

FARM ORCHARD AND GARDEN
BY **F. TRIGG**
CENTRAL POINT
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The 1912 hay crop is put at 72,000,000 tons, which is an increase of 17,000,000 over the yield of 1911.

The writer has seldom seen a heavier crop of hazel nuts than that of the season just past and never a crop more free from worms.

How suggestive of colder days to come is the clear staccato note of the chickadee which greets one as he walks through leaf strewn woods these fall days outting or hunting.

The orchardist who does not want to waste his time and uselessly mutilate his trees will pass up fall grafting. This work should be done after the 1st of February and before the middle of May.

Senator McCumber of North Dakota recently made the statement in a speech on the floor of the senate that a steer for which the farmer received \$75 cost the consumer in New York city \$250 when set before him in hotel or restaurant.

For small towns that swarm with canines of various breeds, sizes and colors there is no method of getting rid of the pests so effective as the levying of a good stiff tax by the town authorities and, after this is done, seeing that the tax is paid.

While it seems and really is pretty tough on the grower, the fact remains that the fellow who is earning \$1.75 a day and has a wife and six children to support cannot help but chuckle a bit at being able to get potatoes for winter at from 30 to 40 cents a bushel.

The Kansas live stock commission estimates that 20,000 horses have died in that state during the past few weeks from the horse plague. In some instances farmers who have lost all their horses have broken sters to work and are getting some of their field work done with this motor power.

A chrysanthemum has about so much vitality to devote to blossoms, and the size of the blossoms will quite closely vary in an inverse ratio to the number of buds that are left on the plant. To produce the big blossoms that are five and six inches in diameter but one bud is left to each big stalk.

"Seven dollars a week and no washing," as the terms on which milady can secure hired help for the house, is calculated to make her meditate on the beauties of the simple life and appreciate the wisdom of reducing her work so as to dispense with the services of a hired girl. In many instances such a change would be expedient, in others a positive necessity.

With the cooler weather rabbits make a toothsome dish and give a change from the steady ration of beef and pork. This is particularly true of the young rabbits. They are good stewed with dumplings, parboiled and fried or stuffed with dressing and roasted. In the latter case they should be broiled at intervals so that the thinner portions of the meat will not become too dry.

Hog cholera is wiping out the swine herds and knocking the prospective profits of many a farmer in the northern states. If the cholera, plague, or whatever it may properly be called, gets within a few miles of a fellow's farm he would do well to ship his hogs before they are smitten. In a number of instances which we have noted recently herds of from between 100 to 300 head have been completely wiped out.

While the gas tractor is supposed to be especially suited to the big wheat ranches in the far west and northwest, a Pennsylvania farmer has the past season used one with gratifying success. He not only plows and harrows with this iron horse, but harvests, thrashes and hauls his grain to market. The advantage about this motor power is that it is not stuffing straw and hay when off duty and is immune to all the ills that afflict the equine family.

Hozing down corn seems to be gaining in popularity in those sections of the corn belt where it has been given a fair trial. It is a method of harvesting the crop that gives a maximum of feeding value with a minimum of labor. The consensus of opinion of those who have tried the plan seems to indicate the wisdom of fencing off relatively small portions of the field so that the hogs will eat the corn more closely. A number of feeders have found that if shotes and brood sows follow the fattening hogs more satisfactory results are obtained.

THE SWINEHERD.

The best combination of oats with corn for pig feeding is one-third ground oats with two-thirds cornmeal. Whole oats give poorer returns than ground oats. It is a big mistake to feed the pigs a double dose when going away for the day. Better let them squeal a little before you get back than to overeat and be sick.

Roots and vegetables or clover hay generally have a beneficial effect upon the digestive organs of the hog.

Harley is somewhat less valuable than corn in pig feeding. It requires 5 per cent more harley than corn to produce a given gain.

Whenever hogs are confined to one feeding place a feeding floor should be provided.

WINTERING HORSES.

Farm Work Animals Need Regular Work and Good Care.

Hay at \$20 per ton is rather expensive for idle horses, and so many farmers will winter them in the stalk fields and around the straw stacks. This may be a cheap method, but it can hardly be profitable, because horses thus wintered will be in poor shape for spring work, writes an Indiana farmer in National Stockman. In order to save hay ourselves we feed our horses on sorghum, corn stover and millet with some alfalfa. They are in good condition now with four ears of corn night and morning, and we believe the variety of feeds is palatable for the horse and profitable for us. As one of these feeds is readily salable, one is apt to be more generous in severe weather than he would be with hay at high prices.

Horses should also have salt at regular intervals, because it tends to make them drink heartily, which some horses will not do in very cold weather. The complaint is often heard that corn stover causes worms in horses. This may be true on an exclusive diet, but we have no such trouble when combined with other roughage. Even straw may be used occasionally with good results. It tends to improve the condition of the horses' hair and thus saves currying, which many farmers consider a waste of time in winter.

Some men claim that a good curry-comb saves half the food. Then two



The Pennsylvania State college has recently been conducting an experiment to determine the cost of producing draft horses. The illustration shows a Percheron grade gelding used in the experiment. It is profitable for the farmer to raise draft horses, for by the time they are full grown and fit for market they have earned every cent they cost. Their price is profit.

combs should save all the feed. Between these extremes there is evidently a happy mean for even idle horses.

We would curry in the evening preceding a cold night rather than next morning. If the horse's comfort is considered, even colts will pay for sufficient currying to remove burrs from their manes and mud from their fetlocks.

Those horses wintered without care and without grain will need a month of good treatment to put them in shape for work. They may be induced to shed the long coat of hair if fed on luxuriant feeds, like bran or oatmeal. Sudden changes of diet should be avoided, but toward spring more protein feeds and more grain should be gradually added to the ration. A horse hard at work needs protein to build new muscle tissue as badly as a dairy cow needs protein to make milk.

Horses which have been kept in condition during winter will not require the extra care or feed to prepare them for hard work. Therefore in the long run it is nearly as cheap and far more satisfactory to have them well kept in winter. Some team work is required every week in the year, yet the tendency is to turn out the horses not needed in winter and let them rough it with the steers. It would pay better if more team work could be provided and all horses given regular work and regular care.

Rye Pasture For Pigs.

For fall litters there is nothing quite equal to a patch of rye. On rye they and their dams will be more healthy and grow. In an open winter or where ground is not covered with snow the rye field will furnish almost ideal green feed for fall pigs at weaning time. Where green feed is not provided it too often happens that little or no growth is secured on fall pigs. In that case the profit is lacking, as the small amount of growth will not be sufficient to even pay for the feed that has been eaten. A patch of green lucious rye will change all that and make profit where otherwise there would be loss.

Dairy Essentials.

That the dairy may prosper two things are necessary—the right cow and the right man. Unfortunately neither can be picked up by the roadside. You have to breed both of them. It takes years of training to make the best dairyman, and it takes years of breeding and selection to develop the best cow. When you find a man who has behind him years of training in any line there is no trouble about his making money in his business and no trouble about finding a place to work profitably if he wants to sell his services to some other man. When you find a cow that is capable of producing a large yield of butter she is worth more money to the dairyman than the average man can understand. These thoughts are from an address by Dean Burnett of the Nebraska Agricultural college before the Nebraska Dairyman's association.

Which Class?

At the Wisconsin state fair visitors were arrested by the sign, "In Which Class Are Your Cows?" over four piles of butter, one of which represented the yearly product from an exceptionally good cow and included thirteen sixty pound tubs of butter and twenty pounds besides. Next was a pile of six tubs for good cows, three tubs and twenty pounds for the average cow and two tubs for the star boarder, who produces eighty pounds less than enough to pay her feed.

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, November 29th, 1912.

Notice is hereby given that Robert L. De Courcy of Bend, Oregon, who on November 19th, 1908, made homestead entry No. 01711 for E 1/4 SW 1/4 and W 1/4 SE 1/4, section 19, township 20 south, range 11 east, Willamette Meridian, has filed notice of intention to make final five-year proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at his office at Bend, Oregon, on the 11th day of January, 1913.

Claimant names as witnesses: Martin J. Main, Luther Metke, John W. Fisher and George W. Shriner, all of Bend, Oregon.

29-43 C. W. MOORE, Register.

NOTICE OF CONTEST.

Department of the Interior, United States Land Office, The Dalles, Oregon, December 3, 1912.

To William T. Wedbrod of Bend, Oregon, Contestee:

You are hereby notified that Janet Williams, who gives care of E. E. Parker, Bend, Oregon, as her post-office address, did on October 30, 1912, file in this office her duly corroborated application to contest and secure the cancellation of your homestead entry No., serial No. 65395, made Oct. 11, 1909, for N 1/4 SE 1/4, NE 1/4, sec. 26, S 1/4 SE 1/4, section 23, township 19, S., range 14, E., Willamette Meridian, and as grounds for her contest she alleges that said William T. Wedbrod has never established residence upon the land; that he has never cultivated or improved the same.

You are, therefore, further notified that the said allegations will be taken by this office as having been confessed by you, and your said entry will be canceled thereunder without your further right to be heard therein, either before this office or on appeal, if you fail to file in this office within twenty days after the FOURTH publication of this notice, as shown below, your answer, under oath, specifically meeting and responding to these allegations of contest, or if you fail within that time to file in this office due proof that you have served a copy of your answer on the said contestant in person or by registered mail. If this service is your answer of the said contestant's written acknowledgment of his receipt of the copy, showing the date of its receipt, or the affidavit of the person by whom the delivery was made stating when and where the copy was delivered; if made by registered mail, proof of such service must consist of the affidavit of the person by whom the copy was mailed stating when and the post office to which it was mailed, and this affidavit must be accompanied by the postmaster's receipt for the letter.

You should state in your answer the name of the postoffice to which you desire further notices to be sent to you.

C. W. MOORE, Register.

Date of first publication Dec. 11, 1912.

Date of second publication Dec. 18, 1912.

Date of third publication Dec. 25, 1912.

Date of fourth publication Jan. 1, 1913.

NOTICE OF CONTEST.

Department of the Interior, United States Land Office, The Dalles, Oregon, December 3, 1912.

To Bud L. Vancel, of Prineville, Oregon, Contestee:

You are hereby notified that R. D. George, who gives care of E. E. Parker, Bend, Oregon, as his postoffice address, did on November 11, 1912, file in this office his duly corroborated application to contest and secure the cancellation of your homestead, entry No., Serial No. 69643, made November 6, 1911, for N 1/4 SW 1/4, NW 1/4 SE 1/4, section 28, township 14, S., range 15, E., Willamette Meridian, and as grounds for his contest

he alleges that said Bud L. Vancel has never established residence upon said land; that he has never cultivated the same nor made any improvements on said land other than an unhabitable house.

You are, therefore, further notified that the said allegations will be taken by this office as having been confessed by you, and your said entry will be canceled thereunder without your further right to be heard therein, either before this office or on appeal, if you fail to file in this office within twenty days after the FOURTH publication of this notice, as shown below, your answer, under oath, specifically meeting and responding to these allegations of contest, or if you fail within that time to file in this office due proof that you have served a copy of your answer on the said contestant either in person or by registered mail. If this service is made by the delivery of a copy of your answer to the contestant in person, proof of such service must be either the said contestant's written acknowledgment of his receipt of the copy, showing the date of its receipt, or the affidavit of the person by whom the delivery was made stating when and where the copy was delivered; if made by registered mail, proof of such service must consist of the affidavit of the person by whom the copy was mailed stating when and the post office to which it was mailed, and this affidavit must be accompanied by the postmaster's receipt for the letter.

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SUMMONS.

In the Circuit Court of the State of Oregon, for the County of Crook.

H. J. Overturf, plaintiff, vs. E. B. Summy and Helen J. Summy, defendants.

To E. B. Summy and Helen J. Summy, defendants:

In the name of the State of Oregon you are hereby required to appear and answer complaint filed against you in the above entitled suit within six weeks from the date of the first publication of this summons, and if you fail to appear and answer, for want thereof, plaintiff will apply to the Court for the relief prayed for in the complaint, to-wit: For the foreclosure according to law of that certain mortgage bear-

SUMMONS.

In the Circuit Court of the State of Oregon, for the County of Crook.

First National Bank of Bend, a corporation, plaintiff, vs. Earl B. Houston, May Houston and J. D. Rogers, defendants.

To J. D. Rogers, one of the above named defendants.

In the name of the State of Oregon, you are hereby required to appear and answer the complaint filed against you in the above entitled suit within six weeks from the date of the first publication of this summons, and if you fail to appear and answer, for want thereof, plaintiff will apply to the Court for the relief prayed for in the complaint, to-wit: For the foreclosure according to law of that certain mortgage bear-

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ing date the 21st day of October, 1911, executed by you to secure plaintiff in the payment of the sum of \$2250 with interest at 6 per cent per annum from the 1st day of October, 1911, and that the premises described in said mortgage be sold according to the law and practice of this Court, and that the proceeds of said sale be applied to the payment of said sum, and \$225 attorney's fees, together with the costs and disbursements of suit, and that the plaintiff have judgment against you and each of you for the sum of \$2250 with interest thereon at the rate of 6 per cent per annum from the 1st day of October, 1911, for \$225 attorney's fees and for the costs and disbursements of this action, and such other relief as to the Court may seem just and equitable.

This summons is served upon you by publication by authority of an order of the Hon. H. C. Ellis, Judge of the County Court of Crook County, State of Oregon, said order is dated the 30th day of October, 1912, and is duly recorded and entered in said suit.

Date of first publication, October 30th, 1912.

VERNON A. FORBES,
34-40 Attorney for plaintiff.

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The Bend Bulletin,
Bend, Ore.

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