell to our people. I haven't got it lined up for sure yet, but by the next Seed Sense I may have a practical low priced set to offer you so you can listen to everything that goes through the air.

Would you like to buy one? If so, write me and I will be able to tell you all about it by that time.

The Contest Winners

Watch the April Seed Sense for the winners of the "C" word contest. They will be announced then if we can get them judged in time. Also the complete list of words will probably be published also. It will be worth reading. I have no idea who will be the winner. Have not looked over the lists yet or called in the judges. You have as good a chance as anyone if you have a good list. But don't cry if you don't get it, for there are about 20,000 people entered, and it's a cinch they can't all win.

Largest I Ever Saw

"I bought some Caladium bulbs from you last summer and they grew to be the largest I have ever seen. Inclosed find photo of some. You can compare them with my height. I am 5 ft., 8 in. The leaves measured 34x49 inches. Yours truly,"

—Emil J. Rasucher, Topeka, Kansas.

The Pearce Canner



The above cut illustrates fairly well what the "Kol-Pak" canner is. It also shows the handy little lifter with which to lift the jars out of the canner. This canner is made of heavy polished tin which is better than galvanized iron, in that it is easier kept clean.

Holds both pints and quarts in any style jar. Will hold either seven quart jars or eight pints. Container is of heavy material, heavily seamed, with a durable cover. Requires a small amount of fuel. We have only a few left. Price \$4.50 postpaid.

Asparagus Plants

"Dear Sir: I thought all last summer I would surely write to you and tell you about my wonderful success with your one year old asparagus plants.

"I was very skeptical about ordering the one year old plants but thought I would believe a seed man once, and ordered your yearling plants as you advised. I set them out on a long row along side of my strawberry patch, and every one grew and produced heavy foliage 2 ft. high. I can hardly wait until spring to see what the result will be. I certainly feel indebted to you for I have tried for years to raise asparagus like my father used to raise. Very truly,"

—Mrs. Clara Ware, Warren, Ind.

Plant Everbearing Strawberries for Quick Money

There is only one kind of fruit that will bring you any returns the first year and that's the Everbearing Strawberries. Set the plants in April or early May and they will begin to bear at once. Will bear heavily in July and clear on until frost. They will much more than pay expenses the first year. Then you will have a beautiful patch for fruit or plants the next spring. With good luck you can count on a quart to each plant set. And a lot of plants to sell besides. Figure it up for yourself.

1,000 plants will set a good sized bed. 10,000 plants will set an acre. We are making a special price or surplus offer of \$12.00 per thousand, not postpaid, in lots of 1,000 and over. Get busy and set a patch.



Sudan for Hog Pasture

Don't forget that Sudan makes the finest hog pasture of anything you can grow. Also it makes hog pasture that will last all summer.

There is only one thing that could possibly be any better hog pasture than Sudan and that is Alfalfa, and if you have Alfalfa you are lucky, but the trouble is that most of us do not have enough Alfalfa.

While we are waiting for Alfalfa and getting it started the thing to do now is to sow Sudan and you will have the next best thing.

Last year I had the Sudan in the same field with the Alfalfa, in which I pastured my hogs, and I found that the hogs like it better than the Alfalfa and kept it eaten down all summer.

It keeps coming up just like Alfalfa does and the more it is eaten down, the more it starts up. You can turn in on it about the middle of June and from then on until frost in the fall, it gives a wonderful amount of feed.

You can either sow it broadcast, drill it in rows or put it in with a wheat drill. My advice would be to put it in with a wheat drill just like you would wheat or oats, only later in the season, just before corn planting time. Have the ground in good condition, use 40 pounds of seed per acre and don't put it in over an inch deep.

It will stand any amount of drouth and hot weather and come up smiling all the time, and if by any chance there is more of it than you need for pasture, it will make a world of excellent hay.

We can furnish the seed of the very best quality at 7½¢ per lb., net, f. o. b. here.

Seed Corn Booklet Free

Send for our Seed Corn booklet. It contains lots of good information about Seed Corn, and it is free for only the asking.

Artichokes

"I know you make whack of Artichokes, but you are wrong... Nothing will make a larger yield and nothing will keep hogs more healthy. Yours truly,"

—Ralph Layton, Eddyville, Nebr.

All right, friend Layton. We won't quarrel about the Artichokes. I find lots of customers do like them and raise them and make money with them.

I don't like them myself and there are none growing in this neighborhood, so I haven't had a chance to see any for several years, but if you like them and can make a success with them, why bless you, hop to it, for I want everybody to do what they want to do and make as much money at it as possible.

A Long Ways From Home

"I have something I want to tell you. I was at my home town back in the summer and I saw a gentleman drive up with a fine load of watermelons. I went up to his wagon looking at his melons, asking him how he raised such big watermelons. I asked him where he got his seed, and he said Henry Field Seed Co., and I told him I wanted the address, and I wanted to order some seed from that company. Some time ago I ordered your catalog for 1921. Now I want you to send me your catalog for 1922, if you please. I want to order a bunch of watermelon seeds and please write and tell me when to order them. I want some like the old friend had in town I saw. He has two kinds of watermelons and he said one was the Halbert Honey and the other was the Golden Honey. They were sure fine."

—L. G. Kennedy, Rusk, N. C.

It don't matter what part of the United States you are in you will find good gardens raised from our seeds. North Carolina is about as far away from here as you can get, and an entirely different climate, but you see how our seeds did for that man.

If you want a good patch of Watermelons or any other kind of garden for that matter, send us your order and we can give you the kind of seed that will raise it.

Coming to the Sale

"Dear Sir: Please send me your seed catalog. I am wanting seed corn and other seed. Would like to take in your Spotted Poland hog sale. I have the black Poland China. Hoping to get the catalog soon. Yours truly,"—P. H. Claycomb, Florence, Nebr.

I just want you to notice that although this man is a Black hog man, he is interested in the Spotted Poland China and intends to come to our sale.

That is the way to learn about any breed that you are interested in. Go to one of the big sales and study the hogs you see there and find out how they sell and the kind of people that buy them, and you can soon tell whether that is the kind of hogs you want or not.

Better come to our sale yourself and see how you like the Spotted hogs.

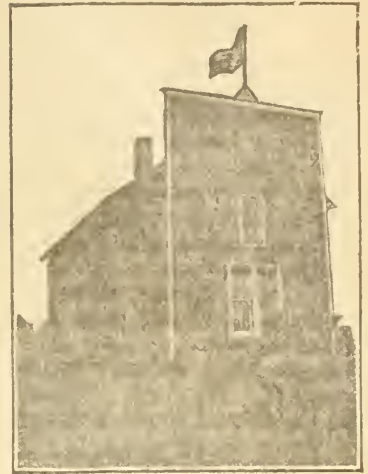
Seeds and Farmogerm

"As a rule, when we go to a store in our town for seeds, we have to take what we can get, and not what we want. I don't like to do this, so am coming to you. Am sending you an order, and as I ran out of room, wish you would please include Farmogerm with my order for beans, peas and sweet peas. I like your seed very much. We feel that we can depend on what you say about seeds."

—Mrs. W. E. Ren, Oak, Nebr.

Quality Seed Last Year

"Your seed brought me \$17.00 in prizes at local fair last year. Thanks for the high quality."—F. L. Birt, Glenrock, Wyo.



My First Seed House in 1902

How Long Have You Bought Seeds From Me?

I have had several letters lately from people who have bought seeds from me steadily for 20 years or more, and I have printed a few of them below. I would like to hear from you as to how long you have been on our list. The picture above shows how our first seed house looked in 1902, but I had been selling seeds a long time before that.

Satisfied Since 1899 With Field Seeds

"Say, you want to know why you do not get an order every year from me? I have been planting some of your seed every year since you had that little four page in 1899. I got it yet. But I did not get the seed in my name all the time."

"Your pole beans are sure good beans but the everbearing strawberries are so good that seeing is believing, that is, if they get a chance."—Frank Feltner, Audubon, Iowa.

Old Customer

"Dear Sir: I have an order ready when I go to town for clover and timothy seed. It is over \$60.00, and I guess I have not missed for eighteen years to send to you for all my seeds and sometimes over \$100.00."

—Mrs. Ed. Schaupper, Jonesville, Mich.

Another 20 Year Customer

"Enclosed find a check to the amount of \$1.50 for which please send me the garden seed and Seed Sense, if that is fair trade. I save so many of my own garden seed that I don't have to buy many, but you may depend on it, you will get the orders I do send, as we have been ordering from you for something like 20 years, and I still think Field's is good enough for me. I was looking in a certain seed catalog today and they picture a pod of peas partly open, and it contains 12 peas. I have been shelling peas for 25 years and never found one pod that contained more than 10 and 9 is very rarely found. The picture in Field's catalog, shows 8, a number that is often found. Facts is what we like, then we won't be disappointed. We are sending along with the order our list of names of objects in the puzzle also. A satisfied customer,"

Mrs. C. C. Ward, Glenwood, Iowa.

Special Offer on Peaches and Apples

In all probability you know we discontinued the sale of all fruit and shade trees about a year ago. But at the time we cut them out of our catalog we were growing some Apple and Peach trees.

And, as a result, they grew up and were ready for sale. Rather than to wholesale them and give them to someone to make a little moeny off of, we thought it best to put them out to our customers at a good low price, and give them the benefit of such a price and good trees.

We have the following varieties in Peaches—

Early Crawford Crosby Salway Triumph Champion
Heath Cling Elberta Alexander

All extra large one year stock, well rooted, good straight trees, and first class in every way.

In Apple trees we have the following varieties—

Jonathan Duchess Gano Winesap Delicious Grimes Golden

The Peach and Apple Trees will go at the same price, as follows—

1 to 10 trees	-----	\$.75 each
10 to 100 trees	-----	.60 each
100 or more trees	-----	.50 each

These prices are f. o. b. Shenandoah. The trees are so large that we could not send them by parcel post and you can pay the express at your end of the line. It will not be much.

The prices on these Apple trees are as I say, the same as the Peach. They are good stock, two years old, and well worth the money.

I suppose if we get a good order from you and you ask us to prepay it that the probabilities are that we would do it. But we will not do it for anything less than fifty trees.

But we do not have a great stock of these trees, and I would say to get your order in early if you plan on getting in on this deal at all.

Business has been good and we are getting lots of orders, but I want to give a few of our people in the Peach growing district an opportunity to get in on this deal first, and now is your time.

Just write your order on the back of this letter and send it in to us, and we will take care of it, and send the trees when you say or at what we consider the proper time for planting.

Questions on Progressive Everbearing Strawberries and Their Answers

How and when it was originated?

Cross between the Pan American and the Dunlap varieties about 10 years ago in Iowa.

Do the plants bear fruit the first year?

They do and especially so if they are planted early and given good care.

Should plants be set out soon as received?

Yes, just as soon as possible.

What soil should be selected in planting?

Good, fertile, well drained garden soil.

What is meant by fertile soil?

Soil that is rich in humus or manure; plant life.

How can soil be made fertile?

By adding stable manure or green manure, vegetation.

What effect does fertile soil have in the growing?

It helps chiefly to retain moisture.

How much stable manure is applied per acre?

As much as 20 ton is often applied.

When is a good time to apply manure?

The year previous to the planting, if possible. If not, as early as you can.

Why the year previous?

So as to allow weed seed to germinate if any and thus keep them down when strawberries are planted.

How should the plants be set?

There are two systems; the hill and the matted row.

What spacing is used?

About 18 to 24 inches in rows about 3½ feet apart for a large planting, and in the home garden 2 to 3 feet spacing.

Should a path be kept between rows?

Always, to aid in picking and cultivating.

Which system do you find best?

The matted row.

Do they bloom first season?

Yes.

Are blooms picked off or left on?

If plants are set out early and are well established, leave them on, otherwise it is good to pick them until July.

Is there danger of reverting to spring bearers if the blooms are picked?

No.

Should they be cultivated?

By all means, once a week is good—it helps hold the moisture and keeps out the weeds.

Should cultivation be deep or shallow?

Shallow, so as not to cut the roots.

Is it well to mulch?

It is, but not too heavy. Mulchings help retain moisture and keep down weeds.

Is the plant large or small?

Medium.

How does it compare with the Dunlap in regard to plant making?

Very similar.

What is size of the fruit?

Medium.

What of the color and flavor?

Dark inside and out and rich and sweet in flavor.

Plant Strawberries

This is a good year to set out small fruits because you want to plant such crops as will produce quick results.

Strawberries are the ideal quick fruit crop, and especially the Everbearers, for they are the only fruit that will make a crop the first year they are planted. We have the best crop of plants this year that we have ever had and will be so fixed that we can give you both good service and good stock because we are devoting special attention to small fruits and ornamental shrubs.

Our prices on strawberry plants are lower than last year and the plants better than ever. We can supply the old favorite, Progressive Everbearer, and in the common varieties, the Senator Dunlap and the Aroma.

Put your order in early and we will do the rest. We will send them at the proper time to plant or any certain time you name.

Here are our reduced prices:

Reduced Prices on Progressive Everbearing

Here are the new reduced prices for spring 1922

25 plants	-----	\$.60
50 "	-----	1.10
100 "	-----	2.00
200 "	-----	3.75
300 "	-----	5.00
500 "	-----	8.00

These prices are all postpaid by parcel post, safe delivery guaranteed. Lower prices on large amounts. Plants are guaranteed to be genuine Everbearing or I will replace them 2 to 1. Send your order now and we will send you the plants by parcel post at the proper time for planting.

Common Strawberries

We have arranged with a first class grower to furnish us plants of the Senator (Dunlap) which we consider by far the best of the ordinary strawberries, and we can furnish you what you want of them at the following prices:

Senator Strawberries, 50 for 65c; 100 for \$1.25; 200 for \$2.25; 500 for \$4.00, all postpaid in zones 1, 2, 3 and 4. Add 10 per cent per zone beyond zone 4.

We can also furnish fine plants of Aroma, the great southern strawberry, at the same prices as the Senators.

Bee Supplies

We carry here at Shenandoah a full line of the A. I. Root bee supplies, which are admitted to be the best in the world. There is a branch factory of the A. I. Root Co., right near us now at Council Bluffs, and if we are short on anything at any time, we can make direct shipment to you from there. Write for prices.

Woman's Rights in the Garden

Now, don't get scared. There's no politics in this. You are not going to get me into any political argument. Not even on women's rights.

I do believe, though, when it comes to gardening, a woman has some rights, in addition to those enumerated in the Constitution of the United States.

To begin with, I believe that every woman has a right to a garden. It's natural to want to garden and dig in the dirt and watch things grow and pick flowers and vegetables.

And especially the woman on the farm. If I was a woman on a farm, I'd have a garden or have a fight. And it wouldn't be a little old weedy corner next to the hedge, but a nice, big, clean piece of ground, the best land on the farm, fenced hog and chicken tight and plowed and harrowed by the men folks first thing in the spring.

And above all, a woman is entitled to good, first class tools to work the garden with.

Honest, now, sister, what kind of tools have you got to tend your garden with? Show 'em up. I know just about the list, anyway. It's an old common hoe, probably rusty and dull, a rake with several teeth broken or bent and the handle loose, and probably an old butcher knife, and maybe a spade that the men wouldn't use to dig post holes.

And you plant the seed by hand in a row made with the corner of a hoe or the end of a rake handle, stooping along and dropping the seed by hand and then coming along and covering them with your feet. It looked like sin but it was the only way you could do.

Do your men folks plant and tend their corn that way?

No, Ma'am. They have the latest two row edge drop planters and riding cultivators. Several generations ago they used to plant and tend corn with a hoe, but men don't put up with that kind of tools very long, at least not in their own work. They get machines with wheels and seats on them even if they have to go in debt for them.

But when it comes to paying out \$12 or \$15 for an up-to-date tool that will plant easily and perfectly everything in the garden and tend it ten times as easy and fast as it can be done by hand in the old style—why then he'll holler like a stuck hog. Can't afford it—all foolishness—mother never had nothing of that kind—wouldn't work nohow—a

woman don't know nothing about machinery anyway.

All right brother. I hope when you get yours in the hereafter it'll be humping your back over an old rusty hoe, in a weedy, lumpy, crooked rowed garden with a sunbonnet over your head and the thermometer 97 in the shade.

But all joking aside (and I wasn't joking much anyway, that's mostly gospel truth) there ought to be an up-to-date garden drill and wheel hoe in every garden. They are as necessary as a cornplanter or a riding cultivator and don't cost one fourth as much.

A good garden is half the living, and it's a mighty hard matter making a good garden without good tools. It can be done but it's uphill business.

With a drill you can plant the seed in nice straight rows all just the right way. And above all, a woman is entitled to

that may be starting there. If you do it right you can do away with hand weeding entirely. Don't that sound good?

And it's easy. Any woman that can run a sewing machine can run one. You walk along straight with your shoulders back and your head in the air. The machine has big light wheels that run easy and carry all the weight. Of course it takes some muscle, but no more than a carpet sweeper or a baby wagon.

The machine comes equipped with all the different attachments and tools needed for any kind of work in planting and tending anything in the garden. It's guaranteed to work perfectly for anyone and in any kind of soil. It's so simple that any woman or boy or girl can get the hang of it in five minutes.

You can get the different styles ranging in price from \$4.00 to \$15.00 each. All are good but the complete \$15 outfit is of course the best.

Yes, of course, you can get along without it. You can get along without washing machines, too, and sewing machines, and incubators, and corn planters, and riding cultivators and self binders, combined listers and lawn mowers. But would you? The garden is the best paying piece of ground on the farm. Why not make it more profitable yet by using modern tools there too?

Honest, sister, if you don't throw away that old rusty hoe and get a wheel hoe this spring I'll think you haven't the spunk of a mouse. If the old man won't let you have the money, don't feed him any garden stuff till he comes across. Starve him to it.

And, by the way, some day 'm going to write an editorial on that subject of a woman having to ask her man for every cent of money she needs. It will be a red hot one, too. Why shouldn't it be a common pocket book for both.

It's just time of year now to get the wheel hoe. You will find them described and listed in my catalog, or if you wish, I will send you a special catalog of them. We have them right here and can make prompt shipment. They are guaranteed satisfactory to you in your own garden or no trade. The ones I handle, the Iron Age and Standard, are the best kinds made, price reasonable.

Now, I've had my say and it's up to you.

P. S. I will not be responsible for any divorce cases or assault and battery cases that may be caused by this editorial.

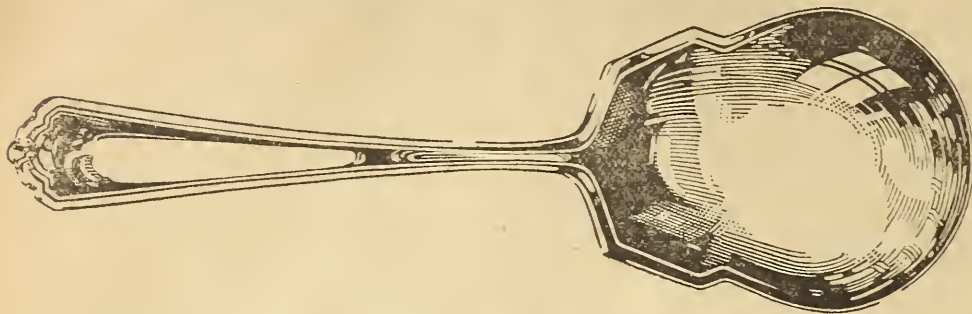


depth, evenly distributed, and so every seed will grow. Your seed will go nearly twice as far. It looks nicer, too. Looks like business. It gives you a garden you can be proud of.

With the wheel hoe you can tend the garden 10 times as fast as you possibly could by hand and you do much better work besides. When the ground is just right to work, you can get over the whole garden in one forenoon, and kill the weeds before they come up. That is the secret of tending a garden easily.

You can work both sides of the row at once and throw a little dirt into the row so as to cover up any little weeds

H. F.



Free Silverware

We have a limited number of premiums that we are going to offer the customers who place their orders for nursery stock at an early date.

Our proposition is just this. With every cash order for nursery stock that amounts to \$10.00 or more, we will give free, and send to you postpaid, a handsome piece of table silver, such as table spoons, gravy ladles, berry spoons, butter knives and sugar shells, articles that will be used and highly appreciated by all who receive them, and they are all GENUINE Community, Rogers or Wallace ware.

The stock or number of premiums is limited and as a result it will be only possible to send them as long as stock lasts. So ORDER YOUR STOCK NOW.

This offer is for any thing listed in our NURSERY DEPARTMENT. But we will give a double premium with every order for our special \$28.00 offer on small fruits found on page 49 in our 1922 catalog.

And let me remind you of the fact that this year we will have Peach and Apple trees in standard varieties, and by-the-way, this will be a good thing to order on your FREE SILVERWARE premium. Prices are right, and as for varieties, we will be glad to tell you if you have not yet seen a 1922 catalog.

DON'T FAIL TO ASK FOR PREMIUMS

\$2.25 Hardy Flower

Collection

Hardy Flowers for Fall or Spring Planting. A whole garden for \$2.25.

The most desirable of all flowers for a farm garden or for a town garden are the hardy flowers that live and grow and bloom from year to year without any attention or replanting.

1 white peony, 1 red peony, 1 pink peony, 1 blue iris, 1 yellow iris, 1 white iris, 1 bush columbine, 1 hardy phlox, white; 1 hardy phlox, red; 1 red Tiger lily, 1 Lemon lily.

This makes 11 bushes in all, which sell at \$2.65. Special price on this entire collection of \$2.25.

Special Offer: If you can get some of your neighbors to put in with you, I will make you an even lower price. Two complete collections for \$4.00, or three complete collections for \$5.75.

\$2.00 Collection of Shrubs

Collection of Hardy Shrubs. I like best the old-fashioned ones like we used to see in grandmother's garden. I have made up here a list of 5 old favorites that will suit every one. You will find a long list farther over; but if you want just a few, and haven't much money to spend, here is the list you want:

1 Hardy White Rose, 1 Snowball, 1 Bridal Wreath, 1 Hardy Hydrangea, 1 Purple Lilac.

1 good-sized plant of each for \$2.00 postpaid in zones 1, 2, 3 and 4. Outside zone 4 add 10 per cent per zone.

Seed Corn Booklet Free

Send for our Seed Corn booklet. It contains lots of good information about Seed Corn, and it is free for only the asking.

FREE WITH YOUR ORDER

A Conglomeration for the Children's Garden

Of course grownup people can plant it too if they want to, and there are no children around that want it, but it is specially meant for children. Every child just naturally wants to dig in the dirt and have a garden. And they want a little of everything in the garden. It would take a hundred packets of seed to supply everything a boy and girl would like to plant. So we have rolled the hundred packets into one. That is, we have taken over a hundred different kinds of seeds and made one big mix of it that will just suit the kids. They can plant it mixed that way or sort out each kind by itself. There's enough seed here to make a wagon load of garden stuff and a whole garden of flowers. I really believe a bright boy can grow \$5.00 worth of garden stuff from it. Count it and see how many seeds there are. And when they grow, keep count of how many kinds you have. Plant in good ground and give plenty of room to grow. Children generally plant stuff too crowded, and other folks do, too.

Can a Woman Run a Wheel

Hoe?

I suppose the question that is asked me oftenest about wheel hoes and garden drills is, "Can a woman run one?"

Yes ma'am, most assuredly you can. It isn't half as hard as humping your back over a hoe. I don't believe there is any work that a woman does in the garden that is as hard and discouraging on a hot day as humping over an old-fashioned hoe, and generally the hoe is dull, too. You chop away at the weeds and straighten up occasionally to rest your back and wipe the sweat off your face and wondered how long it is going to take to get the whole garden cleaned at the rate you are going, and have a hard time in general.

You'd like to have a wheel hoe, but you are afraid they are hard to run, and you are afraid they would cost too much, and you are afraid that if you sent off for one, you wouldn't like it when it came and you would have to keep it anyway, and you are afraid you couldn't do good work with it, and so you keep putting it off and doing work in the old-fashioned way.

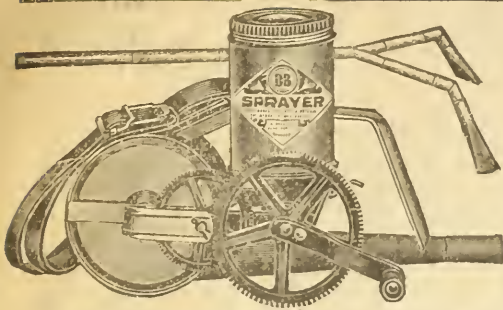
Now the truth of the matter is, that a garden plow is much easier to work than a common hoe. You stand up straight and walk right along with it. You can do about ten times as much work with it in the same length of time as you would do with an ordinary hoe or rake, and not only that, but do it better.

I will personally guarantee this, and in order to show my faith, I will sell you the garden plow on trial. If it isn't absolutely satisfactory in every way, and if it isn't a mighty big improvement over the old way of raising garden you can have your money back. You don't have to keep it, if it don't look to you like a good thing.

With a double wheel garden plow you can work both sides of the row at once and clean it as you go along. Or, you could go between the rows and cut the whole middle as one strip. Or, you could put on the little plows and throw dirt into the row and hill it up like the men do corn only on a smaller scale. You can cover up the little weeds in the row so you don't have to do any weeding. It does away almost entirely with hand weeding which is tedious and back breaking. See catalog for styles and prices.

Ask for Hubam Bulletin

We have a complete bulletin on Hubam which will tell you all about it. It is entitled "Hubam—The Universal Clover—The Clover That Saves a Year." It will answer any question you are a mind to ask about Hubam. Tells how to sow it, and why. How to tend it, how to thresh, and how to sell it. You can have a copy for the asking. Also a free sample of the seed. H. F.



Gear Driven Hand Duster

Price \$12.00, or Complete with a Supply of Dust for \$17.00

This is what we consider the best hand power duster made, and is suitable for either garden or small orchard work, but is especially designed for truck garden work. Weighs 10 lbs., and can be easily carried. Will work either one or two rows at once. Especially fine for radishes, melons, potatoes, cabbage, and such crops. Has a powerful fan which distributes dust evenly and steadily. Has valve and shut off to regulate flow of dust. Fully guaranteed in every way.

Furnished complete as shown for \$12.00, or for \$17.00 with a liberal supply of general purposes insecticide and fungicide dust. More dust can be shipped promptly as needed. Prices are f. o. b. here, to go by express at your expense.

Dust Sprayers

I believe that dust spraying will sooner or later take the place of liquid spraying with a majority of the orchardists and gardeners.

I have been looking into this for some time and corresponding with the manufacturers of sprayers and with orchardists and gardeners, and studying everything I could find on the subject. Also, have studied the reports from a number of Experiment Stations where dusting has been tried in comparison with liquid spraying and with no spraying.

Now I am a firm believer in spraying for all sorts of diseases and insect enemies to plants of all kinds. Liquid spraying is all right. It does the business, no question about that.

I believe, however, that dust spraying will do the work even better than liquid spraying and do it with a whole lot less work.

It saves the hauling around of a lot of water and heavy machinery, and the mixing of liquid messes.

The dust spraying machine is light, easy to move, rapid and efficient.

You can either mix your own dust or buy it ready mixed, ready to dump into the hopper.

I am not sure as to the comparative cost of the two methods, but I think the cost of material is about the same in either case and the labor cost should be much lower with the dust spraying.

You can buy dusting machinery cheaper than you can buy machinery for liquid sprays, and I believe it will prove more efficient, easier to operate, and much less subject to trouble.

Dust spraying machinery can be bought in any size from a big machine suitable for the biggest orchard down to a little machine you can carry in your hand.

You can buy machines equipped with gasoline engines or machines driven by gear and sprocket chains from the wheels, or driven by hand power. In fact, get machines any size and capacity you want from \$2.00 to \$200, and suited for anything from a few bushes up to a 200 acre orchard.

We still sell and expect to sell liquid spray pumps of the best makes, for there is big demand for them and always will be, but at the same time we are going to sell and recommend dust sprayers, and if you are interested in them I will be pleased to have you ask for further information and for prices.

Small Dusters for the Home

Garden

For the home garden the most practical outfit is the hand power duster shown in the illustration above, which sells at \$12.00.

It is suitable for handling all kinds of garden crops, up to several acres, and dusting bushes or trees of all kinds except the very largest trees.

It has adjustable fittings for treating either one or two rows of garden stuff at a time. The force of the fan is continuous and supplies sufficient power for general dusting work and is especially suited for garden crops.

It will handle any kind of dust economically and satisfactorily.

We will supply you with an initial supply of dust of a kind good for general use against all kinds of insects likely to be found in the ordinary garden for \$4.00 additional, and we recommend that you buy in that way. Get the machine and \$4.00 worth of dust to start with and then buying more dust as needed. We can furnish special dust preparations for any special kind of insects or diseases, or can give you the general purpose dust which is supposed to cover practically everything.

The active principal in these dusting compounds is of course generally Arsenate of Lead or Nicotine Sulphate or a combination of the two, either with or without Bordeaux Mixture.

For the very smallest gardens and for experimental work, we furnish the small hand dust gun like the one illustrated above, at \$1.95 for the gun and an initial supply of suitable dust.

It really works first rate and for the small garden or something of that kind it is O. K., and of course will get rid of the insects and disease in good shape, but will not do the work of the bigger machines.

How Much to Use

The amount of dust per acre varies with the crop to be covered. Ordinarily melons, radishes, cabbage or potatoes would take from 5 to 15 lbs. per acre. It depends on the size of the plants and how thick you dust. We send 25 lbs. with the larger machine and 2 lbs. with the smaller.



Hand Dust Gun \$1.25

Or Complete with a Supply of Powder for \$1.95

Here is a hand dust gun suitable for the small home garden. It will distribute any kind of insecticide or fungicide dust economically and quite satisfactorily. Not as good as the bigger machines, but fine for the price. Price \$1.25, or complete with a supply of general purpose dust for \$1.95. Prices are net f. o. b. here, to go by express, at your expense.

Price of Dust

For most purposes and especially for the small trucker or for the home garden we advise the ALL-IN-ONE, or general purpose dust, which combines a fungicide, poison, sulphur, and nicotine. It comes in various sized cans as follows. Can be used on any plants without harm, and will whip most insects.

1 lb cans each	-----	\$.35
5 lb cans each	-----	1.50
10 lb cans each	-----	2.50
25 lb cans each	-----	5.00
50 lb cans each	-----	9.50
100 lb cans each	-----	18.00

Prices are f. o. b. here, to go by freight or express at your expense. Complete directions included.

We can quote on straight lead Arsenate or other items if you wish to mix your own, but for the small grower we advise the mixture above.



Pull Easy Hand Cultivator

\$1.00

This is the cultivator part of the Pull-Easy wheel, but equipped simply with a hoe handle instead of frame and wheel. Quickly adjustable for any width up to 11 inches. Handles easily and prepares the soil in great shape. Price \$1.00. Allow postage for 3 lbs. (7c for zone 2, 10c for zone 3, 15c for zone 4).

IRON AGE

Seed Drill and Double Wheelhoe

Iron Age No. 314 (without plows) \$13.50
Or No. 306 (with plows as shown) \$15.00



This is a combination hill and drill seeder and wheelhoe. The wheelhoe is equipped with 2 turning plows, 4 rake teeth, 2 side hoes, and 2 vine lifters. This is a very complete tool and will take care of any work there is to be done in the way of cultivation or drilling in the family or market garden. Price \$15.00.

Iron Age No. 314 Combined Double and Single Wheelhoe, Hill and Drill Seeder, \$13.50

This is the same as No. 306 except that it does not have the two turning plows.

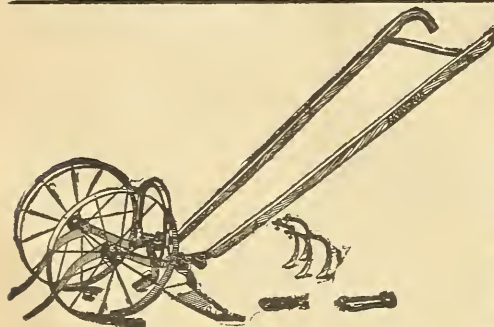
Iron Age No. 301 Double and Single Wheelhoe, \$8.75

This has the same equipment as No. 306 Combined Drill and Wheelhoe, except, of course, the drill. No. 334 Hill and Drill Seeder Attachment can be used with this equipment, making a No. 306 complete. Price \$8.75.

Iron Age No. 313 Double and Single Wheelhoe, \$7.50

This wheelhoe is equipped with the same attachments that are found on the No. 314, namely, 4 rake teeth, 2 side hoes, and 2 vine lifters. No. 334 Hill and Drill Seeder Attachment can be used with this equipment making a No. 314 complete. \$7.50.

Iron Age Double Wheel Hoe and Cultivator No. 313

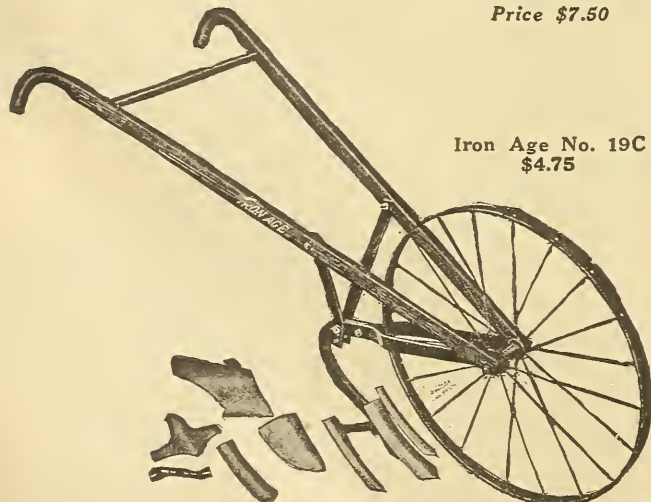


No. 313.
Price \$7.50

For parties who wish a wheel hoe and cultivator independent of the drill, this No. 13 Iron Age is the best to be had. It is a two-wheeler, working both sides of the row at once. It has two pairs of cultivator teeth and a pair of side hoes.

Price \$7.50

Iron Age No. 19C
\$4.75



The cultivating tools include: The Landside Plow, Scuffle Hoe, Two Separate Cultivator Teeth, Set of Cultivator Teeth. Price \$4.75 Complete.

Reduced Prices on Garden Tools

25 to 30 per cent off from former prices

We have cut the prices on garden tools down to where you have a chance to buy them right, and I don't see how you can afford to pass them up now. I know they were too high last year, but we couldn't help it. The factory put the prices up and we had to follow.

But this year the factory has cut prices and we have cut our profit still more, and they are selling now worth the money. The 314, the most popular style is cut from \$18.00 to \$13.50, and so on down the list.

You all know about garden tools, and what a fine thing they are. No use to repeat all that. You can raise more garden and better garden and do it easier and cheaper. And that's what we all want. Every home garden ought to have them and the commercial garden can't get along at all without them.

This cut is on all makes, and all styles. Notice on the other implement pages. Pick out the ones you like best, and get busy.

Wheel Cultivator and Plow

No. 19C \$4.75

If you have never tried a Wheelhoe for your garden, get one of these and see how easy it is to keep your ground under perfect cultivation. It is a low-priced tool and will always be a convenient tool to have for many kinds of work. Many market gardeners use several of these tools and find their use very profitable—a simple solution of the cultivation problem.

Repairs on Iron Age Implements

We carry on hand here at Shenandoah, all kinds of repairs for Iron Age tools. If we do not have them on hand, we will have them sent direct to you from the factory or the nearest branch office, but we generally have them here. We can supply repairs for any Iron Age or Gem Wheelhoe or Iron Age or New Model Drill, no matter how old. The cost will not be higher either. Here are some of the ones called for, and the prices. Prices do not include postage. You pay postage or express. Postage generally is about one-fourth the price of repairs.

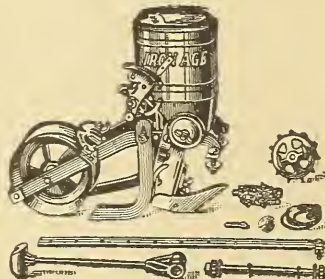
2088 Wire link chain for drill (old style)	.....\$ .30
2089 Presses steel chain for drill (new style)	..... .45
C19 Side hoe (specify right or left) C19A right, C20A left	..... .65
C59 Opening plow for No. 306 drill	..... .40
2080 Wire wheel for drill or wheelhoe	..... 1.00
2069 Marker stick complete (old style)	..... .60
2071 Marker stick complete (new style)	..... .60
H23 Marker drag	..... .40
Plows—C26 L. H., C30 R. H., each	..... .75
Handles, pair	..... 1.00
Cultivator Teeth and Bolts, set 4	..... 1.25
Cultivator Tooth and Bolt, each	..... .35

Discs For Wheelhoe

This is made on the same principle as a big disc, but of the right size to attach to an Iron Age Wheelhoe. Work well in loose, mellow soil, but will not work in hard, cloddy, trashy, or wet ground. Price \$2.50.



Hill and Drill Attachment



If you already have an Iron Age Wheel Hoe, such as No. 313, or No. 301, you can add this drill attachment and plant anything in the garden perfectly. It can be put on or off the wheelhoe part easily, as it is simply fastened by two bolts.

Hill and Drill Attachment. Fig. 334. Price \$6.50.

Landside Plow

Can be attached to any Iron Age Wheelhoe and makes the tool a perfect wheel plow following the line of the wheel. Plows good, deep furrows and runs steadily. Can also be furnished made double like a lister. Price: Single, \$1.15; Double, \$1.60.

Onion Set Attachments

Special onion set drill shoe, price.....65c
Onion set gatherer, price.....\$1.00



Standard No. 20 Single Wheel Cultivator
 And No. 1 Midget Seeder
 Combined \$7.00
 No. 20 Single Wheel Cultivator (without drill)
 Price \$4.00

For a single wheel cultivator the Standard No. 20 shown in the picture above is a mighty good one. It is light weight, easy running, and is very easily adjusted. The picture above shows it with the Little Midget drill attached, and it also shows the different attachments alongside.

The high wheel (24 inch) makes it run easy and balance and steer well. By loosening one wing nut, without the use of a wrench, the handles are adjustable to any height, or to any depth for the cultivation.

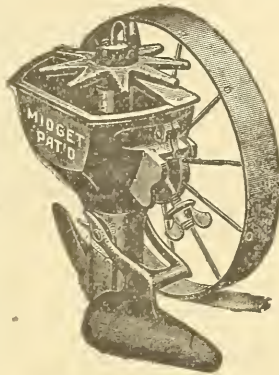
The tool is guaranteed satisfactory and you can make no mistake in buying it. Price complete, as shown, \$4.00.

No. 1 Midget Seeder—\$3.50

The Little Midget is the handiest little drill I ever used. It is very light in weight, easy to lift about or to empty, easy and very simple to regulate the feed. The feed is entirely different from anything else made. The plan is really better than the feed of the larger drills which we handle. There is no brush to wear out. It is not exactly a force feed, but next to it.

Can furnish this drill equipped with a handle at \$4.00. The drill alone \$3.50. The drill and No. 20 wheelhoe combined \$7.00.

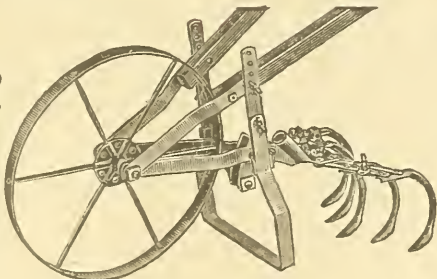
Easily the best drill on the market for the price, and in these days when price counts, it's worth buying.



PULL-EASY

Wheel Hoe \$3.00

This is a very light, nice little wheelhoe, not hardly heavy enough for market garden work, but nice for the home garden. Has 5 cultivator teeth and a sharp hoe blade, and can be changed easily from one to the other. Weighs only 15 pounds and runs very easy. Price \$3.00. If wanted by parcel post add postage for 15 pounds.



Pull Easy Hand Cultivator, \$1.00

This is the cultivator part of the tool shown above, but equipped simply with a hoe handle instead of frame and wheel. Quickly adjustable for any width up to 11 inches. Handles easily and prepares the soil in great shape. Price \$1.00. Allow postage for 3 lbs. (7c for zone 2, 10c for zone 3, 15c for zone 4.)

The Cyclone Seeder

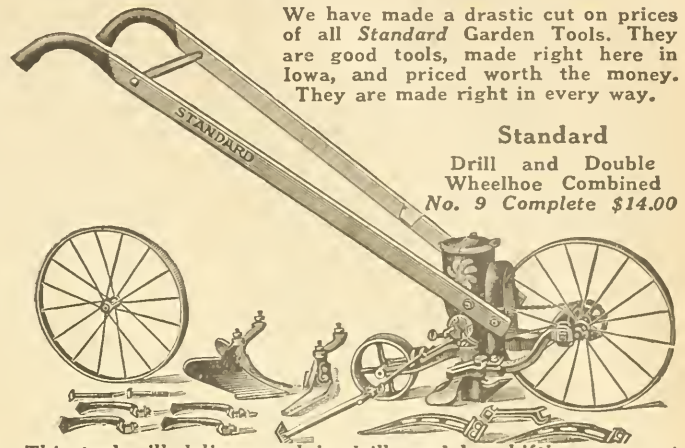
This is the best seeder made at any price. It is roomy, strong, works evenly and will sow any kind of seed any desired thickness. It is fully guaranteed, and if not perfectly satisfactory may be returned at our expense. Price \$2.00 f. o. b. here. If wanted by parcel post, add postage for 5 pounds.

Little Wonder Broadcast Seeder. This is the first and only real good seeder sold so low. Does fine work. Sows any kind of seed. Price \$1.50. If wanted by parcel post add postage for 4 pounds.



Standard Garden Tool Prices Cut

We have made a drastic cut on prices of all Standard Garden Tools. They are good tools, made right here in Iowa, and priced worth the money. They are made right in every way.



Standard Drill and Double Wheelhoe Combined No. 9 Complete \$14.00

This tool will deliver seed in drills and by shifting one part only will drop in hills 4, 6, 8, 12 and 24 inches apart. Index for regulating the flow of seed is in plain view and easily adjusted with brass thumb screw. Shoe has a special V-shaped bottom and is adjustable for depth up to 2 inches. Seeder is driven by steel chain which has ample adjustment at forward end of wheel-arms. Equipment includes four cultivator teeth, one pair of hoes, one pair of plows and two leaf guards. Will plant and tend anything in the garden.



Standard Two-Wheeled Double Cultivator

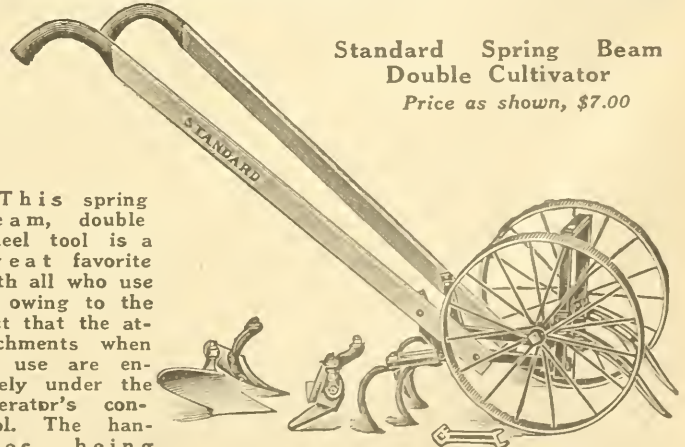
No. 13—With Complete Attachment \$8.00

Drill Attachment \$6.25 extra

This No. 13 Cultivator shown here is the same as the combined tool No. 9, except that it does not have the drill attachment but has all the cultivator parts complete. If you buy this and later decide that you want to use it as a drill you can buy the drill attachments separately for \$6.25, then you would have the regular No. 9 which sells at \$14.00. It is light weight, yet strong enough to last a life-time; can be changed in a minute from a double wheel, for cultivation astride the rows, to a single sixteen inches high and attachments the proper shape, a child can run the tool. It is possible to save the price of this tool in one day, when compared with the old-fashioned hoe.

Shipping Weight, Boxed, 40 Pounds

No. 13 With plows, hoes, cultivator teeth.....\$8.00
 No. 17 With hoes and cultivator teeth only.....6.75



Standard Spring Beam Double Cultivator

Price as shown, \$7.00

This spring beam, double wheel tool is a great favorite with all who use it, owing to the fact that the attachments when in use are entirely under the operator's control. The handles, being bolted to the spring beams, allow them to be moved to and from each other very easily. In cultivating plants in hills the attachments can be worked in and out between the plants, just like cultivator gangs, doing the closest work possible to be done with a wheelhoe. The arch clears the ground fifteen inches and is adjustable in width from seven to eleven inches. Wheels are sixteen inches high, with one inch tires. All tools have oak handles with bent grips.

No. 5 With plows, hoes, cultivator teeth.....\$7.00
 No. 7 With hoes and cultivator teeth only.....6.00

Sow Sweet Clover This Year

There is an increasing demand every year for Sweet Clover and this year I look for a bigger boom than ever, partly because it gave such good results last year and partly because the seed is cheap in comparison to Red Clover.

You can either use the White or Yellow. I used to think the White was the only kind to sow, but I am getting so I think more and more of the Yellow and I find many of my customers feel the same way about it. In fact, we sell just about as much Yellow now as we do White and it would not surprise me if at the end of this season, we found the Yellow was selling ahead of the White.

I am talking about the Yellow Biennial, for the Yellow Annual is worthless. The seed looks entirely different and it is easy to distinguish. The Yellow Biennial grows just like the White except that it is earlier, not quite so coarse, and branches closer to the ground, which makes it better.

We are going to sow this Alfalfa and Sweet Clover right on the Winter Wheat along in March, just the same as you would seed Red Clover. If we get a good catch, as we are practically certain to do, we will pasture it with hogs this fall, and then next summer we will pasture the Sweet Clover until about the first of June and then take the hogs off and cut a hay crop or a seed crop from the Sweet Clover and plow it under in the fall to be followed by Corn. The Alfalfa we expect to keep permanently for hog pasture, but we will pasture it light enough so that we can also cut hay off from it, which will keep it down short for the hogs.

What I started out to tell you was to sow Sweet Clover this year along with your small grain or in with your Winter Wheat just like you would Red Clover. It will improve the land better and faster than any Clover you could sow and will make you a lot of valuable pasture.

Good Clover Seed

"Dear Sir: Your clover seed I bought last year was extra good."

—Ella B. Close, Anita, Iowa, Rt. 1.

That tells the whole story. After watching the clover all summer and watching it grow and watching for weeds in it, she is definitely and decidedly of the opinion that the seed was extra good, and she is absolutely right. We don't send out any other kind of clover seed than "extra good."

You will sometimes see tempting offers of clover seed at bargain prices, and at first glance it might look like we were high on ours or the other fellow was offering you a decided bargain, but generally when you see the seed or see the crop that you raise from it, you will understand that bargains in clover seed are not always so much a bargain as they look. We think we are pretty well posted on clover seed, both as to quality and price, and we buy it just as cheap as we can and sell it just as cheap as we can, and if anyone sells better clover seed than we do or sells as good for less money, we will have to admit that he knows more about clover seed than we do, but I don't believe it is at all likely that he does.

If you want good clover seed that you can depend on and want it at a fair reasonable price, send us your order. We will guarantee to give you your money's worth.

Yield of Hubam

(From Wallaces Farmer)

Hubam has recently been criticized as not yielding as much green manure for turning under at the end of the first year as the ordinary white sweet clover. There are two years of definite experiments on this point at Ames. In 1920, Hubam when seeded with oats produced 3,000 pounds of the dry hay per acre in the fall under the same conditions that the ordinary white sweet clover produced 1,000 pounds, and red clover 500 pounds. In 1921, the lead of Hubam clover over the ordinary white sweet clover was not so much because of the fact that Hubam at the time of cutting was quite mature and a large proportion of the leaves had fallen to the ground. The Hubam this year averaged about 4,100 pounds per acre under the same conditions as the ordinary white sweet clover averaged 3,700 pounds and common red clover 1,900 pounds.

Under conditions as they exist at Ames, the Hubam clover unquestionably seems to have a marked advantage over ordinary white sweet clover as a green manure crop. Moreover, the Hubam clover when plowed under at the end of the first year's growth, is not nearly so likely to act as a weed as the ordinary white sweet clover plowed under at the same time. The common white sweet clover will not ordinarily cause much trouble as a weed when plowed under late in April of its second year's growth, but if plowed under in the fall of its first year's growth, is often very bothersome.

Two years of experimenting at Ames do not necessarily prove the superiority of Hubam clover to common white sweet clover for green manurial purposes. It will require four or five years of experimenting on a great variety of corn belt soils to prove the point. We are convinced, however, that Hubam clover has a distinct field of usefulness, and that eventually, certain strains of Hubam will be selected which will do much to revolutionize our corn belt agriculture.

"Will cattle and other stock eat Hubam hay readily? There is no trouble in growing the plant but will the stock eat it?"

—A. L. Langdon, N. Y.

Did you ever have to learn to eat olives or bananas or something of that sort that you were not used to?

It is the same with Sweet Clover for the cattle. It does have an odd taste to them at first, but if you will turn your cattle into the Hubam or other Sweet Clover when the plants are young and tender, before they get old and tough and bitter, you will find that they will learn very soon to eat it and you will have no trouble with them whatever.

We have pastured all kinds of stock on Hubam and on other Sweet Clover and have never had any refuse to eat it. We have also tried them out with the hay and find they eat it readily.

They may turn up their noses at it the first time, but after they find out that it really is not as bad as it smells, they will go right after it.

They generally will refuse it, however, if it is big and old and fat, and I don't blame them much, but if they start on it when it is young and tender you will have no trouble.

Ordering Thru Merchants

Some of our customers do not understand our position in regard to selling through dealers and they think they can get better prices, or better service, or something of the kind, by having their local dealer order for them. There is absolutely nothing to it.

I have nothing against the merchants. They are nice people, hard working, necessary in many lines of business, and probably need all the profit they can get, but we have entirely left them out of our plan of campaign. We absolutely do not sell through dealers, but only direct to the customers. We have organized our business so we can give the customer splendid service, low prices and direct dealing. We see no reason whatever for going around through the merchants to make a deal.

I know there are lots of seedsmen who handle their business entirely through dealers, and it works very nicely for them, but it wouldn't work for us. Probably it is our peculiar way of looking at things, but we would rather deal direct with the man who wants the seed. It saves lots of bother and going around through a third or fourth party's hands.

If any dealer, or merchant, or broker, or anyone else tells you that he can buy Field's seeds cheaper for you than you can buy them yourself, you politely, but firmly, tell him that he is talking thru his hat. He cannot buy the seeds any cheaper than you can, cannot get any quicker delivery, and he cannot be of any service to you in any way, and he would probably charge you a profit on the transaction which would be entirely unnecessary.

Here is another point. Lots of merchants tell you or may try to tell you that they can get credit or long time on the seeds. Absolutely there is nothing to it. Our terms as printed in the catalog are the only terms we have. The seeds are sold for cash, or shipped C. O. D. to people whom we are satisfied are all right, and the merchant's credit is no better than yours.

Likes the Catalog

"Dear Mr. Field: I am going to write in time for a catalog. I do enjoy going through one and reading your friendly talk. It takes away the blues to read about your nice big family, and look at their pictures. Our seeds we order from you are excellent. Wishing you success and thanking you for the catalog, I am, Respectfully,"

—Mrs. Mae Geary, Millwood, Ky.

Yes, it is nice to get the catalog and read it through, whether you need any seeds or not, and you are perfectly welcome to our catalog even if you don't expect to order seeds. Between you and me, though, by the time you have read the catalog through, you will have the garden fever so bad that you will simply have to send in an order of seeds before you can sleep.

Send for the Catalog

If you have not yet received our big Seed Catalog, better send for it at once.

Gladiola Bulblet Collection

Grow Your Own Bulbs

These are the little wee fellows, about as big as a pea, from which we grow blooming size bulbs to sell a year from now. Some of them will bloom this year, but all will grow and make a bulb that will bloom next year. These are from our best mixture. Most growers refuse to sell these bulblets, but I have decided to offer a limited amount of them at 200 for 35c or \$1.35 per 1,000, sent postpaid. I will send out with each package full directions for growing them to blooming size.

Cemetery Flowers

We have a great many inquiries for hardy flowers suitable for planting in the cemetery, and so I am writing this to answer all the letters at once.

There is nothing much nicer than Roses, and in most localities the best Rose you can plant is the *Everblooming White Baby Rambler*. It is a beautiful little everblooming rose, showing great clusters of white blossoms, practically all summer from May or June on. The flowers are not large, but are beautiful and borne in profusion throughout the season. The bush is hardy here in southern Iowa and while the top kills back some there is always plenty of wood left so that it goes right ahead blooming and I think it would prove hardy as far north as Sioux City.

I do not know of any other rose that is that hardy and at the same time is everblooming. We have the same rose also in red and pink, but most people prefer the white. The price for either color, either white, pink or red, two year plants, each postpaid.

Another fine cemetery plant is the peony. It is hardy everywhere and everywhere, lives for years, and is generally in bloom about decoration day. It should be planted in the spring or fall and is practically sure to live and bloom. You can have either white, pink or red, or all three.

I would especially recommend the following Peonies:

Festiva Maxima—white—\$.75 each
Edulis Superba—pink— .60 each
Felix Crousse—red— 1.00 each

Or, we make a special offer of all three of these, one plant each for \$2.00. These would be good, big, strong plants, just what you want.

We have lots of other flowers and shrubs in our catalog that would be splendid for cemetery planting, but these two items, the *Peonies* and the *Everblooming Baby Rambler*, are so good that I am calling special attention to them. We can furnish you anything you want. You will find them all described and priced in our big catalog

Used Our Seeds 20 Years

"Dear Friend Field: I have bought seed of you for 20 long years. Now, if you were not treating me fair, surely I would have found it out. Best wishes to the Field bunch."—J. B. Overfelt, Rocky Mount, Va.

Special Offer

\$28.00 small fruit collection as recommended by the Iowa State College at Ames, Iowa, not for Iowa alone, but all localities of about the same growing conditions.

It is generally known that our fruit crop in most places is much smaller than it was ten years ago. It is time we were replanting. Place your order and we will send it at the proper time to plant or whenever you say.

Here is our idea of a first class offer. All of these delivered prepaid by parcel post or express in zones 1, 2, 3 or 4.

<i>Strawberries</i> , Senator Dunlap	250 plants
<i>Red Raspberries</i> , King or Cuthbert	75 plants
<i>Black Raspberries</i> , Cumberland or Kansas	75 plants
<i>Purple Raspberries</i> , Columbian	25 plants
<i>Gooseberries</i> , Downing or Houghton	15 plants
<i>Currants</i> , Perfection or Cherry	15 plants
<i>Grapes</i> —	
Concords	25 plants
Moore's Early	9 plants
Worden	6 plants
Niagra	6 plants

Total of 501 plants all for \$28.00

To sum it all up you get 501 first class plants for \$28.00, and it is all profitable stock to plant, and that is what we want nowadays.

Don't Plant Wild Cucumbers

Several people have asked me why we don't push Wild Cucumber as an ornamental vine. It is easy to grow, grows rapidly and makes quite a nice looking vine.

The reason is that it carries a disease which is very dangerous to Muskmelons, Watermelons and Cucumbers, what is known as the Mosaic disease. It shows in yellow spots on the leaves of the vines affected, which gradually kill the entire leaf and the entire plant. It is a very dangerous disease and often wipes out whole fields of Cucumbers and Muskmelons when it gets started.

The scientists have proved that this disease originates and is carried by the Wild Cucumber vine and if Wild Cucumber vines can be kept out of the neighborhood, there is practically no danger of the disease getting started in the Muskmelons and Cucumbers.

So, if you or any of your neighbors are raising Muskmelons, Cucumbers, or Watermelons, don't let any Wild Cucumber vines grow anywhere in your neighborhood. Don't plant any yourself and don't let any grow in your timber.

The disease is carried from one vine to another by insects and especially by the striped Cucumber beetle or melon bug.

Redhead Tomatoes

"I wish to speak a good word for you, pertaining to Redhead Tomatoes. We have always raised good tomatoes but the Redheads excel any we ever raised."

—Miss Zella Griffith, Pomona, Mo.



Asparagus — Easily Grown and Highly Relished

Put plants 10 in. apart in rows. Rows any convenient width apart. No crop the first year, but a fair crop the next year and plenty from then on for 20 years to come. Cut every day or every other day from early spring till peas come. Great money makers. Can't freeze out or dry out or drown out or hail out. Sure income. Regular pension. Sell readily at most places at 10c to 25c lb.

Field culture 12,000 plants per acre. Home garden with rows 2 feet apart. 100 plants for bed 10 ft. by 20 ft. Postpaid Prices of Asparagus Plants

These prices include delivery prepaid by either parcel post or express in zones 1, 2, 3, and 4. Beyond zone 4 add 10 per cent per zone prepay. Prices are for strong plants.

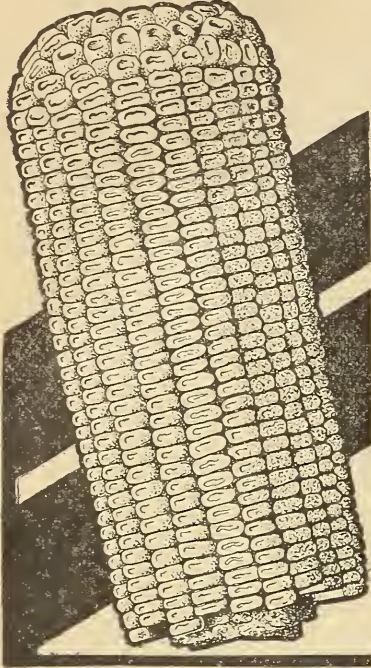
	1 Year					
Doz.	25	100	200	300	500	1000
\$	.25	.50	\$1.50	\$2.50	\$3.40	\$5.00 \$ 9.00
	2 Year					
\$	.45	.65	\$2.00	\$3.50	\$5.00	\$7.50 \$13.50

Horse Radish

Maliner Kren or *Improved Bavarian*. This is an improved variety of horse radish from Bavaria, which is being adopted all over the United States as the standard variety. It can be grown from either cuttings or crowns. The crowns are the top portion of the large roots and will make a big hill the first year.

	Each	Doz.	100
Horse Radish Crowns (3, 25c)	10c	75c	\$4.00
Horse Radish Cuttings	25c		\$1.25
Large lots horse radish cuttings same price as asparagus plants			

Good Seed Corn Business



We are having a splendid run of business this year. It is far ahead of last year in all departments and you may rest assured we appreciate it and feel good about it.

There have been some surprises in the list, however, and one surprise is the comparatively large amount of seed corn we are selling.

I knew we had good seed corn and were selling it at the right price, and we knew that we could give you your money's worth on seed corn and that you could make money buy buying your seed corn from us, but I really hadn't expected any great amount of seed corn business this year.

Some of the croakers had told us that people were going to quit growing corn this year and wouldn't need any seed corn, and we heard it so often that we were about half inclined to believe it, or a little of it.

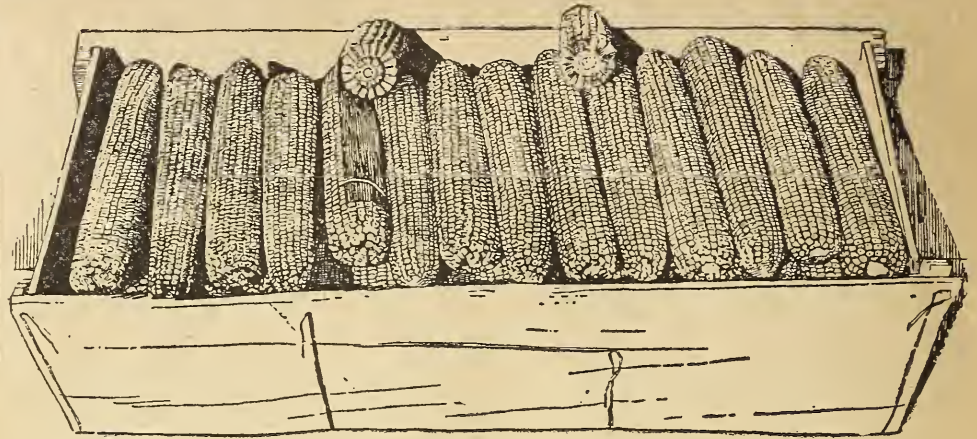
It turned out, however, that people are buying more seed corn than usual and we are getting an enormous amount of orders.

The people are buying good seed corn and are well pleased with what they are getting. We are putting out the best seed corn, I think, we have ever sold in the history of our business and selling it at the lowest price we have sold it for ten years.

I know you would like it as well as the rest of them. Send along and get some of our good seed corn and get in line with the rest of the progressive farmers.

We have a good list of varieties and high quality seed, good germination, good color, well graded, and sold with the guarantee that if it don't look like your money's worth on arrival, you can have your money back.

Ask for Special Seed Corn Book.



Price List of Seed Corn for 1922

These prices are for strictly first class seed, extra selected, butted and tipped by hand, shelled and triple graded, tested before shipping, and tests marked on each sack. Prices are f. o. b. here, sacked in strong, new sacks, with no extra charge for sacks.

Same Price on All Varieties

We will make the following low prices on all the standard varieties.						
10 bu.	5 bu.	2 bu.	1 bu.	½ bu.	Pk.	Gal.
\$2.50 per bu.	\$2.60 per bu.	\$2.65 per bu.	\$2.75	\$1.50	85c	55c

Standard Main Crop Varieties

- Shenandoah Yellow.** Large, rough, yellow, cattle corn. Heavy yielder.
- White Elephant.** Long, smooth, white, heavy yielder, stands hardship well.
- Reid's Yellow Dent.** Large, yellow, fairly rough, extra fine type of ear.
- Boone Co. White.** Deep grained, rough, extra large ear, for good land.
- Cornplanter.** An improved strain of Boone. Longer ear. Beautiful grain.
- Iowa Silvermine.** Medium size white corn, good for old or thin land.
- St. Charles.** Red cob, white corn, strong grower; popular in Missouri.
- Improved Calico.** Striped red and yellow. Good yielder and fairly early.
- Iowa No. 10.** A second-early yellow corn from the state college.
- All of the above are home grown here in Southwest Iowa, and are the best varieties grown here. All sell at prices named above.*

Early Corn—80 to 90 Days

- These are the varieties for planting in the extreme north, or for replanting or for extra early feeding corn here and South. Most of them can be supplied in either home grown or Dakota grown. The Dakota seed is generally earlier and smaller. Please specify if you have any choice. *All same price*
- Silver King.** The standard early white corn for northern Iowa.
- Northwest Yellow Dent.** A similar early corn, only yellow. Very early.
- Red 90 Day.** Very early and hardy. Red grain with yellow cap.
- Flint or Yankee Corn.** Earliest of all. Small, smooth and hard.

Small Amounts of Seed Corn By Mail

Shelled seed, large packet 10c, pound 25c, 3 pounds one variety 65c, 5 pounds \$1.00. Specimen ears 40c each. These prices apply to all varieties, postpaid, anywhere in the United States.

Subject to Your Test

We sell it subject to your own test and approval, and if it is not absolutely satisfactory to you in every way, you can return it at our expense, and we will refund your money and pay the freight. You can't lose on a deal of that kind. You can have two weeks or a month to test it if you wish. All I want is for you to be satisfied.

Guarantee on Seed Corn

Of course I can't guarantee you a crop for I can't be there to plant it and tend it, but you can take the seed home and examine it and test it and call in the neighbors; and if you feel that you have been beat, you can have your money back. That's fair. All I ask is, that you give me a fair shake and I will leave matters in your hands.

Hubam—The New Clover

A clover that will grow six to eight feet the season it is planted and that has unusual ability to fight its way against weeds and drought seems almost too good to be true. Yet such is the record that hubam clover has made in thousands of cases. It is probable that no new crop has ever been given as wide and thoro trial in so short a time as has this new clover. The Iowa experiment station, where hubam was discovered, distributed more than forty-seven thousand small samples of seed to farmers in 1920 and a large number last year. As a result, it has been given sufficient test to determine its merits and the quantity of seed available has been rapidly increased.

That a vigorous growing, annual clover can be used with value on a large percentage of cornbelt farms is well known to all who are familiar with practical farming conditions and practices in that section. Such a crop is what is needed to meet a number of situations which are frequently encountered. For example, one of the problems which almost every farmer must face at more or less frequent intervals is the problem of what to do when he seeds clover and fails to obtain a stand. It seriously interferes with farm plans when a field which was expected to produce clover fails to do so and must be planted to some other crop. Too often the land has been plowed up and put into corn with the result that a considerably larger acreage of corn must be cared for than was planned for and the soil loses the benefit derived from growing a crop of clover.

Hubam seems to be just the crop that is needed to make a crop of clover reasonably certain. If common clover is sown with small grain in the usual way and fails to make a stand, or is winter-killed, hubam can be sown and make a crop the year it is sown.

While the new clover is of great value for seeding alone as an emergency hay or pasture crop, it is probably of even greater value for seeding with small grain. Following the harvesting of the small grain it produces a heavy crop which can be pastured, made into hay, or plowed under.

At the Iowa experiment station strips of hubam clover, and other common varieties of clover and sweet clover were seeded across fields of oats, spring wheat and barley. These seedings were made on what was considered the most favorable soil on the college farm. The small grains were cut when ripe with a binder, leaving about six inches of stubble. None of the more commonly grown clovers—alsike, medium red, or mammoth—made sufficient growth to cover the small grain stubble. The biennial sweet clovers did somewhat better, making a growth of from eight to twelve inches, while Hubam made a growth of from three to three and one-half feet. A comparison of the yield of dry matter obtained showed that hubam had pro-

duced three times as much biennial white sweet clover, five times the yield of biennial yellow sweet clover, and six times the yield of either the medium red or mammoth clover.

Either when seeded alone or with small grain, hubam produces an enormous quantity of material and ripens seed the year it is sown. It has shown unusual ability to withstand drouth and other adverse conditions, such as weeds.

Seed of this new clover was scarce and high in price during the first few years following its discovery, but has now been produced to the extent that it can be obtained from a great many sources and at a price which should induce a large number of farmers to give the crop a trial.

—Successful Farming.

Hubam Clover in So. Dakota

I noticed in The Breeder's Gazette of Dec. 8, a picture taken on the A. I. Root farm showing Hubam and biennial sweet clover. It illustrates a marked difference in the growth in one season. I call Hubam the poor land's and poor man's friend, because for land building it has no equal. From seed from the 4 plants which came from the sample of seed that Prof. H. D. Hughes of the Iowa Experiment Station sent me the first year I planted 8 acres last season, drilling it in with a garden drill at the rate of from 1/2 to 1 pound per acre. One pound is the better amount. The first year it was planted on May 26. It grew to a height of 7 feet and 3 inches before frost, and was full of seed. Last year the first was planted April 1, another batch May 5, and the last batch May 19, all in rows 3 feet and 6 inches apart. It was cultivated three times. The first that was planted (April 1) was up in some very cold weather, which did not kill much of it. It was seeded the best of all the plots, and the only weed which bothered it was sunflowers. The rest of the common weeds have not much effect on it.

It may appear at first that Hubam is about holding its own with the weeds in the row, but about July 1 they are not in the race at all. About this time Hubam grows with leaps and bounds. Last year I tried Hubam with oats. It was very dry here; from June 2 until July 3 there was no rain at all, but Hubam appeared to stand the dry spell better than alfalfa or biennial sweet clover. The oats were cut July 5; at which time the Hubam stood 14 inches high. After the oats were cut there was practically no rain. The Hubam grew 48 inches high, and had quite a bit of seed ripe before frost.

In order to produce the largest amount of seed Hubam should be planted either in rows or broadcast alone. It will leave the ground in the best of condition. The root gets as large as 1 inch in diameter and extends to a depth of 3 feet, leaving a place for water to penetrate to a great depth. It has all machines beaten for deep plowing, and the old root, de-

caying, leaves nitrogen in the ground for the next year's crop.

When Hubam seed gets cheaper and more plentiful Hubam will be one of the best fertilizers known. It will cut the crop rotation a great deal shorter and on places where there is not much live stock to give manure it will be on the job to help make green manure. My hogs liked Hubam. When they could get a plant that was not too big they would eat it right off to the ground.

If there are any weed seeds in Hubam after threshing they can be taken out by using a gravity machine, found at almost any seed house. These machines can almost hand-sort it from weed seeds, and grade it, too. If threshed by a grain separator Hubam seeds with hulls on them can be removed by a common feed grinder. Take a set of old burs and grind the cutting edges smooth. By using them one can rub the hulls off as fast as they can be taken care of by one man, but care must be taken not to get the burs set too tight, or they will smash some of the seeds.—R. L. Dewey, Turner Co., S. D.

—Breeder's Gazette.

Hubam for India

February 6, 1922.

"A short time ago you sent some of the above Hubam sweet clover seed to our office in New Zealand, and now we have a request from our representative in India for some of it, as it has been heard of there. It is intended for one of the numerous military farms where much is being done to promote methods of better agriculture throughout India. Please therefore send by parcel post, securely wrapped and protected for export shipment, two pounds of Hubam sweet clover seed to, c/o Government Military Oat Hay Farm, Okara, District Montgomery, Punjab, India, on Northwestern Ry. As the town is on the North Western railway, please indicate that on the lower left hand part of the address side of the package.

"Please make out your invoice in six copies, charging the seed to us here at Chicago, and we will remit upon receipt of invoice. Please state on the bottom of the invoice to whom the seed was sent and that it was forwarded via parcel post.

Trusting that you will give this order the same good attention that you did our order for New Zealand, and thanking you in advance for early shipment.

"Please include in the package of seed one of your latest seed catalogs and some of your literature, that is, one copy of any circulars you have regarding Hubam sweet clover, also a copy or two of your monthly bulletins containing information regarding Hubam. This will help them out at the other end."

International Harvester Co., Chicago, Ill.

February 8, 1922.

"We wrote you regarding the above on February 6th. This morning we are in receipt of a very good 16 page pamphlet which you sent us, entitled, 'Hubam—The Universal Clover—The Clover that Saves a Year.'

"This is a very good pamphlet, indeed, and we should like to see several of these sent to our military farm, the address of which we gave you in our letter. If not too late, we would ask that you include four or five of these pamphlets in the package of seed; otherwise we would appreciate it if you would mail four or five copies direct to c/o Government Military Oat Hay Farm, Okara, District Montgomery, Punjab, India, on North Western Ry.

"Trusting you will forward these pamphlets in either one of the two ways mentioned, and thanking you in advance."

International Harvester Co., Chicago, Ill.

Spotted Hogs in Arkansas

"Dear Mr. Field: I don't think my husband will ever find time to acknowledge receipt of the pigs you sent him in December last, and so I thought I would write and let you know that he got them all right and they are certainly beauties.

"My husband spends most of his time at the swine residence, as he calls it. He corrects me every time I speak of the hog pen. He said he told you to send the pig that was broke to ride and the one that could beat the drum. He bought a drum before the pigs came and now it is constantly tum, tum, tum. My husband put our little Ezra on the one he thought was broke to ride, but I am afraid Ezra is no broncho buster.

"My husband was always so good about helping me with the house work and rocking the baby and battling with the clothes, but since those pigs came, he scarcely stays in the house long enough to eat, and he is always late to his meals.

"He imagines he is going to get rich right away—is on a big land deal in Texas, and oil wells in Oklahoma, and talks constantly of the big investments he is going to make when he realizes on those pigs. He is in constant communication with Mr. Harding and has the big promise of a big job at Washington, D. C. He said something about the interior of a secretary or a cabinet, or something like that. I just sometimes wish that he had never heard of Spotted pigs.

"I saw an ad in the paper the other day for some fine garden seed and it was signed D. M. F. I thought of course it meant Dear Mr. Field, and wrote for some seed and they never came. I told my husband about it and he said that stood for D—M Ferry.

"I wish you would write to my husband and tell him the little boy riding the pig in 'Seed Sense' is just a picture and not intended to be carried out in full.

"Little Ezra has waked up and I must go.
Respectfully,"

—Mrs. S. O. James, Maysville, Ark.

Hubam Makes Good

"I have been wondering how you came out with your 100 acres of Annual Blossom Sweet Clover this last season, how you harvested and threshed it, and what the yield was per acre. Did you make any use of the straw after you threshed the seed.

"I have been experimenting some with this straw and by running it first through a silo cutter, and then through a grinder, it makes excellent stock feed, and the cattle and horses are crazy for it. By threshing the clover, just as soon after it is harvested, as it will do to thresh, the straw makes fine green feed, and adds materially to the income from the Clover crop."

—W. E. Chisman Seed Co., Lisbon, N. D.

Garden Seeds Win Prize

"My daughter received from the county fair association \$52.00 for prizes from your garden seeds ordered in 1920. She is hoping that she can win the same this fall as she has a pride in gardening and a good garden we have, too."

—John Hartman, Springer, New Mex.

Back to Field's

"I have ordered from you for the last six years through my neighbors. Can say your seeds can not be beat. I look through the other catalogs, and come back to Fields at last.—Mrs. Geo. Dix, Savonburg, Kans.

Store Seeds N. G.

"I am here again with an order, just neglected it last spring, so ran to the store. I don't need to tell you what luck I had. That I am in early this year proves I got what was coming to me."

—J. W. Matheson, Mode, Ill.

Satisfied With Field's Way

"I received the garden seed all O. K., and also the catalog. The day I got yours I got two more from other seed houses, that made three in one day, and it wasn't a good day for catalogs either. There was some more fancy than yours, but they wasn't self made. I see you have three points that you must have to have success—that is, strictly honest, liberal, and a good mixer.

"I don't see where I could put any improvement on your catalog and above all, I see you are not neglecting your family. You are not raising them up to be tender roses. Now, I am pretty well acquainted with you people, to be as far away as we are."

—Robert A. Phipps, Saltillo, Ind.

Seed First Class

"I am sending you another small order this year, and I want to thank you very much for the seed that I got last year. The seed are first class and I believe every one grew. I thank you."

—W. F. Burger, Forest Green, Mo.

Redheads the 28th of June

"Mr. Field, I certainly do like your seed. I ordered seed from you last year and I never saw seed come up as quickly, and every seed came up. I had a splendid stand. The Redhead tomatoes are fine. I sent away for tomato plants. My neighbor said they bore so much earlier than home grown ones, but the Redheads beat. I had ripe tomatoes from the Redheads the 28th of June, and they are smooth and so large for an early tomato.

"Field's Tom Thumb Peas cannot be beat. I am sending my order. Please send as quickly as possible for I must get my Redheads planted."

—Belle Byars, Stroud, Okla.

Fair and Square

"My husband says that Mr. Field is the best man he knows of to deal with fair and square, and the Field seeds are the best. He is in a position to know, as he has dealt with nearly, if not quite all, of the big seed houses. A word of praise helps us all when we deserve it, so thought I would tell you. He (W. W.) does not know I am writing this.

"I like your family picture so much. They all look so jolly, healthy and worth while. I am sure that Mrs. Field and yourself have a right to be proud of your children and your manner of bringing them up, as described in the catalog, is certainly ideal. May you all live long, prosperous, happy lives.

"We have a greenhouse of our own since using your seeds and trade groups every year. We are going to enlarge our greenhouse later, as we haven't room for all the plants we can sell."

—Mrs. W. W. Ford, Middleburg, Vt.

Had Strawberries Each Day

"I am sending you a small order for seeds. We had a fine garden last year and saved nearly all the seeds we needed. We had fine luck with most of the seeds and plants you sent us. Had strawberries every day all summer. The vegetable seeds grew and did well. The flower seeds did very little good, but flower seeds never come good when I plant them in the open ground."

—Sarah Siders, Benton, Kans.

Roses Satisfactory

"I am enclosing herewith, a small order for some garden seed. It is a very small order, but I have only about two square rods of ground and I expect to set a part of this to strawberries. I bought some roses of you a few years ago, and they were so entirely satisfactory that I thought I would try some of your garden seed. Yours truly,"

—T. W. Jackson, Osage, Iowa.

Job's Tears or Indian Beads

We quite often have call for Job's Tears for portiers and other bead work. This is a seed, you will remember, about the size of a pea, rather gray in appearance. It is very hard and smooth, has a hole through the center, and can be threaded on a string just like beads. We can furnish them at 75c per lb., postpaid.

Finds Our Seed Best

"I did not send you an order last year, because a neighbor, who always has a good garden, persuaded me to send with her for my garden seed. My garden was not up to standard, and I have decided to go back to Field's. I was just going to write to you for a catalog, when your catalog and puzzle came."—Mrs. Jessie Speirs, Reinback, Iowa.

\$255 Rocky Fords on 1/4 Acre

"You sent me good seed last year and I am giving you an order of \$29.00 this year again. As long as you send me good seed you and I will trade. I have quit trading with because their seed was mixed up too bad. Your Standard Rocky Ford seed does the best in this climate. I sold \$255 worth off of 1/4 acre of ground. The Ten-Twenty-Five Pollock cantaloupe did not yield very well in this climate. What is your price on the strawberry flavor rhubarb plants this year by the 100 lots. Please write soon. Yours truly,"

—E. H. Rogers, Cornville, Ariz.

Faithful to Field

"Dear Sir: I have not been to your seed house with an order for two years. Well, I didn't suppose you would miss me. It was the first time I had missed for fifteen or eighteen years, but I promise now that I have not been buying seed from other seed houses. We have had good seasons here the last two years and have raised an abundance of all kinds of seed—you see I am not an extensive planter. No, I have no kick coming, friend Henry, you and I have never had any trouble."

—M. L. Johnson, Montevallo, Mo.

Like the Spotted Poland's

"I want to tell you about the sow I bought of you last March. She farrowed 9 pigs and raised seven of them. I sold two of the pigs on the market for \$47.50, and have five of her spring gilts left, all to farrow in March. I can sell them any day for \$40.00 per head.

"The sow farrowed in September again, in time. She is going to farrow in March 9 pigs, and I sold them for \$90.00 at wean-another litter. I think that is pretty good for one year."

—W. A. Morris, Brooks, Iowa.

Back to Old Reliable

"I am coming back to the old reliable seed house for a catalog. I want some good seeds again. I left the farm and did not need any seeds but got another small place and my seed bulk will not be as large, but what I want to know is where to get them, to get good seeds, and if anybody says they aren't any good, tell them to ask me. I also want the price list of your garden plows. It is me that has my garden and truck patch to work. Send price lists of flower seeds as I want to get a lot of pansy seed. Also Portulacca, watermelons, muskmelons, popcorn, gourds, artichokes, and maybe a whole lot more, when I see the catalog. Yours as a friend,"—J. S. Hough, Scottdale, Pa.

Watch the Seed Potatoes

Iowa State College Expert Issues Warning to the Growers

BAR THE HOME GROWN SEED

As During the Summer of 1921 the Heat Affected the Crop—75,000 Acres the Acreage in the State

Special to the Nonpareil.

Ames, Ia., Jan. 19—Seed potatoes for Iowa growers for 1922 will require considerable watching, according to C. L. Fitch, of the truck crops department of Iowa State College, who estimates that any one desiring to get a good crop of early potatoes this season will have to import a new supply of seed potatoes from northern sections. During the season of 1921 the hot summer deteriorated the home grown seed to such an extent that if it is used there is danger of losing about one-fourth the state's crop.

According to Mr. Fitch there are grown in the state about 75,000 acres of Early Ohios. This particular variety was damaged the greatest so that in planting this variety a new crop of seed ought to be secured. With Rural New Yorkers and Cobblers the damage was not so great so that seed secured from stock from northern areas a year ago will be all right to use.

However, unless an exceptionally good crop was secured last summer, it will pay the grower of potatoes to get new seed.

Seed Sweet Potatoes

I have arranged for a supply of seed potatoes for our customers, and will have them shipped direct from the growers to avoid extra freight and handling and time.

They will be packed in boxes, baskets, or barrels, fresh packed at time of shipment, and sound at that time, but you must remember there is always lots of grief with shipping seed sweets, and if you get three-fourths of them through alive you are lucky. We promise they will all be sound when they start, but we will not guarantee all sound on arrival. They will be as good as you can get anywhere however.

VARIETIES—We will have mostly Yellow Jersey and Nancy Hall, as they are the two best varieties. May have a few of other odd sorts but not sure.

PRICES—Same as Irish potatoes \$2.50 per bu., \$1.40 per half bu., per peck—All measured bushel. Shipment by freight or express at your expense.

SHIPMENT—They will be shipped either from Muscatine, Ia., Rogers, Ark., or Topeka, Kans., whichever seems best. Some may be shipped from here.

ORDER NOW—Better get your order in at once, and specify when you will want them shipped. The supply of seed is limited and is offered subject to being unsold.

Northern Grown Seed Potatoes



This is the year to get a new start of Northern grown Seed Potatoes, for the home grown crop all through the corn belt is practically worthless for seed this year. We have foreseen this and prepared to furnish you with the very finest of Northern Red River Grown seed potatoes of the best varieties. This Red River Grown seed is the only seed to use. There is nothing else so good. It is

vigorous, clean, healthy, early maturing, and heavy yielding. These potatoes are specially grown and selected for seed in the Red River district of Minnesota and North Dakota, shipped to us here in car loads, and distributed from here in March and April. They are strictly dry land, non-irrigated stock and extra good for seed anywhere. We can supply the following varieties, which are universally conceded the best:

Red River Early Ohio Irish Cobbler Rural New Yorker

PRICE—\$2.50 per bu., \$1.40 per ½ bu., 85c per peck, f. o. b. here, packed in paper lined boxes, barrels, or baskets. 25c per bu. less if packed in bags. We ship when we think weather is safe in the spring, but customer must assume all risk from freezing in transit. This price good for March 1922, subject to being unsold. Better order early, and we will ship at proper time.

Growing Sweet Potato Plants

A hot bed suitable for sweet potatoes is described in February Seed Sense. However, it should be made about one month later than your tomato and cabbage hot beds. Bed the potatoes about 6 weeks before you set the plants in the field. Here in southern Iowa if we get the plants in the field by May 15th to the 20th it is early enough.

Spread a layer of dirt about an inch or so deep on top of the manure and after the bed has gone through the first violent heat or about one week after it is made, lay the potatoes on this dirt about one inch apart. Cover them with about 4 inches of good soil. If the po-

tatoes touch each other and one happens to decay the disease will spread. If they do not touch, this disease cannot spread.

A bushel of potatoes as a rule will cover a space of 3x6. You can ordinarily figure on about 2,500 plants from a bushel of seed. In pulling the plants, place your hand just over the sweet potato, so that it will not be disturbed when you pull the plants off. It will then quite often send up another shoot.

See that the bed has plenty of water, but do not sprinkle it every day. Wait until it needs water, then water thoroughly. It should be kept covered except on warm days until toward the latter part of the season, when the cover can be left off altogether. Glass is not necessary. A heavy muslin is better.

Wholesale Price on Onion Sets

In our Market Gardeners Wholesale Price List of garden seed we forgot or neglected to price Onion Sets in wholesale quantities, and we are getting a lot of letters complaining about it, so I am printing this to straighten the deal out. We have some nice sets here, I believe the finest we have ever had, and we are selling them in wholesale quantities at prices named below, to go by express or freight at your expense.

	Peck	½ Bu.	Bu.
Yellow Bottom Sets	1.00	1.75	3.25
Red Bottom Sets	1.00	1.75	3.25
White Bottom Sets	1.00	1.95	3.75

Please note that these prices are not prepaid. If you want them to come by parcels post, be sure to add enough money to cover postage. It is better, however, ordinarily, to have them come by express.

The price on the white sets is higher than on the red and yellow, not that they are any better, but they are scarcer and harder to raise, and cost us more. I believe the yellow sets are just as good as the white ones, but the white ones are harder to raise and cost more.

We have the onion sets on hand and can make immediate shipment. Or, if you prefer, we can ship them later on, just as you prefer.

I don't know of any crop that is much surer than onions from sets. Onions are a good price and you can raise a lot of them from a bushel of sets. I raised 8 bushels last year from a peck of sets, in my home garden. They are some work to set out, but are easy to tend, ripen early, and make a big yield.



Seed Barley \$1.00 Per Bu.

There is a great demand for good seed barley this spring, and we are in good shape to fix you out, as we have some very fine seed barley on hand.

It was grown in northwestern Nebraska, is very free from weed seed, has been thoroughly cleaned and graded, and is of a good strain.

Barley is the finest crop of all to sow clover or alfalfa with as it ripens early, does not shade the little clover too much, and does not lodge. It yields well, makes good hog feed, and sells well on the market. Many farmers are turning to barley instead of oats.

PRICE. While this seed lasts (we have 1,000 bu. of it) we will sell it at \$1.00 per bu. in lots of 50 bu. or over, \$1.10 in lots of 5 to 50 bu., or \$125 per bu. on lots under 5 bu. Bags weighed in free. First come, first served.

Earliest Field Corn

The very earliest field corn we have found is White Flint we got from Rhode Island last year. It was ripe and hard early in June. It makes a fair sized ear, large pure white grains, and small cob. Fine for extra early roasting ears. Yields well. We have some seed we raised ourselves, and some we sent back to Rhode Island and got. Better try it.

Price, 1 lb. for 40c, or 3 lbs. for \$1.00, postpaid.

Hubam Clover

"I tried the Hubam Clover, here. It grew seven ft in three months, and finally reached 9 ft. I never saw anything like it."
—Cicero Root, Monticello, Ark.

Volga—A Winter Melon

Out in Colorado there has appeared a rather remarkable melon, which is generally called out there "Winter Watermelon," and it seems to me to be exactly the same melon which we had about 30 years ago under the name of Volga.

I don't remember what became of it at that time or why we quit growing it, but I remember we had it for one year or possibly two years. We secured the seed from a Russian source in the valley on the Volga river and we called it the Volga melon. Some way we lost seed of it and I had pretty nearly forgotten it until two different customers in Colorado wrote me about it this fall.

They state that the seed was brought in there by Russians who came to work in the beet fields, and I am convinced that it is the same melon we had years ago, and it certainly is worth saving. I am going to try and get it introduced into general planting this time and not lose the seed of it.

One of the growers sent me a crate of the melons, crated like Honey Dews, and I thought at first it was simply a crate of Honey Dews, but when we unpacked them they were small, round, thin-skinned watermelons.

They were sent me some time in December, and as I am writing this, January 7th, one of the melons is still lying on my desk as sound and cheerful looking as they were when first picked from the vines. We had intended to cut it for Christmas, but I am still keeping it just to see how long it will keep.

The melon is as round as a cannon ball, generally about 7 or 8 inches in diameter, very solid and heavy and with a very thin skin. There really is not more than a quarter of an inch of shell, and the rest is red meat all the way through.

The outside of the melon is almost a pure ivory-white, although some melons show a very faint stripe. The seed is very small and generally black, although there seems to be one strain that has brown seed.

It is very sweet, I think as sweet a melon as I ever tasted.

It is an early melon as you would judge from its northern origin, and has remarkable quality as a keeper. Of course the ones intended for winter use should be planted late, say in June. They will then ripen along in September, and if carefully handled without bruising and put away in an ordinary cave or cellar, can easily be kept until Christmas or later.

We have secured a small amount of the seed, both of the black seeded and brown seeded strains, and have put it up in trial packets of about 100 seed, at 20c per packet. We would like very much to have you try it out and report results. I really believe it is going to be a very valuable addition to our list of watermelons, as it is very sweet, very early, very prolific, and very hardy, besides being a wonderful keeper.

Avoid Insect Troubles

Here is a fair sample of a good many letters that we get.

"Please send me a new catalog of seeds. Also information on how to kill insects and bugs and worms that destroy garden vegetables as I am in the garden truck business. Had trouble last year with different kinds of beetles on my vines. Yours truly,"

—W. E. Jones, Rt. 7, Clinton, Mo.

A complete answer to Mr. Jones letter would cover a lot of territory, yet we can either give him just the information he wants or tell him right where to get it, in these few paragraphs.

Briefly, troublesome insects are divided in two classes, sucking insects and chewing insects. The sucking insects must be killed by a contact poison such as tobacco tea, kerosene emulsion, whale oil soap and tobacco dust. For chewing insects use such as arsenate of lead, paris green and poisons of that class.

For plant diseases such as wilts, blights, scabs, etc., use bordeaux mixture, copper sulphate, corrosive sublimate, formlin, etc. We will be glad to furnish you a 16 page booklet that covers this subject very thoroughly. It will tell you just what spray material to use for any given plant, insect or disease. No charge for this booklet.

Don't wait until these insects and plant diseases appear before getting a sprayer and stocking up with a few spray materials. It will likely be too late then. Spraying is a form of plant insurance. You may not need it but when you do need it you will need it bad.

You can buy a good sprayer now at a reasonable price. You can get a size suitable for a backyard garden and a home supply of small fruit for \$6.50. This can also be used about the hen house to good advantage. Then there is a smaller one that can be used for spraying house plants and a few small bushes, that sells for \$1.20 and \$1.40. See page 63 of our catalog. Buy your spray materials at the drug store for they cannot be sent through the mail, and express is too high.

See also the page in this issue about dust sprayers and dusting instead of sprinkling. It's the modern method and worth trying. We sell the dust and dusters.

Prices on Egg Carriers

Size	Price doz.	Wt. doz.
15-egg Eyrie	\$3.00	10 lbs.
30-egg Eyrie	\$4.50	19 lbs.
50-egg Eyrie	\$6.00	24 lbs.
100-egg Eyrie	\$7.20	45 lbs.

These prices are f. o. b. here, and they can be sent either by express or parcel post. Add postage for the weight indicated. Less than a dozen of either size supplied at one-tenth of the dozen price each.

Sudan

"Last year I sowed 1 acre of Sudan grass and found it the best pasture I ever heard tell of."—Freeman Rairey, Evart, Mich.

Get Busy on the Clover and Choice Hand-Picked Cane

Alfalfa

I don't believe people realize yet that there is a serious shortage of both Clover and Alfalfa seed.

Sales have not been unusually large as yet, principally because people are putting off buying so as to hold on to their money as long as possible, and I don't know as I blame them. Money is hard to get, and you hate to part with it when you get it, but just the same you have got to part with it pretty soon if you expect to get good Clover and Alfalfa at reasonable prices.

The crop of both Clover seed and Alfalfa seed in the United States was unusually short the past season. Roughly, I should estimate there was just about half a crop of each one. In the face of this there is more talk of seeding down land than I have heard for years and years. People who have been growing lots of corn during the last five years are going to seed down their land and are looking around for Clover and Alfalfa seed. You know this is true, for I bet it is that way right in your own neighborhood.

About half or two-thirds of these people have not yet bought their seed and when they do start buying all at once, at the last minute, there is not going to be anywhere near enough seed to go around. At least not enough seed of decent quality.

The result will be that prices will shoot up and you will either have to pay much more than present prices or else you will have to take a low grade of seed, because it will be all you can get.

So, if you have not yet provided yourself with Clover and Alfalfa seed my advice would be to get busy at once and buy good seed as cheap as you can get it, but don't shop around too long. Every time you ask the price it will be higher.

Don't take poor seed at any price, unless it comes to a desperate last resort, and you simply can't get any good seed at all, which I believe will happen at the tail end of the season.

Look out for imported seed. There is quite a bit of imported Clover and Alfalfa seed floating around the country, which looks fairly good, but can't deliver the goods. We haven't got any of it and don't want any of it, but I have reason to believe that it is being widely distributed around over the country from certain sources and it is liable to make a lot of trouble in the long run.

There is some imported seed that is pretty good, when it comes from a hardy climate like or own, but on the other hand, there is a lot of seed from warm climates which is not worth sowing.

Now, don't say I didn't warn you. We are selling fine home grown Red Clover right now for less than wholesale price and we can't keep that up much longer. Get busy and send your order while you can get good seed, and at a fair price.

Heads

Don't forget that we have carefully selected and hung before frost, heads of cane from most of the varieties I have mentioned. They are the nicest cane heads we have ever had and I really believe 2 lbs. of this selected seed will plant an acre, using a corn planter with a cane plate. Have the rows regulation width.

Besides the regular every-day varieties, can also supply limited amount syrup cane heads of Silver Tip, Arizona origin; Superior Orange, Central, Ill.; The Ashbaugh, Northern Iowa; Jap. Ribbon, Arizona; Red Amber, Central Kansas; and a new one to us from Colorado.

PRICE—We offer this, while the supply lasts, at 40c per lb., or 3 lbs. for \$1.00, postpaid. Here is an opportunity to buy cane in the head and see what you are getting, absolutely cane seed, too, for making honest-to-goodness sorghum syrup.

Start in Alfalfa This Year

This is the year for you to get started with Alfalfa. You have been talking about it year after year, but have had one excuse after another, and have kept putting it off.

This year there isn't a ghost of an excuse for you to stay out of the Alfalfa game. It is not hard to get started. The fact of the matter is it catches easier than Red Clover, quite a lot easier, and if it gets started it is there for keeps and lasts several years, where Red Clover will only last two years.

The best luck seems to be to sow in the spring with small grain just like you would Clover. Sow it with early Oats or sow it with Winter Wheat. In fact, handle it in every way just like you would Red Clover, except use more seed to the acre, as the seed is larger and does not go quite so far.

Fifteen pounds per acre is a good allowance. Some people use 20 pounds in order to get a thicker stand and make the hay finer stemmed.

Sow enough Alfalfa this spring for a pig pasture, and more if you can.

Cow Peas at St. Louis

St. Louis is a great distributing center for cow-peas or southern field peas as they are called.

We have a lot stored there of two or three varieties. Mostly Whippoorwill and mixed, but a few New Eras. We can make prompt shipment from there and reach you with less freight and quicker time than we could from Shenandoah.

So if you are thinking of ordering cow peas from us and think that the freight or time of shipment would be less, just mention it that you would like to have them transferred from St. Louis and we will handle them that way. Write for special prices on large lots.



Kentucky Wonder Beans

This is Violet Marie Weidner, Tina Mo., 3 years old, and a picking of our Kentucky Wonder pole beans. It's certainly a fine girl, and fine beans, too. Picture sent by her sister, Hazel Weidner.

Ton of Pumpkins on 1 Vine

"In the conglomeration you sent in my order last year there was a single Pumpkin seed. This one vine had 51 pumpkins all of good size, the largest weighing 56½ lb., and it was estimated they would average 40 lbs. each. The longest vine was 52 ft., 2 in., long. I gave the above item to our local paper, also took him one of the smaller pumpkins, and he told about me raising over a ton of pumpkins on one vine. Can you tell me what kind of pumpkin seed that was (what name). The ½ acre of Millet we had from seed bought of you last year yielded about 19 bushels.

—J. A. Routh, Hermon, Ill.

Another Alfalfa Convert

"Seed Sense" reaches all kinds of people, not only farmers, but business men and preachers and Y. M. C. A. workers, and, in fact, pretty nearly all kinds you could name.

Here is a nice letter I received from a man who is engaged in Y. M. C. A. work. He is not a farmer, but he is interested in good farm reading matter, so of course, he is a subscriber to "Seed Sense." He was greatly pleased with my Alfalfa talk, and wrote as follows:

"Seed Sense" is good literature. I like it. Your Alfalfa talk is orthodox, but better than that it is human. Really, Henry, you ought to be a good Free Methodist preacher, and I'd like to be on the benches when you got right good and happy. I believe I'd say AMEN and HALLELUJAH in good old darkey style. But I wouldn't be surprised to have alfalfa served when they passed around the Lord's Supper. I know a lot of folks are scared to death of alfalfa but if I owned a farm any place in the corn belt I'd have as much of it in alfalfa as I could possibly handle, or rather as much as the hogs could handle, and the dairy cows. People have become used to having failures with clover occasionally but if they happen to have even one partial failure with alfalfa they think some dire curse has been placed upon them by Providence and 'right about face from Sodom'.

"Well, that is the way the alfalfa talk struck me. I reckon if I had some soil I would write 'Enclosed please find order.' I enjoy hearing from you, and have enjoyed 'Seed Sense'. Want to get down to see you this summer."



Fine Cabbage. 60 Heads Weigh 900 Lbs.

This picture will give you a good idea what you may expect from our cabbage seed under favorable conditions. These were grown by S. S. Turner, Missouri Valley, Ia., and the 60 heads weighed 900 lbs. From our seed of course. Go and buy a head of cabbage at the grocery store, and then figure what this would bring at the same price. You can raise hundreds of such cabbage from 50c worth of seed.

Tomato and Cabbage Plants

We are having a nice lot of tomato and cabbage plants grown here at Shenandoah, and we will be able to fix you out in good shape. They will be ready about April 10, or possibly earlier.

Tomatoes, (heavy transplanted plants), delivered by parcel post, postpaid, 6 for 30c, 12 for 45c, 25 for 85c, 100 for \$3.00.

Varieties: Early June, Mississippi Girl, New Stone, Earliana and Red-head. Also Pepper, Eggplant and Cauliflower at the same price.

Cabbage plants, leading sorts, 12 for 30c, 25 for 45c, 100 for \$1.50, all delivered by parcel post, prepaid.

Ask for special prices on larger lots of cabbage plants.

1,000 Everbearers for \$12.00

We have a surplus of Progressive Everbearing strawberry plants. Fine plants, too. They wintered uncommon well and are turning out much heavier than we had anticipated. They are the genuine Everbearing kind.

So we are giving you a bargain if you can use 1,000 or over. \$12.00 per thousand, not postpaid. Safe arrival and quality guaranteed. If you can't use that many yourself, make up a club order and divide with your friends when they come. You ought to plant that many yourself, though. It will set just about one-tenth of an acre and make you more money than any full acre on your place.

You will get more than enough berries the first year to pay all expenses, and have a beautiful patch to make an enormous yield next spring and all next summer.

Go to it. You can't lose. I don't know any better way for you to make money and make it quick.

Frost Proof Cabbage Plants

We have some inquiry for Frost Proof Cabbage Plants, and a good many people seem to think they are a different variety.

The fact is, they are the regular variety of Cabbage plants, such as Early Jersey Wakefield, Charleston Wakefield, and Early Flat Dutch, but are comparatively hardy because they have grown out of doors in the south through their mild winter weather. They grow slow and are tough and well hardened, and will stand a reasonable amount of frost after they are transplanted.

They are grown in enormous quantities right in the open ground, and sold at very reasonable prices. They have to be sent direct from the people that grow them and for that reason we never have undertaken to handle them, but I think we will make arrangements with some southern grower to fill orders for us and send direct to our customers.

They will be sent, postpaid, direct to you, and probably will look rather dry and tough when they come, but they have a surprising vitality and usually give very satisfactory results.

The price will be 75c per 100, postpaid. No orders filled for less than 100. Later in the spring we will have plants of our own growing here at Shenandoah, fresh from the cold frame, but they will sell at higher prices.

Ask for Hubam Catalog

We have a complete bulletin on Hubam which will tell you all about it. It is entitled "Hubam—The Universal Clover—The Clover That Saves a Year." It will answer any question you are a mind to ask about Hubam. Tells how to sow it, and why. How to tend it, how to thresh, and how to sell it. You can have a copy for the asking. Also a free sample of the seed. H. F.

Gladiola Bulb-let Collection

200 for 35c postpaid

These are the little wee fellows, about as big as a pea, from which we grow the blooming-size bulbs to sell a year from now. Some few of them will bloom this year, but all will bloom next year. These are from our best mixture. Most growers refuse to sell these bulblets, but I have decided to offer a limited amount of them at 200 for 35c, or \$1.35 per 1,000, sent postpaid.



Special Bargain Collection of Gladiola Bulbs

60 Blooming Size Bulbs
\$1.10 Postpaid

We had the finest crop of gladiola bulbs this year we have ever grown and we are going to celebrate by offering the greatest bargain in them that has ever been offered, I believe—60 fine bulbs for \$1.00. Good bulbs, too.

Most people prefer a mixture of colors so 50 of the bulbs will be a mixture of all the best colors. Everything from white to dark red, with plenty of striped and spotted and variegated tints in between. A really first-class mixture, with good colors, big flowers and a long season of blooming. Then I will put in 5 each of the two best named sorts, America and Mrs. Frances King. You have doubtless seen them and admired them, but they have always been high priced till now and you had to admire them at a distance.

5 *America*, the great "peach pink" colored one, big and fine, used to sell at 50c each.

5 *Mrs. Frances King*. Best big red. Bright "cherry red," grows 4 to 5 ft. high, extra large.

50 *Mixed Hybrid Seedlings*, all colors, all good.

60 *Bulbs in all*, all blooming size, young bulbs, two to four inches in circumference, well packed in a box, with directions for growing; guaranteed to reach you safely and to bloom with ordinary care and soil. Sent postpaid for only \$1.10 for the box of 60 bulbs.

Mountain Grown Pansies. From Seeds Grown a Mile High.

If you have ever been in Colorado in the summer time you have probably noticed the wonderful pansies they grow out there. They are simply wonderful. Of course, it is partly the climate, for pansies love cool weather and in the high altitude out there, it sure is cool in summer. We have visited Colorado three different summers on our auto trips and we always admired the pansies and got in touch with some of the best pansy growers.



Finally I made arrangements with a pansy specialist at Boulder, Colorado, to grow me some seed and I have a limited amount of this seed to offer now. It is a mixture only, but the best mixture I ever saw. He says it is the best in the world and I think he's right.

Plant Seed Now

You can just as well raise your own pansy plants though, unless you are in a hurry for quick results. Plant the seed very early, like you would for cabbage or tomato plants. In fact, handle them just the same way, only of course, the seed must be planted very shallow on account of being so small. They grow fast after they once get started and from seed planted in March you ought to get flowers by June. Pansy plants do best in a place partially shaded, even in full sun if kept cultivated and watered. Remember that during hot weather the flowers of all pansies are much smaller than in the spring and fall. Keep all blooms picked off as forming seed pods exhausts a plant. After the flowers get small cut back all long shoots to within two inches of the ground, water and cultivate well, as you would for blooming plants and again in the fall you will be rewarded with a fine crop of pansies. Just before freezing, plants should again be cut back and after ground has frozen, mulch an inch deep with straw.

All Standard Size Packets

Mile High Mixture	25c
Pure White	15c
Deep Yellow	15c
Jet Black	15c

Special Offer: One packet each of above, 4 packets in all for 50c

Aster Plants

We will have some nice Aster plants to offer in April and May at 40c per doz. for mixed, or 50c per doz. for separate colors. These will be good strong transplanted plants, and will be mailed postpaid. Send orders now and we will send plants when ready.

Pansy Plants for Sale

We will have thousands of pansy plants for shipment after April 15th. They are grown from the finest strains of seed and we can assure all lovers of this beautiful flower that they will be surprised and pleased with the size and beauty of this strain of pansies. They will be sent by mail, extra well packed, and safe arrival guaranteed. 1 dozen, mixed colors, postpaid... .75
3 dozen, mixed colors, postpaid... 2.00

Plant Shrubs

I can't help but notice the houses in a community. Try some time and see the difference in general looks between the house that has a few shrubs around it and the one that has none. For a very small amount of money you know we can fix up the yard—you do the inside, and why not think some of the outside of the home—make the house look homelike. Read over our list of shrubs and vines. We can give you good selections in either shrubs or vines at 50c each or 2 for 95c, and \$5.00 per dozen.

And when you look around your yard just count the many little corners and spots that are now bare or that might be changed, beyond a doubt, to look so much better by planting a few hardy old fashioned flowers and roses. And when you think of roses, we can supply the nicest and best baby rambler roses you ever saw, especially in white, and they are good for planting in cemetery decorations along with peonies.

These are just a few general hints and I could write for a long time on all of these things but just go over our list and send in your order. We will take care of you in great shape and send them to you at the proper time to plant.

Other Flower Plants

We can sometimes supply Verbena, Salvia, and Coleus plants. Ask about them if interested. Also Moonvines.

Sale for Gladiola Bulbs

Mrs. C. T. Forbes, Winthrop, Minn., planted some Gladiola bulblets last season and some member of her family, so she states, mistook the little plants for grass, and pulled them up. This is a very natural mistake. Her letter follows:

"Would you please tell me how to grow the little Gladiola bulbs the size of a pea? I have so many off what I got last year. I planted over 100 small ones last year a friend sent to me and they did not grow only 3 or 4, and they were taken for grass by other members of the family and pulled out. I sold one bunch last year for a funeral and got 1.50, and I paid you 60c for the collection, besides I sent several bunches to sick folks and friends. I want more this year."

We wrote Mrs. Forbes that the little bulblets are very slow to sprout and it helps a great deal to soak them in warm water for two or three days before planting, then make a little furrow like you would for peas, and sow them thick, almost touching each other in the row. They will come up in two or three weeks.

In the meantime, be sure the row is marked so that you will be able to keep the weeds down and still not disturb the little plants, or sprouts, that may have started. If you have rich soil and a reasonably good season, by fall you will have many blooming size bulbs.

Just as Mrs. Forbes says, there is a chance for a little pocket money in the growing of Gladiolus. They are the best cut flower grown. Can be used by churches and at various social functions as well as for funeral work. If there is a sale for any cut flower in your town you can sell the Gladiolus.

Did You Get Your Catalog?

We have finished the mailing of our big, annual catalog, about 400,000 in all, and we are now mailing out catalogs on the special inquiries from people not on our list.

If you did not get a catalog, let us know and we will send it by return mail.

Also, if you have a friend who should have a catalog of ours, let us know and we will promptly send one.

Out of the Letter Basket

More Seed for the Money

"We have just received your catalog and are going to send you our order again this year, as we always get more seed for the money than anywhere else. We had a fine garden and intend to have another one this year"—W. H. Thompkins, Skedee, Okla.

Strawberries Did Fine

"I sure did fine with your Everbearing Strawberries. Got 25 plants of you several years ago, and still have a fine patch of them—they are the only berry plants I ever bought in the first two years I sold over \$20.00 worth of plants to my neighbors, so I think I came out pretty well on that investment, yes?"

"That wonderful "C" puzzle you are putting out this season has tempted me to enter your ranks again, so find enclosed an order of various seeds and bulbs that I think will do fairly well out here—most of the flowers are varieties that we enjoyed back in Iowa, but are scarcely known out here.

"We have an Iowa society here in Portland that numbers several hundred. You seem to be well known among the members, I notice. Yours sincerely,"

—Mrs. C. B. Speaker, Portland, Ore.

Redheads Best Yet

"Dear Sir: I have been planting Red-head tomatoes the last few years and I like them very much. They do better here than any I have ever tried. We also like all your seed and shrubbery also we got nine trees from you two years ago and all are living."

—G. E. Sudsberry, Ft. Scott, Kansas.

White Elephant in Nebraska

"I have been growing your seed for the past three years and they are the best seeds that I have sent for out of the seed company of others. And so I am sending you another order this spring, and must tell you about that corn that I sent for from you last year. I got one gallon of White Elephant last fall and from that gallon I got 120 bushels of corn. It planted about two acres. Yours truly,"—Charles Madgefrau, Pierce, Nebr.

Corn Very Good

"This is the third time I have sent you an order. The seed corn I ordered from you was good seed. I got heavy yields, as high as 60 bushels to the acre. I have been well satisfied with your seed. Whenever we need any seed we will order from Henry Field."

Seed Packages

"We received your catalog the other day and also a letter wanting to know why we never ordered anything last year. Your packages of seed are too large, one only has to order every other year. Our strawberry plants we got did fine, after we learned how to take care of them in this dry sandy country."—Mrs. C. A. Karr, Eckley, Colo.

Field's Seeds

"There, that accepts part of your above invitation. I won't tell you why we can't trade because we have done so before, and are very likely to again. Am sending you a small order in a few days and perhaps a larger one later on. I have tried your seeds several times, and always found them just like Henry Field said they would be, so I am going to keep on using them until you fail to make good, and I don't expect you to do that. Here's hoping for a dandy year in the seed business and a lot of new customers as well as satisfied old ones."

—Chas. V. McGrew, Hume, Mo.

Tomatoes are Wonders

"I sent you a small order for Redhead tomatoes, and right here I want to say they are wonders. The best yielders I ever saw, and so uniform in size.

"I passed one catalog to my brother who intends sending you an order, also my sister, Mrs. Denny, of Prescott, was so delighted with the Redhead tomatoes, that she intends to plant them this spring.

"Nothing more to say, only you have a fine, healthy family. Look for an order from me soon."

—B. F. Ainsworth, Prescott, Arizona.

Field's Seeds Satisfactory

"Have bought seeds of you for a good many years here and in Iowa and have always found them satisfactory."

—Isaac Jones, Garden City, Mo.

A Satisfied Customer

"It's very flattering to know that of all your customers you would miss us. No, we did not get seeds from you last year and it was just like this: A friend started a seed business, and we felt it our duty to patronize his business, so we bought all our seeds from him. The seeds were supposedly good tested seeds, but certainly did not measure up to Field standard. For instance, a bean patch that blossomed from June to September, and 'nary a bean, likewise a sweet corn field where only scattered stalks grew, several dollars worth of pansy seed and no pansies; and these returns did not exactly make a hit with us, so we are returning to the Seed house that sells seeds that do grow, older and wiser in experience. Here's hoping for Better Business, Better Crops, and Better Times all around for you and us all. Our place is twenty miles due west of Lincoln on O street road. Come and see us."

—J. F. Bender, Seward, Nebr.

A Satisfied Customer

"Oh, yes, we have a new girl at our house. We have three girls and one boy now. Will send in my seed order later. I like your seeds fine and your way of treating folks."

—Lottie Parson, Anness, Kans.

For Cabbage Worms

"I received your Seed Sense for January, and I see by looking it over some people want to know how to keep Cabbage worms off. We have tried so many different things and the only good remedy we found was to sprinkle the cabbage with ground black pepper, put it on in the morning and it will drive those white millers away, too.

"We are great cabbage eaters and we got so we could not make kraut, for we might get worms. I am writing this so you can print it in your Seed Sense so your customers can try it. We had fine late cabbage. You won't have to sprinkle only about three times a week. Hope you will try it this summer."

"I am going to order some grape vines and other plants as soon as I can get the money saved. Yours respectfully,"

—Mrs. H. J. Fournier, Hazleton, Iowa.

Nice Vegetables

"Dear Mr. Field: I have been wanting to write for a long time but didn't seem to get at it. From your letter, I notice you missed my order last year. Well, the reason was that we ordered quite a collection year before last. Besides, we had such nice vegetables we couldn't stand the temptation to save seed from such crops of beans, peas, tomatoes, etc.

"But I am sending you an order, it's not very large I know, but enough to do us as we are only four, besides having saved some of our own seed."

—Chris Meints, Lowemont, Kansas.

Like Our Packages

"My Dear Sirs: The seeds that I ordered of you came in today's mail, and I will say the Elephant did not step on those packages. They have some size, not like the packages that we get from the western seed houses where they put in just a little pinch of seeds and no conscience in the package, but you can't, or at least we should not, blame them where they are so near out of the latter.

"This valley, as I suppose you know, is the home of the Big Red apple, and the far famed Italian Prune, and if you should have a desire to get full of Prunes, just step over about the 21st of September, and we can accommodate you. Well, this is plenty of nonsense for this time. Sincerely yours,"

—F. H. Nicholson, Freewater, Oregon.

Other Seeds—Poor Garden

"I want to tell you why we didn't order last year as you say it worries you when an old customer doesn't return. We had such a small order last year that we just bought what we needed in town here. When we need much, though, we always come to Mr. Field for it, for we know we will have a good garden if we take care of it. We didn't have much last year."

—Mrs. Oscar Swan, Richards, Mo.

Experience With Hubam

"I am writing you in reference to time of sowing Hubam clover in wheat. I raised 136 pounds this last season and I intend sowing it all this season. There is no scarifier in this section. Will it do as well to sow unscarified seed if sown early? The latter part of February or first of March? I want to tell you my experience with Hubam. In the spring of 1920 I got a small amount of seed from Prof. Hughes, Iowa Experiment Station. I sowed it April 12th, 1920, in the garden, and it made one row 35 feet long, and I had 55 stalks in the row. It grew to 85 inches tall. As it began to ripen I clipped off each sprig that was ripe and put it away, and when I cut the stalks late in the fall I had about as much of the clippings as I had of the regular crop. I hulled it out and had 4½ lbs. of nice clean seed from the 55 stalks. But April 5, 1921, I sowed the 4½ lbs. broadcast on two-fifths of an acre, without any nurse crop. It was so very dry the last season and about one-third of the patch was real sandy soil, and so it didn't get as large on the sandy soil as I did on the rest. And before I could get it threshed, after I had cut it, there came quite a wind storm and blew the sheaves all over the patch. I thought it was all threshed out, but I hauled it to a neighbors and threshed it on a combined thresher and huller. I got 13 lbs. of seed after all. It sure does make a growth in a short time, and to see the way the bees work on it, is wonderful. I intend sowing all the seed I have this season. Hoping to hear from you soon."

—M. J. Atkins, Portland, Ind.

Field's Seeds Best

"Am sending my order as soon as the children finish counting the picture puzzle. Last year I bought seed from our local dealer—never again! Two years ago I had saved my own seed from the abundance of the year before."

—Mrs. J. C. Breezley, Rockwell City, Ia.

Spotted Hogs

"The Spotted hogs you sold my neighbor, Mr. Ed. Pittinger, are doing fine and he has quite a herd."

—C. A. Blum, Rt. 2, Rockwell, Iowa.

Out of the Letter Basket

Likes Golden Honey

"But now I want to tell you about the Golden Honey Watermelon that can't be beat with any kind on earth... I have tried about every kind in the United States and the Golden Honey is the best... One man made two trips in one day of 15 miles to get the Golden Honey and he said it was the best melon that God ever produced and another lady came to my patch from Defiance and said she had heard of where that melon was raised, for she had a taste of one and she didn't want any other, or would go back without any, but I had just one left. She was glad for it was the goods—and another little girl started in on a great big chunk and had to stop and said "mamma I can't eat this, it is just like eating sugar, it's too sweet," and just such reports came in all around me."

—S. B. Hightower, Rt. 7, Defiance, Ohio

Of course for the bulk of the trade there is no watermelon quite so good as the Kleckley Sweet, especially the Colorado strain, but for something different and for the people who want something special, the Golden Honey is the best thing you can plant. The experience of Mr. Hightower is just about the same as we have had with our own melons here at home. You will make no mistake if you plant about a fourth of your field to Golden Honey. The seed will cost you the same as our Improved Kleckley Sweet, 10c per packet, 20c an ounce or \$1.00 per pound postpaid.

Good Luck With Hogs

"We bought a sow from you last year and like her fine... She raised us 9 pigs, 6 sows and 3 boars... What is your price on a sow that has plenty of length and bone, about 50-50 color, and bred to you prize winning boar you bought at the Iowa State Fair... I would like a fall gilt or a tried sow."

—J. G. Pageler, Melbeta, Nebr.

When a man once gets started in pure bred hogs, by buying one sow as this man did, he is sure to keep on and increase his herd. It has been our experience that practically every man who buys a brood sow from us, eventually buys several more and there is no reason why they should not, for they are certainly a good investment and there is no place they can get them to better advantage than from us.

Cabbage Stem Rot

"I am going to trouble you by asking a few questions... I want to subscribe to some paper or magazine devoted mostly to gardening... Will you tell me of a good one?"

"So many of the farm papers deal with live stock problems and field crops, which do not interest me."

"I want to tell you also how well pleased I was with the seeds I received from you last year... The Self Blanching Celery and Redhead Tomatoes were especially good, but I had poor luck with the Norseman Cabbage seed. I started them early in a hot bed and when they were ready for setting out I found them wilting down and dying. What was it? How can I overcome it? Was the fault in the seed or the soil. Our garden has been gardened for a long time."

—Mrs. Ellis Winn, Onaway, Mich.

The trouble with Mrs. Winn's cabbage plants was the disease known as "Damping Off". It does not come in the seed but is a fungus or bacterial disease that lives in the soil. It is worse in soil that is heavy and rather sour and is least likely to trouble in soil that is rich, loose and warm. It is generally much worse in hot beds than in the open ground.

The only remedy for it is to use clean fresh soil that has never grown cabbage or cabbage plants. Some claim that even soil that is infected can be cleaned up by sprinkling it with a solution of formaldehyde.

Other Seeds—No Garden

"Dear Sir:—Will drop you a few lines as I want to get a seed catalog for this new year and to know what prices are on seeds. I didn't send to you for seeds last year and didn't have any good garden. We have three lots to put in garden so I want to raise a good garden this year. I think poor seeds are not worth planting and to work hard and get nothing."

—Mrs. J. B. Edwards, St. Paul, Nebraska

I am sorry for Mrs. Edwards, but it serves her right. She ought to have known better than to send some place else instead of to us for seeds. She knows better now and won't get caught that way again.

An investigation of one of the big farm papers showed that a little over half the people who send away for seed in Iowa, Nebraska, Kansas, and Missouri, send to us. Their report showed that we had more mail order customers than all other seed houses in that territory put together. The nearest man to us had less than one-fifth as many as we had.

A Garden Magazine

"Will you please write me the name of the best garden magazine. I haven't been able to find one that devotes its space to home gardening. I took the Market Gardeners Journal from Louisville, Ky., but it deals with hot houses, and meetings of the market gardeners, speeches they made—but very little about how to cultivate onions and beans and caneloupes in the home garden, and how to fertilize them, and how to deal with them generally. I suppose there is such a magazine in the world, and I would like to know if you know of such a one and will write me its name and address. Very truly yours,"

—John Montgomery Jr., Sedalia, Mo.

I am very much afraid there is no real garden magazine such as Mr. Montgomery wants. There are two or three different magazines published for professional gardeners and greenhouse men, but nothing for the home gardener.

There are departments on gardening in a number of different farm papers and women's magazines and such as that, but there is no paper or magazine, so far as I know, that gives its entire space to garden and small fruit, from the standpoint of the home gardener.

I wish there was, for there is certainly a big demand for something of the kind.

I guess you will have to read Seed Sense. I believe it gives you more garden information and garden news than you will get from any other magazine that has come out so far. We will send you Seed Sense free if your order amounts to as much as \$2.00. Or, if you do not order, you can get it by paying 25c per year. We would rather have your order, however, than the 25c.

Sweet Peas

"Last year I ordered some sweet pea seed of the Grandiflora collection and I had wonderful success. Off forty ft. I picked every other day three hundred and over, and I disposed of some thru a green house near by. Also during my experience I have made plans to plant 640 ft. this following year which according to my figures means exactly one pound of seeds."

—Mrs. Wm. Dennis, Minneapolis, Minn.

The Sweet Pea collection like Mrs. Dennis had will cost you only 30c postpaid, and she must have picked about 10,000 blooms off of hers. I don't know how much she got for them at the greenhouse, but my guess is she probably sold at least \$30.00 worth from that 30c collection of seed. It is worth trying. Sweet Peas should be planted very early and do best in fairly

The Spotted Association

"Dear Sir: The sow you sent us found eight fine pigs for us the 22nd of March, and saved them all. They are extremely beauties. I wish to have them registered. How soon should it be done, and how shall I go about it? I will send the \$5.00 to join the Association, as I remember you telling in Seed Sense that was the best way. Big Buckeye, the pig you sent us, is a large hog now, and a dandy, we think. Yours truly,"

—Mrs. E. Patterson, Gallaway, Nebr.

Yes, the next thing you should do after buying a Spotted Poland China sow and raising a nice litter of pigs, is to join the Spotted Poland China Association.

The address is Spotted Poland China Record Association, Indianapolis, Ind. A membership costs \$5.00 and entitles you to record your hogs at half price.

The \$5.00 for membership can be sent direct to the Association or you can send it to me if you prefer and I will see that it is sent in in proper shape. There are no dues or extra charges afterwards, as the \$5.00 pays the entire bill, except of course you pay \$1.00 for each pig you get recorded.

You do not need to record all your pigs if you don't want to. You can record the best ones and let the others go as common pork if you wish.

The blanks for making out the pedigrees you get from the office of the Association at Indianapolis, and they will cost you 1c each or 50c for a book of 50 blanks. They are easy to fill out and when you see them you will have no trouble figuring them out. If you get stuck and don't know how to fill them out, write to me and I will help you.

The pigs can be recorded at any time, young or old, but the usual custom is to record them when they are from three months to six months old, as by that time you can tell which ones you want to save and have recorded and which ones you want to throw in the feed lot.

Iron Age 306 is Fine

"Dear Friend: I want to tell you of my success with one acre of garden this year. I bought all of my seeds of you and that famous Iron Age Wheel Hoe and Drill, No. 306."

"No one can realize what a wonderful little machine it is without trying it out. I wouldn't ever try to make garden again without No. 306. I drilled 60 square rods to onion seed in one day and hoed the acre over in two days."

"There is one thing more I want to speak about and that is those Mississippi Girl tomatoes. They are the only tomatoes that I ever had that set on tomatoes right from the start. From 63 plants I canned 70 quarts and sold \$10.35 ripe tomatoes and \$4.50 worth of green ones at \$1.50 a bu. I sold \$4.20 worth green beans, \$2.25 peas, \$3.15 beets, \$3.50 cucumbers for pickles, \$4.30 Field Daisy muskmelons, and from the onion seed and one peck of sets I sold \$88.87 and still have 6½ bushels."

"I'll send you another order for seeds this coming spring. Yours truly,"

—J. E. Roberts, Beaver, Okla.

Mr. Roberts is absolutely right. The Combined Garden Drill and Wheelhoe is almost a necessity, no matter how small your garden may be, and if you have a garden as big as one acre I don't see how you can get along without a wheelhoe and drill of some kind.

They are all good and the No. 306 he mentions is one of the best, but the Standare tool of the same type is just as good.

And notice what he sold out of his garden. Figure it up and see what a nice lot of money it made him besides the endless amount of supplies they had for their own use, such as the 70 quarts of tomatoes. There is no reason why everyone should not have such a garden as that for themselves.

Out of the Letter Basket

A Satisfied Customer

"I am writing a little letter. First, I will tell you about our seeds. One neighbor said something good about your muskmelons. He raised so many he could not eat them all. He also said all the rest of the seeds were fine. This year he did not ask a question except if they were the same price as last year. He knew your seeds were good. I would like it if you would send me a sample package of watermelon and moonflower seed. Pleased to tell you that the Cabbage we got from you last year were nice hard heads and easy to keep. Yours sincerely,"

—Clarence Isaacson, Middle River, Minn.

Strawberries by the Dishpanful

"We ordered 200 Strawberry plants of you two years ago and every plant lived, and last summer we picked Strawberries by the dishpanful. Had all we wanted to use and preserved 15 quarts.

"I am sending a trial order for seeds and bulbs of \$3.15, and hope I will be as well pleased with it as the berries. Am also taking a chance at your picture puzzle. I may want some grapes and a few fruit trees another year. Yours truly,"

Mrs. Minnie Trockmorton, Red Cloud, Nebr.

Fell for the Wheel Hoe

"Dear Sir: Just received your catalog and read it aloud to my boys—two of them six-footers—I do this to get them interested in the things that interest me. They would not read a seed catalog, nor even look at the pictures. They love gas engines and cog wheels and the more grease and oil they can get on their hands and clothes the better it suits them. I tell them if they found a puddle of machine oil and grease spilled on the ground, they would lie down in it and roll over in it like a dog on a dead carcass.

"But they fell for the wheel hoe I bought from you on the installment plan. They gave me the money each month to pay my installments and they wanted to run it. I had only to get out the wheel hoe and every boy was wanting to run it for me. I have four huskies ranging in age from twenty down to seven years of age.

"I can't say how I like the wheel hoe as I didn't run it enough to find out, but the youngsters seem to be interested in the garden as never before. I believe they would like it better if it could be run with gasoline and steering wheel, storage batteries, and so forth. This gasoline business keeps us poor.

"But what I started to write you is, I got the boys interested in Hubam. I wanted to send out an order for seed on the next mail but they said for me to write you for the directions for sowing and raising it, then if we could come up to the requirements we would send for an order. So please send them as I'd love to try Hubam. Our soil is ideal, and the only trouble here is the drouth and hail. Yours truly,"

Myra Newbanks, Yuma, Colo, Wages Rt.

Plenty of Cabbage

"We want to put out at least a half acre of cabbage for early market and would appreciate any information you can give me as to the best kind to set out; also how to fight or keep off worms, etc. We set out a small patch of your hardy Norseman last year with remarkable success. Off a patch 20x66 feet we sold upwards of \$25.00 worth besides having cabbage for our own use and after cutting the heads off we had numbers of menses of what I called 'Brussels Sprouts' besides several good sized heads of second growth. Alo made a half barrel of kraut."

—W. C. Eichenberger, Melba, Idaho.

Garden Seeds are Fine

"I have bought my garden seed from you for the past two years and they have been just fine, so this year I believe I will buy all my seed from you."

—C. W. Nicholson, Denison, Ia., Rt. 2.

No Cause for Complaint

"I am sending an order for garden seed, and as there are but two in the family it does not require a large garden such as your family would need, but I find that it pays to get Field's seeds, even for a small garden. Have dealt with you a number of years and never had cause for complaint. The Golden Honey watermelon last year were pronounced by those who ate them, the sweetest melons they ever tasted.

"I had the only melons in this immediate neighborhood, and asked neighbors in to eat melons every Sunday during the season, and then fed lots of them to the hogs.

"We also had tomatoes when no one else had for the drouth. Have canned ones to use now. We like the yellow ones best as they stand the drouth better we find. The alfalfa I got of you last spring did fine. I got the best of stand. In fact, all the seed I have ever bought from you have been strong growers. I have saved seed of some of the things. Tobacco Dust sure saved the melons from the bugs last spring. Best wishes to all the Field's."

—E. A. Landers, Claremore, Okla.

Why is it?

"There is nothing so gratifying as to feel that you are missed. I believe your endeavor is to build up a circle of customer friends, and of course you miss them when they go back on you, and it is all right to go after them and bring them back.

"I like your seeds all right, but sometimes have neglected sending for them, and have bought from stores. Have taken quite an interest in the family from reading your catalog. You have, indeed, an interesting family, but there is one thing that puzzles me. The children all show growth. Your wife grows more matronly looking, while you, yourself, do not seem to change. Your last picture looks just like the first one in the earlier years of your industry. Why is it? Do they all work and let you play? Or, do you keep young by studying interesting and novel methods of expression, and by keeping so busily interested in our profession, that you have no time to grow old?"

"Please forgive my past neglect and place me once more in good standing with the company."—Mrs. W. H. Burr, Hastings, Neb.

63c a Head for Cabbage

"We just received your latest 'Seed Sense' and are always glad to get it as it contains so much good advice. I saw where J. T. Calvert of Colorado sold his Norseman Cabbage at 42c a head. That is fine, but let me give you another seed boost. I sold one head that brought me 63c. I held the record of raising the best cabbage about our home town for the last two years. They were my first two years of farming. I never spent but two nights on a farm before in my life till I came out here to live.

"I had two rows across my garden 130 feet long of your 3 leading varieties of cabbage and sold \$31.00 worth of cabbage besides all we could use for ourselves, and we have from 7 to 10 at the table each meal. Most of our late cabbage was from the suckers of the same stalks. The best remedy I can give for worn out city ladies to help them back to health is to go to the farm and raise cabbage from Field's seeds. I have proved it to be the fact. I gained 35 lbs. the first year of farming. Yours for success,"—Mrs. John E. Davis, Cameron, Mo.

Rhubarb

"Dear Sir: I am sending in an order for garden seeds. I have been using Field's seeds three or four years and have always found them to be reliable. I got one dozen Rhubarb last spring, two year old, and had pie off of them in seven weeks. We had Rhubarb the rest of the summer. I am sending in an order for two dozen more, to be sent as soon as the weather permits to put them out. As ever yours,"

—H. C. Aldrich, Elvins, Mo.

A Young "Gardeness"

"Dear Mr. Field: I am a girl thirteen years old, and each spring I buy seeds of your company and have a nice big garden every year. Then I go out to my friends and ask them to buy. I have reasonable prices and have many customers.

"My parents furnish the ground and I make quite a little money. I sell a hotel keeper here and she buys it in big quantities, then I throw off some. I put my money on interest in the bank and have quite a little investment.

"I started in the garden business when I was 8 years old, and have had about five years of successful business. The first and second years I did not keep an account of my income but the third I made about \$5.00 and the fourth and fifth, about \$10.00 each. I am sure I shall have good success this year, however, I am only going to sell to the hotel keeper, and perhaps a few others.

"I sell radishes, lettuce and young onions in the spring, and big onions and carrots in the fall. This year I am going to sell asparagus. Sincerely yours,"

—Opal E. Young, Ankeny, Iowa, Box 206.

Cabbage Worms

"Mr. Field, I was looking through your catalog and saw where one of your friends wanted to know what to do for cabbage worms, and I saw you were not on to the best remedy. There is nothing I ever saw tried that will come anywhere near doing the work that 'Swat the Fly' will, and if there are cut worms in your garden when you set your plants, puff a little at the roots and if he is there he will come right out and die while you are looking on. Yours truly"

J. S. Tucker, Oskaloosa, Iowa.

Field Seeds Boosted

"Last spring we took a trip of about 1200 miles thru Colorado, Wyoming, Nebraska, Kansas and Oklahoma, and hardly made a stop that we didn't find some one boosting for Henry Field. Saw several of your Spotted hogs, also, and they sure were dandies. I never miss a chance to say a good word for Field's seeds as I have never heard them kicked on yet. I want to raise the best and biggest garden we ever raised, this year, and it will all be your seed."

—Mrs. Frank Kness, Vici, Okla.

\$300 Off of 2½ Acres

"Sirs: As I planted your seeds last year and got results far above which I expected considering the season we had, which was the worst in years as to drouth, having received over \$300 off of 2½ acres of melons. That was more money than I received off any of my land per acre for any one crop, (I own 840 acres—five farms in all).

"I note in your catalog you want me to give away my catalog to my friends—No, Sir, not me—but if you will send me a bunch of them I will do a little missionary work, and will be glad to do my neighbor and myself this favor free of charge.

"You will again receive an order from me this spring for seed. I admire your plain, common sense way of advertising, and also know you have the goods. Wishing you success,"—W. W. Calkin, Brainerd, Min.

YOU MAY WIN \$1,000

How Many Objects Can You Name in Picture on Other Side That Begin With "P"?

See how many objects you can name in this picture beginning with the letter "P", and mail your list right away. *The sooner you mail it the more you can win.* You can win over \$1,000.00! It is easy. Try it now. See how easy and fast the list grows. If you devote a little time to it you may win the \$1,000.00! Anyone can compete—mother, dad, sister, brother. Get the whole family around the table tonight and try it. It's lots of fun. Someone is going to win the big prize and it might as well be you. Your chance is good as the next. It doesn't cost a cent to enter. Get started today for the sooner your answer is mailed the more you can win.

Costs Nothing to Try

This contest is open to everyone, regardless of whether you send us money or not. There is no entry fee, no money to pay. You are not required to sell anything for us or buy anything from us. However, if your list of words is a good one you should see to it that you are qualified to win one of the large prizes.

Go After Big Prize

If you can find as many as 50 objects in this picture beginning with the letter "P" you sure ought to try for one of the big prizes. To qualify for the \$1,000 prize you send us your order for \$5 worth of seed chosen from the catalog, or if you don't want to order the seed right away send along the \$5 and we will send you a due bill good for that amount in trade for a year. To qualify for the \$200 prize send \$2 to \$5; for the \$100 prize send \$1 to \$2; for the \$25 prize you buy nothing.

Special Due Bill Offer

It is not compulsory that you order seed with your remittance and solution. You can, if you'd rather, send us money to qualify yourself in any class and receive in return a due bill good in trade for one year.

Any order of \$1 or over qualifies you for one of the large prize columns above. Any or-

der of \$5 or over makes you eligible to win the \$1,000 prize. If your order is \$2 or over and less than \$5 you may win the \$200. A \$2.37 order would put you in that class. An order between \$1 and \$1.99 qualifies you for the \$100.

What Would You Do With \$1,000.00?

Wouldn't it be grand to win \$1,000? Maybe have it come in the mail some day as a surprise! Just think of winning more than you could save from a year's hard work just for an evening or two of fun solving the puzzle. Someone is going to win. It may be you. Start now. Get busy while others are thinking about it. The sooner you start the better your answer will be and the sooner you mail it the more you can win.

Special Offer

For each week, prior to May 1, 1922, that your answer is mailed, we will add \$25 to any first prize you win. For instance, if the postmark shows your answer was mailed March 14, and your solution is nearest correct, and is qualified by a \$5 order, you win \$1,000 plus \$150, or \$1,150. If your winning answer is mailed four weeks before closing date, you win \$100 extra, if your answer is nearest correct. This is a special extra prize for quick work. So don't delay. A week's delay may cost you \$25.

100 BIG PRIZES				
You Get	If you Send No Money	If you Send \$1 to \$1.99 for Seed	If you Send \$2 to \$4.99 for Seed	If you Send \$5 or over for Seed
1st prize	\$25	\$100	\$200	\$1,000
2d prize	15	50	100	250
3rd prize	8	25	20	125
4th prize	5	10	15	75
5th prize	3	5	10	25
6th prize	2	5	10	15
7th prize	2	5	10	15
8th prize	2	5	10	15
9th prize	2	5	10	15
10th prize	2	5	10	15
11th to 100th	2	5	10	15

In case of tie duplicate prizes will be given.

SEE RULE THREE.

Observe These Rules

1. The answer containing the nearest correct list of words naming visible objects or articles in the picture beginning with the letter "P" will receive first prize, according to table above, providing all rules are complied with. The second nearest correct answer receives second prize, etc.

2. The answer containing the nearest correct list will receive an extra special prize (in addition to any other prize earned) of \$25 for each week the postmark shows it has been mailed ahead of closing date, regardless of amount of money sent.

3. In addition to the ten prizes listed above the 90 next best solutions will receive consolation prizes of the amount sent in with their qualifying orders, up to \$5. (If you think your solution will be one of the 100 best you sure ought to qualify it with a \$5 order. It will be a fine chance to get some seeds free, even if you don't win a big cash prize).

4. Anyone may submit an answer except residents of Shenandoah, our employes or members of their households.

5. All answers must bear your local postmark not later than May 1, 1922, the date this game closes.

6. Write your list on one side of paper only. Number each word. Place name and address on each sheet. Send order and correspondence on separate sheets.

7. Only single words, appearing in Webster's dictionary shall be used to name any object. Compound hyphenated words appearing in Webster's dictionary as such will count where neither unit comprising it is also used in the list. No plural word shall be used where singular is also used, nor vice-versa. No obsolete words shall be used. No word shall appear twice in your solution, either as a simple word or in a compound word.

8. Words of the same spelling can be used only once, even though used to designate different objects or articles. An object or article can be named only once. Duplicates of the same object do not count. Parts of objects may be named.

9. Only one prize will be awarded in the same household or where it is apparent two or more persons have co-operated together in their solutions. Work together if you wish but send but one list.

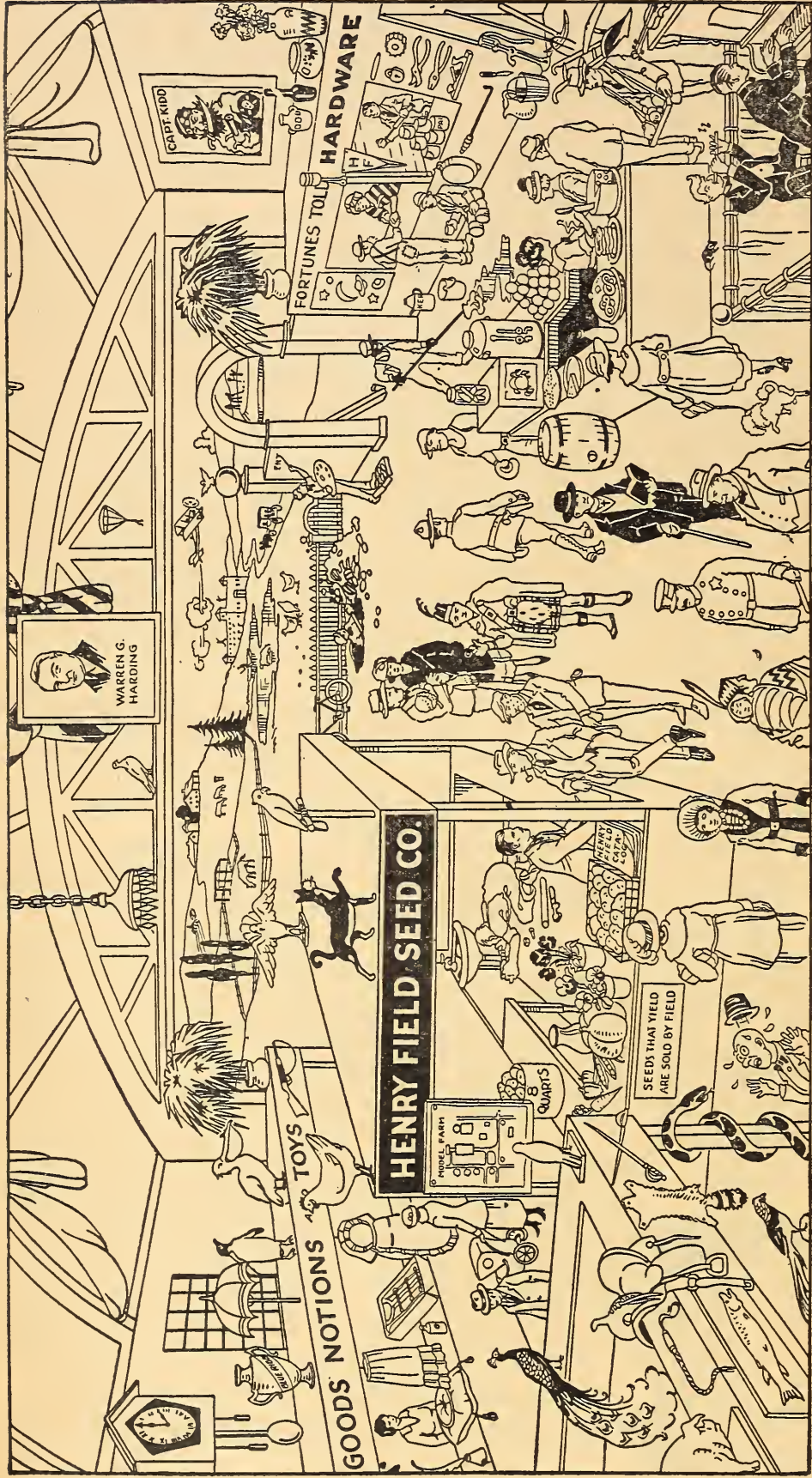
10. The judges will meet two weeks after close of contest to decide winners. All participants agree to accept as final and conclusive the decision of the three independent judges. Names of all winners will be published in "Seed Sense."

11. All answers will receive equal consideration whether accompanied by any remittance or not.

12. In case of tie duplicate prizes will be given.

HENRY FIELD SEED CO. Dept. S Shenandoah, Ia.

(OVER)



WIN \$1000

How Many Objects Can You Name in This
Picture That Begin With "P"?

Henry Field Seed Company, . . . Department S . . . Shenandoah, Iowa

(See Other SMe for Entries)



STIM--PLANT

An All-the-Year Fertilizer for Garden and House Plants

Stim-U-planT is the most effective concentrated fertilizer manufactured. It can be used easily and profitably on flowers, shrubs, vegetables, fruit and ornamental trees, and will promote more rapid growth and earlier maturity than any other grade of fertilizer. The guaranteed chemical analysis shows 11% nitrogen, 12% phosphoric acid, 15% potash.

Convenient to Use

Stim-U-planT comes to you in the form of small tablets, wrapped in waxed paper. A hundred can be put in a drinking-cup, yet they are so highly concentrated that each tablet contains enough food to feed a large plant from ten days to two weeks.

Absolutely Odorless

Stim-U-planT tablets are pleasant to handle; there is absolutely no odor nor other unpleasant feature about them. They may be used on house plants of all kinds—palms, ferns, bulbs, fuchsias, geraniums, and other indoor bloomers.

Stim-U-planT Tablets

can be used in tablet form, or dissolved in water at the rate of one tablet to the quart, or four to the gallon, which makes a liquid fertilizer of just the right strength. Order Stim-U-planT tablets with your seed and plant order. Price 10 tablets for 15 cts., 30 for 25 cts., 100 for 75 cts., 1,000 for \$3.50.

HENRY FIELD SEED CO.,

SHENANDOAH, IOWA

STIM--PLANT

PLANT STIMULANT TABLET

FARMOGERM

For Growing
BIGGER
Crops

USE FARMOGERM on your seed to furnish Nitrates to the plants. It increases their growth and enriches the soil.

WHAT IS FARMOGERM? It is a culture of high-bred nitrogen-fixing soil bacteria, sold in bottles ready for use and always fresh.

WHAT CROPS WILL BE INCREASED BY FARMOGERM?

All legume crops—peas, beans, alfalfa, clovers, peanuts, vetches—and those crops which follow a legume benefit greatly, including cover crops.

WHAT RESULTS WILL IT SECURE? When the seeds sprout the bacteria enter the roots and make large supplies of nitrates, which benefit greatly the growing crop and other crops which follow. Soils can be built up to a high standard of fertility by this method at small cost and little labor.

HOW IS IT USED? It is only necessary to fill the bottle three-quarters full of water, shake thoroughly to break up the jelly and apply the contents to the seed. Then stir the seed until all are moistened, permit them to dry; then plant in the ordinary way.

FARMOGERM PRICES REDUCED. New scientific methods of manufacture have given lower prices. You cannot now afford to do without Farmogerm.

A special composite culture is prepared for peas, beans, and sweet peas, $\frac{1}{4}$ -acre size only. You'll get more peas and beans, and larger sweet peas by using this. Ask for No. 5, price 50 cents.

Farmogerm prices are: 1-acre size, \$1; 3-acre size, \$2.50; 12-acre size, \$9. Full directions accompany each bottle.

FARMOGERM is the original standard seed inoculant, and has this great advantage—it is distributed in a bottle with Dr. Earp-Thomas' patented ventilating stopper which permits the free access of air without contamination, thereby insuring long life to the bacteria.

We carry Farmogerm for all legume crops.

HENRY FIELD SEED CO.,

SHENANDOAH, IOWA.

SEED INOCULATION

Combination Purse and Shopping Bag

*It is a Combination Change Purse,
Hand Bag and Shopping Bag*

When opened it measures 11½ in. by 17 in., and is strong enough to carry a weight of 50 lb.; when closed it measures 7½ x 9 inches, and looks like a \$10.00 hand bag.

This bag is made of black, high grade, heavy leatherette. It is almost impossible to distinguish from the best quality leather when carried. It has a greater utility for the woman who shops than any bag ever invented. One may start out on a shopping tour with a small hand bag, and when purchases are made, unfold bag and be able to carry all the purchases made. It also has coin purse attached, which eliminates the carrying of an extra coin purse. In fact, it is one of the handiest articles on the mar-



ket, and women are finding new uses for it every day.

We have a limited number of these bags, and while they last we are going to let them go at

\$1.50 Postpaid Anywhere

Send for one today, also tell your neighbor about it.



Henry Field Seed Company, Shenandoah, Iowa

(Over)

WANTED: 50,000 Boys and Girls in the Seed Business With Me

I already have 30,000 successful Junior Seedsmen and want 20,000 more. I will furnish the seeds for your start and give you a big share of the profits. If you care to work on a commission basis, deduct one-third of the amount collected for yourself, and send us two-thirds. I will trust you to do the dividing. Think of it! 10 big packages of garden seed for only 35c. The seed is all new crop, tested and vigorous—the kind you always get from us. A complete premium list showing the many nice premiums we give our agents for selling seed, will be sent with the seeds. You have two whole months to sell seed in, so fill out the application blank, and send it in today, before some live Junior Seedsman has supplied your neighborhood.

Henry Field.

Henry Field Seed Co.
Shenandoah, Iowa

Fill out this application. Send it to us.
Send no money with this.

Date

Please send me at once by parcel post the 10 collections of seed. I will do my best to sell them at 35c each, and if I do not sell them, will return them to you in good order. When they are sold, I will divide the money, keeping for my share one-third in money, or one of the premiums, and will turn the other two-thirds over to you.

Name Age P. O.

Street, R. F. D., or Box No. State Have you ever sold our seeds?

(Have your father, mother or guardian fill out this part)

To Parent or Guardian: Please write your name here so I will know that the boys and girls are consulting with you as they should, and that you understand the deal between me and the boy and girl.

Name

(Over)

Wholesale Net Prices March 1, 1922

GOOD TO MARCH 15, 1922
(SUBJECT TO BEING UNSOLD)

Address all orders to **Henry Field Seed Co., Shenandoah, Iowa**

We Want Early Orders—So we have made these prices very low. We have the seed in the house, bought right, and up to March 15, if possible, we will sell at these prices. When it is gone and we have to buy more at higher prices, you will have to pay more. Better buy now while the buying is good. Write for special quotations after March 15, or send order and I will fill at lowest price.

These prices are the ones ruling at this time, March 1, and we hope to be able to continue them without change up to March 15, but we will not promise positively to do so, as there are indications of sharp advances in many lines. It will be all right to order at these prices with understanding that there may be changes either way. Early orders are practically certain of getting filled at these prices.

These prices are f. o. b. Shenandoah, customer to pay the freight. If you want delivered prices we will make a special estimate for you on request.

No extra charge for sacks, except for wheat and rye. All other seeds sold "sacks weighed in." Remember this when comparing prices.

Prices are strictly net, spot cash; no discount.

Safe arrival guaranteed. We guarantee that all seeds will reach you in good order.

Sold on approval. These seeds are priced and sold with the understanding that if not found strictly satisfactory they may be returned at our expense and your money will be refunded. You can be the judge of quality.

Reference. First National Bank, of Shenandoah, Iowa.

Free Samples. We will gladly send free samples of any kind of seed quoted here.

Subject to Sale. All prices are subject to stock being unsold on receipt of order.

YOUR MONEY'S WORTH OR YOUR MONEY BACK

It is mutually agreed and understood that any seeds or other goods ordered of us may be returned at any time within ten days after receipt if not satisfactory, and money paid for them will be refunded, but we do not, and cannot, in any way, warrant the crop, as it is dependent on so many conditions beyond our control.

	Per 100 lbs.	Equals
Clover Seed (60 lbs. per bu.)		
Medium or Common Red	\$26.00	\$15.60
Mammoth Red		Sold Out
Alsike	23.33	14.00
White Dutch	48.00	28.80
Sweet Clover (All hulled and scarified)		
White Biennial	13.33	8.00
Yellow Biennial	13.33	8.00
HUBAM (Annual White) \$2.00 per lb., 2½ lbs. for \$5.00.		
Ask for special prices on large lots.		
Alfalfa (Dry land northern grown, hardy)		
Poor but Honest	12.00	7.20
Mixed Hardy, second grade	14.00	8.40
Kansas-Nebraska, first grade	22.00	13.20
Montana Grown, Common	25.00	15.00
Dakota Grown, Common	25.00	15.00
Dakota No. 12, extra hardy	28.00	16.80
Grimm	50.00	30.00
Cossack, Super hardy, 90c per pound.		
Timothy and Timothy Mixtures (45 lbs. per bu.)		
Timothy, best home grown	9.00	4.05
Timothy-Alsike Mixture	12.00	5.40
Timothy-Red Clover Mixture	13.00	5.85
Blue Grass		
Kentucky Blue Grass	56.00	7.84
Canadian Blue Grass	44.00	6.16
English Blue Grass	25.00	
Other Grasses		
Italian Rye Grass	15.00	2.10
Perennial Rye Grass	15.00	2.10
Bromus Inermis	15.00	2.10
Red Top, fancy sloid seed	28.00	3.92
Red Top, unhulled or rough seed	18.00	2.52
Orchard Grass	25.00	3.50
Bermuda Grass	50.00	
Lawn Grass Mixture	40.00	

	Per 100 lbs.	Equals
Other Grasses Con't.		
Permanent Pasture Mixture	16.00	
Permanent Meadow Mixture	16.00	
Lowland Pasture Mixture	16.00	
SUDAN	7.50	
DWARF ESSEX RAPE	12.00	
SUNFLOWER SEED	10.00	2.40
HOG PASTURE MIXTURE	10.00	5.00
KAFFIR CORN AND MILO MAIZE	3.50	1.96
FETERITA	5.00	2.80
FODDER CANE	3.00	1.50
SYRUP CANE (several varieties)	15.00	7.50
Stock Peas and Beans (60 lbs. per bu.)		
Cow Peas, Whippoorwill		4.20
Cow Peas, New Era		4.20
Cow Peas, Mixed		3.90
Soy Beans, Ito San, extra early		3.60
Soy Beans, Medium Early Yellow		3.60
Soy Beans, A. K. (improved medium yellow)		3.60
Soy Beans, Manchou, fine main crop		3.60
Soy Beans, Mongol, for ensilage		3.60
Soy Beans, Sable, med. early black		3.60
Soy Beans, Columbian, prolific		5.00
Canadian Field Peas	7.50	4.50
Millet (50 lbs. per bu.)		
Golden	4.50	2.25
Common or Fodder	4.00	2.00
Small Grain		
Spring Wheat, Marquis, northern grown		2.50
Buckwheat	4.60	2.21
Oats, Iowa No. 103, White Kherson		65c bu.
Barley, bearded, \$1.25 per bu., lots under 5 bu.; \$1.10 on lots 5 to 50 bu.; \$1.00 on lots 50 bu. or over.		
Broadcast Seeders		
Cyclone, each		\$2.00
Little Wonder, each		1.50

DON'T NEGLECT TO INOCULATE AT PLANTING TIME

Your Clover—Alfalfa—Sweet Clover—Soy Beans—and Cow Pea Seed

We have fresh bacteria always on hand for all of the legumes, specially made up for each of the leading crops, such as ALFALFA, SWEET CLOVER, ALSIKE, RED CLOVER, SOY BEANS, COW PEAS, GARDEN PEAS and BEANS. Specify what seed you want to inoculate. Inoculation is *Cheap Crop Insurance*. One acre size of Framogerm or Standard will treat 20 pounds of small seed, like Clover, or 90 pounds of big seed, like peas. The Nitragin comes in half bushel and bushel sizes, and it will be easy to compute how much of it you will need, as a bushel size will treat 60 pounds. *All Legumes Need Inoculation. We have the proper kind for you.*

Nitragin (Bu. sizes instead of acre sizes)	Farmogerm	Standard
1 bu. size can.....\$1.00	1 acre size.....\$1.00	1 acre size.....\$.75
½ bu. size can......55	3 acre size.....2.50	2 acre size.....1.45
1 to 5 lbs. Hubam Special......35	12 acre size.....9.00	4 acre size.....2.25
Garden size, Peas, beans only... .15	Garden size, combination......50	6 acre size.....3.00
		Garden size, Peas, beans only... .45