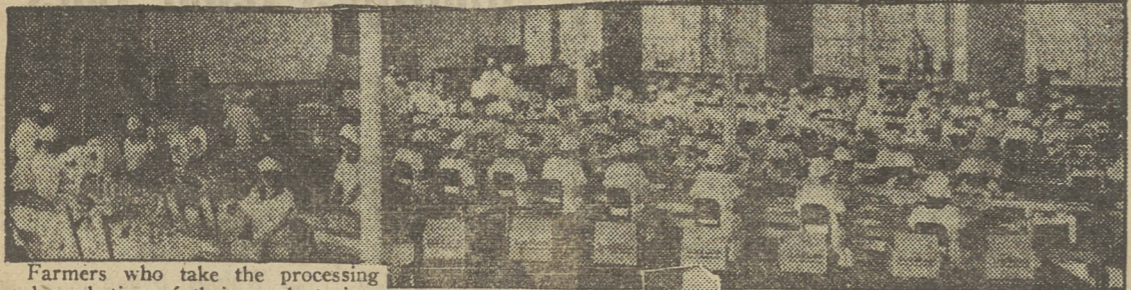
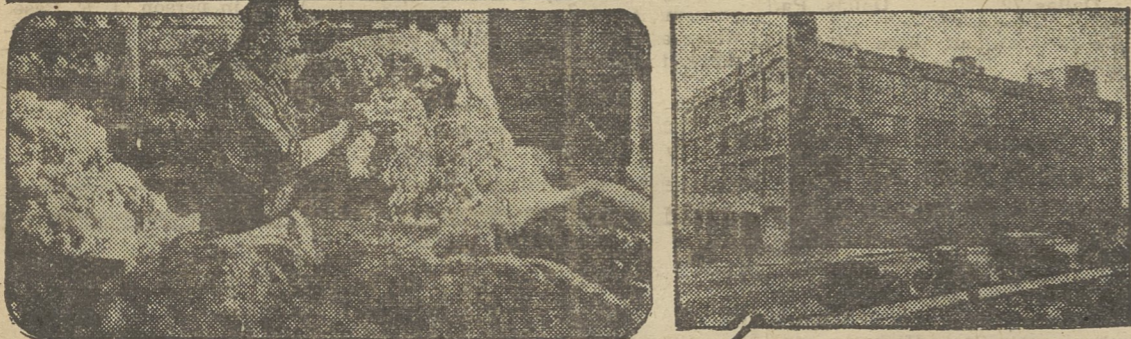
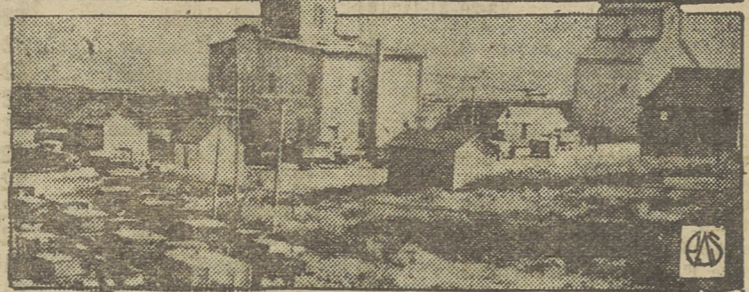


Agricultural And Poultry News Of Farm Interest

Some of the Activities of Farmer-Owned Cooperatives



Farmers who take the processing and marketing of their products into their own hands have built big enterprises. Sorting wool in a cooperative warehouse in Portland which markets wool for growers of 12 states. (Below) Hauling wheat to a cooperative elevator at Hoxie, Kans. (Above) (Right) The big building is the Seattle branch of the Washington Cooperative Egg and Poultry Association. Land o' Lakes Creameries, Minneapolis, owned by farmers, markets butter for 100,000 farmers in several states.



HOME GARDEN IS FARMER'S INSURANCE

Recently W. R. Beattie, Senior Horticulturist of the Bureau of Plant Industry, United States Department of Agriculture, in a nationally broadcast radio talk on the farm garden, stated that in every economic crisis through which the agriculture of any section of the country has passed the home garden and other sources of home food supply have saved the day.

When the boll weevil struck the cotton growing sections, Mr. Beattie pointed out, one of the first steps taken was to start a campaign for vegetable gardens, poultry, pigs and cows on every farm so that the land would at least provide a means of livelihood. Things haven't changed much and the same principles apply today. The farmer, however hard times may be for him, who plants and cultivates his own garden has a form of insurance against privation that is denied the city worker. In this respect he is far better off than the thousands of unemployed in the city, many of whom

left the farm at the time of industrial prosperity and are now looking wistfully back at the land.

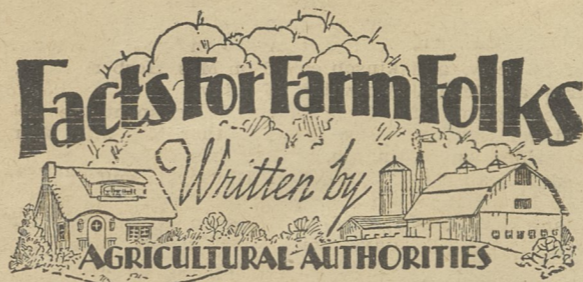
"If everybody engaged in farming," Mr. Beattie said in his address, "will produce plenty of fruits, vegetables, milk and butter, poultry and eggs, home grown and cured pork, also fresh meats to some extent, they can at least have a good living at home and that is more than a lot of people who are out of employment have today. 'But,' says the pessimist, 'that will only increase the difficulty and reduce the market for foods that are grown in a large way for sale.' Perhaps, provided the farmer has the money with which to buy the food, but suppose he does not have the money, what then? As a matter of fact, it is good business and economy to produce most of the living for the farm family and the hired help right on the farm."

In all parts of the country there are foresighted agricultural leaders who are in agreement with Mr. Beattie in

preaching the advantages of making the farm as much as possible a self-sufficing unit, not only in these times of agricultural and general economic depression, but as a permanent agricultural policy. In South Carolina, Virginia, Arkansas and other states, statewide campaigns to bring about the planting of farm gardens are being actively pushed. In these campaigns the agricultural colleges and the states' home demonstration agents are taking a leading part.

A well planted and cared for half-acre garden will produce more vegetables than the average family can eat, during the period when the crops are maturing. Carrots, late cabbage, beets, onions, parsnips, potatoes and turnips can be grown and stored for use during the winter, thus lulling the winter food bills. One acre of garden was worth as much as 65 acres of cotton on a farm in Texas last year whose owner figured that the acre yielded a profit of \$400.

It is not only from the point of view of cutting the family food bills, however, that the vegetable garden deserves a place on every farm. So much has been said and written about vitamins during the last few years that practically everyone knows they are essential to good health. Fresh, green vegetables are among the best sources of these invaluable vitamins, but en-



'CRUELTY TO BABY CHICKS'
By
Prof. Paul G. Riley

The baby chick season is here. More chicks are going out every day. A great many folks will wonder this year why they lose so many chicks, why those they have don't grow well and look weak. They wonder why it takes so much longer than it should to get the cocherels to a weight of two to two and a half pounds, when they can be most profitable put on the market as broilers.

Providing that the ration has a good formula and is made of good ingredients the big reason for slow growth, lack of uniformity and considerable loss, is the fact that few people use enough hopper space.

If there are five people in our family and the table is only large enough to accommodate two, somebody either has to wait a good while or go hungry. The same thing applies to baby chicks. Not one brooder house in fifty has enough hopper space to give the chicks the right kind of a start and to give them a chance to grow satisfactorily. Seven feet of hopper space is needed for each hundred chicks. Less than this will cause slow growth and increased mortality.

Check up on hopper space. Be sure you have enough and then watch the chicks grow. But, above all, don't be guilty of cruelty to animals, because that is what lack of hopper space really is so far as baby chicks are concerned.

Tirely too frequently the farmer, busy with his money crops, feels that he has no time to bother with a garden even though his wife and the older children may easily be able to take care of it once it is ploughed.

The result is that in many instances the farm diet is too much restricted to meat, potatoes and bread. Green vegetables, one of nature's best preventive medicines, have little place on the menu. The various deficiency diseases have a chance to creep in, breaking down health and stamina. Investigators have found that a large proportion of ill health in rural districts is traceable to the absence of a well balanced diet. No diet can be called well balanced that lacks an abundance of fresh, green vegetables.

A vegetable garden planted this spring will return ample dividends in health and in helping to make the farm family self-sufficing, able to weather any economic storm.



Farm Population Shows Increase

For the first time in ten years, an increase in farm population is announced by the Federal bureau of agricultural economics, according to reports received here.

When the estimates are compared, the results reveal 208,000 more people were living on farms in the United States on January 1, this year than on the corresponding date year ago.

The estimates, by geographic divisions, show that, with one exception, the Middle Atlantic division (in which Pennsylvania is located) has the highest percentage increase in farm population. In the West Pacific divisions, more people are apparently still leaving the farm than are coming back to the country.

In 1930, it is estimated that 95,000 people left farms and 111,000 returned to farm in the Middle Atlantic States.

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- | | | |
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| <p>ONE NO. 10 WIARD
Wood Beam—one-horse Walking Plow, with sod cutter, 6 to 10-inch furrow.
Old Price, \$18.00, Stock Reducing Price, \$14.88</p> | <p>ONE NO. 43 WIARD
Steel Beam Walking Plow, 9 to 13-inch furrow.
Old Price, \$28.20, Stock Reducing Price, \$22.75.</p> | <p>ONE MOLINE 30-TOOTH SELF-DUMP SULKY HAY RAKE
Old Price, \$57.65, Stock Reducing Price, \$34.20.</p> |
| <p>ONE NO. 12 MOLINE
Iron Beam Walking Plow.
Old Price \$23.00 Stock Reducing Price, \$15.86</p> | <p>THREE WHEEL AND SHOE SPRING TOOTH HARROW SECTIONS
Just the Harrow for one horse.
Old Price, \$9.00, Stock Reducing Price, \$4.50.</p> | <p>ONE TWO GANG 10-DISK HARROW
Light Weight 2-Horse Orchard Outfit.</p> |
| <p>ONE OLIVER E-14 INCH
Wood Beam Plow, particularly adapted to sandy or gravelly soil.
Old Price, \$34.25, Stock Reducing Price, \$29.00.</p> | <p>ONE EUREKA NO. 26 POTATO PLANTER WITH FERTILIZER ATTACHMENT
A real bargain.
Old Price, \$146.00, Sale Reducing Price, \$114.50.</p> | <p>ONE OLIVER SUPERIOR NO. 26 GRAIN DRILL
9-hoe with fertilizer attachment and grass seeder.
Old Price, \$148.50, Stock Reducing Price, \$108.50.</p> |
| <p>ONE ROLLER PULVERIZER AND MULCHER
The most profitable implement on the farm, will pay for itself in increased production.
Old Price, \$99.35, Stock Reducing Price, \$72.85.</p> | <p>ONE JOHN DEERE VAN BRUNT GRAIN DRILL
9-hoe with fertilizer attachment.
Old Price, \$135.00, Stock Reducing Price, \$92.80.</p> | <p>ONE OHIO LIME AND FERTILIZER SOWER
8-foot swath, 15 bushel capacity with agitator.
Old Price, \$53.00, Stock Reducing Price, \$44.00.</p> |
| <p>ONE NO. 26 BLACKHAWK MANURE SPREADER
One of the outstanding spreaders on the market.
Old Price, \$180, Stock Reducing Price, \$133.15.</p> | <p>16 Single Plow Handles, 35c
6 Pair John Deere Plow Handles, 4 Pair Oliver Handles, \$2.10 each.</p> | <p>30-FOOT NATIONAL BARN DOOR TRACK
8 cents per foot.</p> |
| <p>GOFT MEYERS HAY TRACK
19 1/2c per foot.</p> | <p>SPECIAL PRICES ON ALL JOHN DEERE MACHINERY IN STOCK</p> | <p>PLOWS HARROWS CULTIVATORS</p> |

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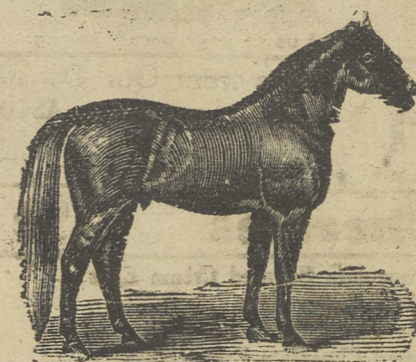
We have several hundred rolls, slightly damaged, to sell at the following prices:

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