AGRICULTURE AND LIVESTOCK NEWS

Up-to-date Information to Help Develop Progressive Farming

Cost of Raising Pigs

Recent investigation by animal husconsin College of Agriculture indi- the feed in the feeder. cates that pure-bred pigs can be raised to weaning time at a feed cost of \$2.23 each. This feed cost was ar- ing the corner of the burlap. The Berkshires on the farm of T. J. Kurtz, bees will do the rest. near Cedarburg. Records were kept on five sows which raised thirty-six pigs. An account was kept of the feed given the sows from the time they were bred until the pigs were eight weeks old. At prevailing market prices this feed cost totaled \$98 .-62. During the period considered the sows gained a total of 263 pounds. This cost 5% cents a pound to produce and was charged as worth 7 cents a pound. The actual cost of each pig at weaning time was therefore \$2.23

Silage for Sheep

By Herman Rieck, Jr., Macleay, Ore. problem is in handling a flock of sheep and he will tell you that wintering the flock is the hardest part of the sheep business. You can't expect a crop of healthy, vigorous lambs higher in fertility than hen eggs, but unless you give the ewes proper food the hatchability on the whole is lowand shelter. Alfalfa, clover and other er. leguminous have are the safest to feed when it comes to dry feeds, because when fed hay, that does not digest quickly.

There is, however, one great forage crop in the United States that is far above all others, except perhaps al-This crop is corn. No farmer can afford to continue without a silo.

After three years of experience, the writer is of the opinion that silage is the greatest feed for sheep that can possibly be grown. Silage can be fed liberally and is the cheapest feed we produce, considering its value from point of succulence, which means health with sheep and food value,

To prove that silage is the cheapest feed grown, we will make a comparison with hay. There are 350 pounds of digestible nutrients in one tone of good corn silage; in one ton digestible nutrients. Therefore sllage hay. If clover hay is worth \$12 per ton, silage is worth \$4 per ton. According to experiments conducted in about 4 1-2 pounds of feed a day (this however, varies with size of sheep). pounds of silage and one pound of North Albany. good leguminous hay. Three and one- When applied to legumes in ordi tal of \$.013, or not quite one-half the cost of 4 1-2 pounds of clover hay.

ewes fed on silage give much more son. grown by fall.

Spring Bee Feeding

By George W. York colonies in almost every beeyard will trouble by advising them that tests need to be fed. For various reasons show that Kudzu is not adapted to some run out of stores of food while Oregon conditions as a forage crop. others may have plenty to carry them through until they can gather enough from the flowers.

easily made from two parts of granu- of the season as it is the first blow lated sugar thoroughly dissolved with to scab and mildew and, if nicotine one part of boiling water. This is sulfate is added, it will control the then fed warm to the bees.

ing just before dark, then they will fed. It would also be well to close the hive entrance down to about two inches in width by three-eighths or one-half inch in height.

To feed the sugar syrup, I prefer to put it into a feeder that can be set then covered over warm with burlap, station. all within an empty super put on the brood-chamber. An Alexander bee feeder works well, as it will sit diagthe same way in an eight-frame super inch at the corners of the feeder. It is made of a solid block of wood good chicks than a lot of culls .- O. A. about 3x4 inches and about 20 inches C. Experiment station, long, on one side of which wide sawkerfs have been made almost through the feeder. Four or five sticks of A. C. Experiment station. wood, about one inch square and five or six inches long, should be crossed Subscribe for the Banner-Courier.

on top of the feeder, and several inches apart, for the purpose of hold-

The syrup can very easily be pour-

Pullet Eggs for Setting

"How about setting eggs that are all laid by pullets? I was told they would not hatch so well as eggs from older hens. We only have pullets in our flock, and they lay quite well and the eggs are fertile."

Pullet eggs may hatch as well as hen eggs if the pullets are well matured and in good condition. The twoyear-old birds are usually considered he best breeders; they lay a larger egg and are fully developed.

Pullets are in the breeding pens of most breeders, although it is admitted that continual breeding from immature stock, especially if both side of Ask any sheepman what his biggest the mating are immature, will weakon the vitality of the flock,

To offset the youth of the pullets, t is well to use two-year-old males. Pullet eggs will sometimes average

GYPSUM IS PROFITABLE ON CLOVER AND ALFALFA

Gypsum, calcium sulfate, or land plaster can be used profitably on legumes such as clover and alfalfa to increase the sulfur content of the soil or stimulate the action of soil organtems, reports W. L. Powers, chief of soils at the Oregon Experiment station. It also exerts a beneficial effect on the physical structure of clay soils, aids in laundering out alkali soils following under drainage and neutralizes the toxic effect of black alkali, but should never be used to correct acidity as it will not make "sour" soils

Gypsum may be applied to the land any time now that weather permits. of clover hay, about 1000 pounds of It is easily broadcasted on young legames, or if the ground is firm, apis worth one-third as much as clover plied with spreader. Where gypsum is used chiefly for its sulfur content 200 pounds to the acre is the usual rate of application, as its sulfur content is recent years, silage can be produced about 18 pounds to the hundred. Analfor about \$3 per ton. A sheep requires | ysis of some soils in western Oregon show a very low sulfur content, a condition quite common with the red hill Now let us say that 4 1-2 pounds of soils especially. Elemental sulfur used clover hay is worth \$.027, 4 1-2 pounds on clover has increased yields on of corn silage is worth \$.009. A real three widely separated experimental good ration for stock ewes is 3 1-2 fields near Astoria, Crown Point, and

half pounds of silage is worth \$.007, nary amounts, such as 50 to 80 pounds one pound of hay is worth \$.006, a toto stimulate the action of beneficial soil organisms and acid in the forma-Silage is very succulent, therefore tion of nitrates during the early sea

milk than ewes fed on dry feeds. We | Soil acidity is neither changed nor take our sheep out of pasture the corrected by application of gypsum in first of November and feed them un- any reasonable amounts as shown by til the first of March, then if the wea- lime requirement tests. Its physical ther is good we pasture on full grain effects are similar to those of lime till the first of April and then turn on clay soils, and it will improve soil our sheep into their regular pasture, structure and aid percolation, thus We aim to have our lambs come in hastening laundering out of alkali fol-January so as to have them well lowing drainage, if applied in goodly amounts.

Kudsu Not Good in Oregon

Kudsu is the subject of many inquiries sent to the Oregon Efperiment station. The station has saved many Quite frequently in the spring some farmers a lot of time, money, and

One Spray Scab and Aphis

The delayed dormant spray on the Syrup for spring feeding is very apple is one of the most important destructive aphis pests. The usual There are several ways of feeding spray is made up of commercial limethis syrup to the bees. It is always sulfur, 3 1-2 gallons, nicotine sulfate best to give it to them in the even- (Black Leaf "40") 3-4 pint, and 100 gallons water. Tests last year indistore it in their combs during the cate that addition of casienate spreadnight and thus avoid any danger of fer to the spray at the rate of 1 pound other colonies robbing the ones being to 100 gallons increases the efficiency nearly 50 per cent. Control of the aphis is improved if this spray is not applied until the blossom buds of the clusters have began to separate. The exact time of application will depend on whether the scab or the aphids is right on top of the brood-frames and the major pest.-O. A. C. Experiment

Chicks Crowd Brooders Overcrowding ruins many flocks of onally within a 10-frame super, and chicks. A brooder that will accommodate 300 day-old chicks will care of by sawing off one-quarter to one-half only one half that number when they are two weeks old. Better raise a few

Buckwheat seeded at the rate of 40 the block, but leaving several strips to 45 pounds an acre in May or early sticking up so that the bees will not June makes excellent bee pasture, and drown when getting the syrup out of the grain is good for poultry feed .- O.

**************** NELDON'S WATCH SHOP

has the agency for the Mandel Phonographs which is as good as the very best instrument sold by any one, at a remarkable low price of \$75.00. Also Gennett records for 75 cents. All of the very latest ones out are carried in stock.

WATCHMAKER AND JEWELER

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Five pounds of fat, one can red seal ing up the burlap packing above the lve, one quart and one cup of water, bandrymen at the University of Wis- feeder so that the bees can get at one cup of borax. Place the grease on stove to melt. Dissolve the lye and borax in the water and when cool add ed in at one end of the feeder by rais- to lukewarm grease. Stir just enough to mix ingredients thoroughly and no rived at in a test with pure-bred hive cover is then replaced, when the more. Pour immediately into a shallow wooden box lined with, cloth When cool cut into squares.

RECEIPES

11/2 cups diced celery. 1% cups chopped young carrots. Boiled dressing.

Mix carrots and celery with boiled dressing. Place on lettuce leaf and garnish with small amount of dressing mixed with cream and a dash of

I am sending an excellent' bolled rosting which is made very quickly and is always good.

Place in double boiler. 1 cup white sugar. 2 tablespoons cold or warm water.

1 egg white. Pinch 'of salt.

Beat this continuously until mix- In the name of the State of Oregon around five minutes. Use rotary egg lanswer the complaint filed against

beater. Remove from double boiler, you in the above entitled Court and NOTICE OF FINAL ACCOUNT OF thereof. All heirs, creditors or other Add pinch baking powder, and 1 tea- cause on or before Thursday, the 4th spoon flavoring. May add 1/2 square day of May, 1922, and if you fail to bitter chocolate melted if a dark frost- so appear and answer said complaint, frosting can be made very quickly and to-wit: successfully,

NOTICE OF FINAL SETTLEMENT

Notice is hereby given that the undersigned has filed his final report in the estate of Philip J. Ott, deceased the Court has set Monday the 15th day of May, 1922, at the hour of 10 o'clock A. M. on said day in the County Court Room in the County Court House in Oregon City, Oregon, as the time and place for hearing any and all objections to said final report, and the discharge of said administrater

Dated 13th day of April, 1922. ISAAC OTT, Administrator of the estate of

Philip J. Ott, deceased. G. B. DIMICK & W. L. MULVEY, Attordeys for administrator

SUMMONS

In the Circuit Court of the State of Oregon for Clackamas County Ralph Bush, Plaintiff,

Pansy Bush, Defendant. To Pansy Bush, the above named

ture gets quite thick. This will take you are hereby required to appear and

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73

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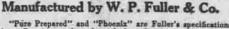
Ask the Fuller Specifica-tion Department about the most desirable color schemes, color harmony and any other details. Take advantage of Fuller House Paints. Paint now. Don't let weather depreciate

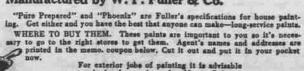
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House Paints





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In the Matter of the Estate of Jo- their objections to said final account ing is desired. Stir frosting with for want thereof, plaintiff will apply seph W. Farrar, Deceased: Notice is in said court and estate on or before spoon until cool and thick enough to to the Court for the relief prayed for hereby given that the undersigned, said date appointed for the hearing of spread. With a little practice this in his complaint on file in said cause, administrator of the estate of Joseph the same. W. Farrar, deceased, has filed his fi-

nal account in said estate in the 10th, 1922, For a decree dissolving the marriage centract heretofore and now ex- County Court of the State of Oregon isting between plaintiff and defend- for Clackamas County, and that the ant, and for such other and further Judge of said court has appointed relief as to this Court may seem meet | Monday, the 22nd day of May, 1922, at 9 o'clock in the forenoon of said day, and equitable.

This summons is published by or- as the time for hearing objections to Date of last publication May 11. der of the Honorable J. U. Campbell, Judge of the above entitled Court, and the first publication thereof to be Thursday he 30th day of March, 1922, and he date of the last publication hereof to be Thursday, the 4th day of May, 1922.

G. B. DIMICK & W. L. MULVEY, Attorneys for Plaintiff, Oregon City

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said final account and the settlement 1922.

Opposite Post Office

persons interested in said estate are

hereby notified and required to file

Dated at Oregon City, Oregon, April

Date of first publication April 13,

LORING K. ADAMS,

411 Main. St.

Administrator.

(4-18-5t.)

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