

# AGRICULTURE AND LIVESTOCK NEWS

## Up-to-date Information to Help Develop Progressive Farming

### BETTER COWS HELP PROFITS

#### High-Producing Dairy Animals Make Best Market for Different Home-Grown Feeds.

Hundreds of millions of dollars' worth of feed is consumed annually by our dairy cows. The net income is large or small, according to the way that feed is used. When production is increased through feeding and breeding the income rapidly expands, yet a few real scrubs on any dairy farm will deflate the net income.

Farmers of the United States furnished feed and care for 23,000,000 dairy cows. Because of low producing cows a large part of that feed is wasted. Weighing out expensive feeds to a low-producing cow is like shoveling costly coal into the fire box of a leaky boiler and the farmer who keeps such cows seldom has to pay any income tax.

Like a factory, the dairy cow transmits milk. In this way she furnishes a market for the feeds. Whether that market will be good or bad depends in part upon the way the cow is fed, and in part upon the cow itself. There is no better way to market the feeds grown on the farm than to feed them to a herd of high-producing cows. The cow takes corn and silage, grain and hay and converts them into a product for which there is always a ready sale.

It is much easier to send the milk or cream to the creamery than to haul the hay to town. In the long run, it is generally much more profitable, because it keeps the soil fertility at home.

In selling feeds to dairy cows the farmer has a wide choice of markets—bad, good and very good. Few men discriminate closely enough between these markets. If a wheat buyer offers 1 or 2 cents a bushel more than other buyers he gets the wheat; if a wood buyer offers a half cent a pound he gets the wood. But if one cow returns \$3 from a dollar's worth of feed and another \$2, it is scarcely noticed. There is a difference of a dollar in the income every time each of these two cows eats a dollar's worth of feed.

According to estimates of the United States department of agriculture, the average dairy cow in the United States produces annually about 4000 pounds of milk and 160 pounds of butter fat. According to 40,000 yearly individual cow records recently tabulated by the department, the average cow produces 5980 pounds of milk and 246 pounds of butter fat a year. The world's records are 37,331.4 pounds of milk and 1,205.09 pounds of butter fat in a year. There is plenty of room for improvement, it would seem in the average production.

### Worms in Swine.

Due largely to the manner in which swine feed and unsanitary surroundings in which they are often kept they are very susceptible to internal parasites or worms. While swine that are infested with worms in large numbers do suffer from them, yet the fact that nearly all swine are infested with a small number of the common round worm, would indicate that they are not noticeable harmful in small numbers. The presence of worms in swine have made it possible for commercial concerns, who are manufacturing a worm expeller to attribute many other conditions to the injury of worm infestation. This fact has been greatly overworked in the great swine producing states with little or no benefit to the producer. The best methods of handling these conditions are to be found in prevention through good sanitary conditions of the feed lots and sleeping quarters; the eradication of the worms after the animal is infested offers a more or less difficult problem.

### Which Breed is Best?

(By T. M. Sharp.)  
Many people when selecting a breed or variety of poultry either as a sideline or as a business have quite a battle in making their decision as to which would be the best breed for their particular needs.

We cannot wonder at this when we realize that there are 15 classes—60 breeds and about 150 varieties of standard bred fowls and also a number of non-standard breeds and varieties, some of which will likely be admitted to the standard in the near future.

Each one of the 60 breeds is better than the other 59, according to the information that we get when talking to an enthusiastic breeder of the different breeds and varieties and they all have their points of merit, some have the ability to shell out eggs in large numbers while others produce a good number of eggs and meat, some excel for meat in the way of fries, broilers and for capons, yet others are kept solely for ornamental purposes.

All the different breeds and varieties are bred for exhibition purposes. There is no one best breed of poultry that is best for all purposes.

After we have made our decision as to breed, which should be done with care, we should stay with that breed until we are sure that there has been a mistake made in the selection as there is seldom anything made by the changing of breeds every year or two.

### How To Grow Vegetables and Young Plants.

(By Prof. Bouquet O. A. C.)  
There are two classes of vegetables the plants of which have to be started under glass in the spring. The first class consists of tomatoes, peppers, eggplants and early celery, which it is necessary to start during the earlier days of spring so that these vegetables will mature or be

ready for market at the proper time. In the case of this first class the plant growing work is a necessity for the crops could not be properly sown from seed grown directly in the garden.

The second class includes vegetables the plants of which are started early primarily to get an early start and not because it would not be possible to get a crop from seed sown later in the field. This second group includes therefore lettuce, cabbage, onions and cauliflower.

In each case the gardener must observe the following points:

1. The seed of each vegetable must be sown at its own proper season, for instance it may be too early to seed tomatoes, but not any too early for onions, cabbage and lettuce.

2. All plants should be transplanted or "pricked out" when at the right age, otherwise they are not so easy to handle and more liable to be disturbed.

3. Hardening of all plants before final setting is essential. A non-concentrated into the finished products raw materials—silage, hay and hardened plant will often entirely collapse under outside conditions while a properly hardened plant will withstand these and make a good growth.

4. Plants should be set out in the garden at the best season of the spring—April for the hardy vegetables and May and June for the tender plants.

5. All of the young plants should be closely watched for insect attacks after being set out otherwise the care expended on the other four points will be of little avail.

### Farm Reminders.

Pomeranian white globe turnips stayed palatable longer than the cow-horn turnips in tests at the Astoria branch station. They also yielded four tons more roots to the acre.—O. A. C. Experiment station.  
Flax to be a success for fiber or seed must be planted early in April. The seed should always be given the formaldehyde treatment. Shallow, even planting is essential.—O. A. C. Experiment station.

### Get Prolific Queen Bees

Beekeepers should see to it that every hive is headed by a young, prolific Italian queen. The hives should be left packed as late in the spring as possible to avoid chilling the brood on cold nights.—O. A. C. Experiment station.

### Buckwheat Good Crop.

Buckwheat makes a good honey crop and gives good yields of seed in Oregon. Buckwheat grain is good for stock and poultry when used with other feed. The Japanese variety is a good yielder but silver hull is a little plumper. Sow at the rate of 45 pounds per acre after the danger of frost is over.

### Lime-Sulfur Gets Twig Miner.

It is the exceptional orchard of prunes, peaches or apricots in which the twig miner is not sufficiently injurious to warrant the application of lime-sulfur 1 to 3 in February or March for its control. The symmetry of young trees is often seriously affected by this twig miner aside from injury to twigs and fruit of bearing trees. Where dormant application is carefully made, 95 to 98 per cent efficiency may be expected. Summer applications are practically worthless.—O. A. C. Experiment station.

### Pumpkin Pie.

Two cups of pumpkin very dry; one cup of rich milk or cream; half teaspoonful of salt; one tablespoonful of butter, melted; one teaspoonful of cinnamon; one teaspoonful of ginger; two eggs, well beaten. Bake until a light brown. Good for one pie only, and the grouch.

### Oyster Soup.

One pint oysters; one quart table cream; one-half cup finely chopped celery; two tablespoonfuls cracker

dust.  
Heat cream in a double boiler, stir in cracker dust, chopped celery, salt and pepper. When hot add the oysters, drained of their liquor and as soon as their edges begin to curl the soup is ready to serve. This is a Kentucky recipe and is very delicious.

### Stewed Pears.

Eight large pears; five ounces of sugar, six cloves; six whole all-spice; one-half pint water, one fourth pint vinegar.  
Halve the pears, leaving on stems, but removing the cores. Put in granite saucepan and let simmer gently from three to four hours. Lift out on glass dish very carefully. Boil syrup two or three minutes. Cool a little and pour over pears.

### Mince Meat.

Boil until tender, a beef tongue, which has been well salted; when cold chop fine and add: Two pounds of suet, chopped fine; two pounds raisins, stoned; two pounds of currants, washed and dried; 12 large apples, chopped; the grated rind of one, and juice and pulp of two oranges; a quart of strawberry or raspberry jam; one quart of peaches with juice put through colander; three-fourths pound of citron, shaved; two tablespoonfuls of ground cinnamon; one tablespoonful of ground nutmeg; one tablespoonful of ground allspice; one tablespoonful of ground cloves.

Moisten well with sherry wine and brandy and add juice and grated rind of four lemons. Add as many nuts as desired.

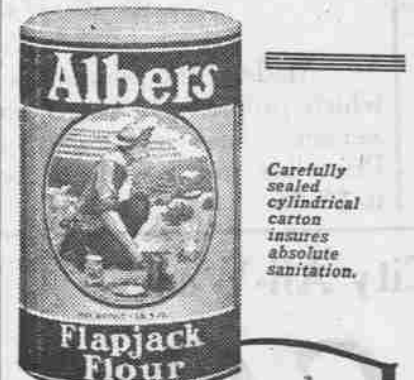
### BANNER THOUGHTS IN POETRY

#### Worth While.

There's no such satisfaction  
As the satisfaction true  
Which comes from helping others  
In the work they have to do.  
And there's no such thrill of gladness  
Like that sweet and happy thrill  
Which is born of helping others  
Who are trudging up the hill.  
If you want to know contentment,  
And be truly satisfied,  
Just go and help your brother  
When his soul is being tried.  
—Edgar A. Guest.

#### Where Trouble Goes.

A crowd of troubles passed him by  
As he with courage waited.  
He said: "Where do you troubles  
fly  
When you are thus belated."  
"We go," they said, "to those who  
mope,  
Who look on life dejected,  
Who weakly say good-bye to hope;  
We go—where we're expected."  
—Life.



Grocers Recommend Albers Quality  
**Albers Flapjacks**  
the hotcakes of the West

# TRAINING LITTLE CITIZENS

These Articles published weekly in these columns are Issued by the National Kindergarten Association, New York City

## Parents As Educators

Who Is Jane's Teacher?  
(By Anne Goodwin Williams, National Kindergarten and Elementary College.)

"Who is Jane's Teacher?" we asked of the mother of a charming little eight year old girl. The mother mentioned the name of Jane's teacher in the public school and then together we performed some arithmetical problems to prove that "Miss Bennett" was only one of Jane's many teachers and that her teaching hours were less than those of some of the others.

Suppose, we said, that Jane sleeps from seven o'clock until seven then in a year she has 4380 waking hours—and only 1000 of them are spent in school during the year—What of the 3380 hours remaining? Who is teaching Jane, then? She is certainly learning. Sometimes her playmates are her teachers, with lessons sometimes helpful, sometimes harmful. The father's teaching hours are limited to Sundays and holidays with an occasional evening hour; the Sunday school teacher may get twenty-five hours a year, but of course, the real teacher is the mother. Every day of the year, she teaches her little daughter, even during the child's sickness lessons continue, lessons of patience, gentleness and self control.

If anyone were to ask of the school teacher that she teach music, art, literature, domestic science and manual training, she would know it was impossible. And yet, that is just what is demanded of the mother as an educator.

Music! Yes, she is teaching music when she sings at her work or helps Jane select good music for the Victrola instead of Jazz. And she arranges her home tastefully, with appropriate pictures, with which she is often unconsciously forming the child's taste in art.

"What stories shall I read to the children?" we Kindergartners are often asked again and again by eager mothers who feel that ordinary "trashy" stories are not good enough for the children who are so greatly influenced by the stories they hear and read.

The mother knows—this wise mother-educator who is asked to teach domestic science, how necessary it is for her little daughter to learn helpfulness in household duties. "I can't iron big things yet but I can iron all the handkerchiefs, daddy's and mother's and John's and mine," said little Jane with pride.

Actions are judged right or wrong according to mother's approval or disapproval. She is, indeed, the great teacher of morals. "Slip in behind those people so the conductor won't see you," I heard a woman say to a little boy one day as I was boarding a crowded street car. He succeeded in "fooling the conductor" and in getting a definite lesson in cheating and in dishonesty.

Religious training, as well as moral is part of the great task and the joyous task of the teacher-mother—and is it not a glad sign for future America that so many mothers of our great country are, in their hearts,

uniting in the prayer of "Motherhood" so beautifully given by Eleanor Robbins Wilson in a recent number of Good Housekeeping?

"So short a time at my command These children that I hold tonight, God give me grace to understand, Wisdom to guide their steps aright, That I may be throughout the land, A lamp unto their feet for light."  
"So short a time do small hands sling, With confidence of babyhood, Let me not idly dream the thing, But live the noble part I should, That henceforth from much mothering

They shall instinctively seek good. "So short a time for my embrace, For love, cheer, comfort, lullabies, God help me hallow the brief space That turns to gold each sacrifice— Build her soul's mansion in the skies."

## PRODUCERS OF FOOD

That the condition of farmers in several states is much worse than the public suspects is disclosed by an announcement from the American Red Cross that between \$75,000 and \$100,000 of its funds have been expended in relieving distress in certain parts of Montana and North Dakota.

In a letter to the Farmers' Council headquarters, Y. C. Mansfield of Sunnyside, Wash., depicts the terrible conditions existing in that state and in Montana and Southern Idaho.

Thousands of farmers, Mr. Mansfield records, are unable to send their children to school because of inability to supply books and clothes. Many of them are living mostly on bread and milk.

"Many farmers," the letter continues, "are compelled to go to their bankers and beg for money to buy a sack of flour. Their crops were all mortgaged and taken from them. There are a great many who were unable last fall to seed their summer-plowed ground and there is no hope of their being able to do so in the spring."

## See George For

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In order to be doing something during these dull times, we will make you a 14x20 oval convex \$5.00 portrait FREE. We want you to show it to your friends and advertise our work. All we ask of you—send us 95c to pay for postage and boxing and we will send the portrait prepaid, free. Mail your photos, with 95c. Give us a trial. No frame catch—buy your frame where you please. We copy anything and everything. Money back if not pleased.

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# CLASSIFIED ADS

Whatever you have to buy, sell, rent or exchange, whether you want employment or employees.

## BANNER-COURIER WANT ADS BRING RESULTS

### For Sale—Live Stock

#### NOTICE

I will sell at public auction at my residence in Edwood, Clackamas County, Oregon, March 3rd, 1922, at 2 P. M., to highest bidder, for cash, the following described estray steers:— 1 black mulley; 1 red mulley; 1 black with white spot in forehead, thick horns, each having the following ear mark under bit in right ear, and upper slope in left ear. Louis Vallen, Colton, Ore., Rt. No. 1. 2-16-2t

### REGISTERED BREEDING STOCK

Big type Poland and Duroc Jersey Swine. Young stock for sale. DIMICK STOCK FARM.

### For Sale—Poultry

FOR SALE—Thoroughbred R. I. Red roosters, \$3.50 each. Mrs. Lucy Martin, Glen Park street, Willamette Valley Southern. P. O. Rt. 320, Oregon City. 2tp

FOR SALE—Pure bred barred rock roosters, O. A. S. stock, \$3.00 each. Loganberry and blackcap tips, \$20 per thousand, Victor Lalone, Rt. 2, Box 89, Oregon City. (2-16-1tp)

FOR SALE—130 egg Mandy Lee incubator. Peter Huber, Hoff, Ore. Rt. 1. 2-23t, pd.

BABY CHICKS—For Sale S. C. White Leghorns from heavy laying strain. \$15.00 per hundred. H. Cunningham, Holmes Ave., Oregon City, phone 15F12. 2t

FOR SALE—Eggs for hatching, Rhode Island Reds, \$1.25 per 15. G. F. Anderson, 414 Main Street, Oregon City of Gladstone. 2-16-2t

### For Sale—Miscellaneous

IS YOUR SIGN in keeping with your Business? Robertson Sign Co., Oregon City.

CEDAR POSTS FOR SALE—W. W. Harris, Phone Beaver Creek 1-4. 2-2-2t

SECOND HAND GOODS—Bought and sold, Stoves and Ranges, Buffet and a Thousand and one other articles in daily use—we have on hand. We Buy Everything and Pay Cash for same. J. H. Mattley, 914 - 7th St. 2t

### Rhode Island Red Eggs

We have one of the finest flocks of Rhode Island Red Fowls in the state and will be able to supply hatching eggs from fine well matured hens at any time hereafter. Eggs \$1.50 per setting, delivered in Oregon City. CLIFFORD GUNNUP, Oregon City, Oregon. R. F. D., Phone 29F3. 2-16-21t.

CONCRETE WORK—All kinds including sidewalks and basements. Chimneys repaired. M. Long, Telephone 264-R 4-23 if

FOR SALE—1000, Fruit Trees and Rose Bushes, apples, pears, prunes plums, and peaches, one and two year olds, 25 cents each, H. J. Bigger, Oregon City Greenhouse. Nov. 17-1t.

### For Sale—Real Estate

FOR SALE—Six room bungalow, ever very modern convenience, on river front. Any one wanting a nice home, furnished or unfurnished, Phone 188-J. 2-t.

### Wanted—Real Estate

WANTED—To hear from owner of good ranch for sale. State cash price, full particulars. D. F. Bush, Minneapolis, Minn. 1-5-13t.

LOST—A leather wallet, tan color. Five dollars reward for return to Huntley-Draper store. Earl Tiedeman. 2-23-1tp.

LOST—Gray Blanket on Falls View on Sunday P. M. Return to Banner-Courier office and receive reward.

Difficult to Comprehend. Father was trying to explain "Standard Time" to little Harry, but Harry was not sure that he understood. "After all, it is no great matter," said father.

"You are now only in the fourth grade. When you have gone to school longer, you will learn all about it." "Maybe so," said Harry with a reassuring smile. "The teacher says that even lots of eighth grade boys and girls don't understand longitude and latitude."—Wayside Tales.

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