

AGRICULTURE AND LIVESTOCK NEWS

Up-to-date Information to Help Develop Progressive Farming

JERSEY BREEDERS TELL WHY OREGON IS AT TOP

Good climate and skillful management are two leading causes of Oregon Jersey breeders' achievement in developing seven of the eight highest producing Jersey cows in the United States. So said speakers at the Jersey jubilee, just completed by a three-day tour of the Willamette valley. "Your phenomenal achievement is of value to the dairy world," said James T. Jardine, director of the college experiment station in addressing the breeders. "It could have been accomplished only by men of vision who were unwilling to stop near the goal of a new record, but in the language of the football man, 'forced the ball over for a touchdown.'"

The responsibility for maintaining the great reputation rests with the men primarily benefited by the breeding work, the director explained, but the college also has a share—that of making the tests and vouching for the records. This testing, in charge of the dairy department, has recently been commended as among the best in the country.

Responsibility for speeding up increase of pure-breeds, now only 4.6 per cent of dairy cattle, and for promotion of herd improvement by community testing and breeding, was also shared for the college by the director. Protection from devastating diseases of dairy cattle by community and federal and state cooperation, rests in part with the college. "Disease is costly," said the director, "and the station is making valuable contributions toward control, best effected by prevention."

Training new men and women to gain vision and information to make themselves helpful in further development was accepted as a college responsibility.

MERCURY SOLUTION BATH BEST POTATO TREATMENT

Treating potatoes before planting for skin diseases such as scab, rhizoctonia, or black scurf is profitable in Oregon.

The right treatment kills disease on the surface of the potatoes. Before treating potatoes run them over a slat-work sorting table or rack and

discard all tubers which are injured cut, or show evidence of decay. This will remove much of the dirt.

The solution extensively used is four ounces of corrosive sublimate (mercuric-chloride) to 30 gallons of water. Most growers soak the dormant potatoes in this solution from one and one-half to two hours before drying and planting. Potatoes that have begun sprouting should not be soaked over one-half to one hour.

In making the solution the right amount is carefully weighed out and may be dissolved in a small quantity of hot water in a clean wooden or porcelain container since the solution corrodes metal and rapidly loses strength.

In making up this solution have the dealer weigh out the mercuric-chloride in small amounts to be dissolved in a given quantity of water for the required dilution—one part of mercuric chloride to 1000 parts of water by weight.

Mercuric chloride is poisonous and if potatoes are once treated with it they should never be used for human consumption or for feeding to animals.

FARM REMINDERS

Hogs Need Some Grain

Alfalfa, clover and rape are considered the best pasture plant for hogs. Pasture alone, however, is not a sufficient ration to bring the best results in pig feeding. Grain of some kind should always be fed along with it. Some feeders prefer to limit the amount of grain fed to two or three pounds daily per 100 pounds of hog. Others prefer the self feeder. Either system is satisfactory.

Chemicals Kill Tops Only

Quack weed killers kill the tops of Canada thistles, but not the well established perennial roots. These

weeds should be kept cultivated off below the ground so their leaves will not reach the light. This method is cheaper and more certain than the use of chemicals.

Early Crimson Clover Best

Where crimson clover is planted for green manure crop it should be up and growing before the dry season sets in. Late seeded crimson clover often does not come up till fall and then it will not be big enough to plow under by spring.

Maggots Destroy Canes

Cutting out and destroying infected canes is the only means yet known for combating the destructive cane maggot that is causing considerable damage in raspberry and loganberry fields. New tender shoots of these plants are frequently found with their tops blighted and drooping in a characteristic "limberneck" fashion. A closer examination of the injured cane reveals a bluish girdle just under the bark at the base of the blighted tip. Cutting into the interior will often show the sulphur—a small whitish maggot within the pith.

POULTRY

By H. E. Cosby, Oregon Agricultural Extension Specialist

The 40 or 50 or 60 eggs you should have had, but didn't get, from each of the birds in your flock are just as much of a loss as though you had them all in a basket, the bottom of which dropped out and let them fall on a concrete pavement. The only difference is that in one case you are brought face to face with your loss, while in the other, since you can not see it, you do nothing to prevent its repetition. You would not be long about repairing the bottom of that basket, or discarding it for a new one. Why not try something of the kind on the flock?

There is considerable difference between sprouted oats and germinated oats. The latter go through a three-day or four-day sprouting process, but retain all their feeding value. The former have sprouts three or four inches long and furnish practically nothing but green feed.

POTTED HAM

Two cups chopped lean ham, ¾ cup chopped fat ham, 1 teaspoon paprika, 1-8 teaspoon mustard. Put chopped meat in a bowl and pound to a smooth paste, adding paprika gradually. Put the extra fat trimmed from the ham in a frying pan and cook slowly until all the fat is fried out.

Press the pounded meat firmly in a sterilized jar, starrin over the fried-out fat. Let stand till cool. Cover the meat with the fat to the depth of at one-fourth inch. If there is not enough ham fat to completely cover the ham add lard. When cool cover tightly and store in a cold place. This ham is excellent for sandwiches. The ends of hams can be boiled and used in this way.

Griddle Cakes for Two

One cup sour milk, 1 teaspoon soda, 1 egg, 1-2 teaspoon salt, 2 table-spoons corn meal, flour, 1 teaspoon baking powder.

Put sour milk into mixing bowl. Stir in soda. Add egg well beaten. Add salt and corn meal and sift in a cup flour. Mix well and add more flour slowly until the batter is about as thick as heavy cream and very smooth. Add the baking powder with the last flour put into the batter. Bake on a hot, well greased griddle.

THE CARE OF CHILDREN'S TEETH

One of the essentials of happy, healthy living is good mastication of food. This depends in part on the habit of properly chewing the food, but this can not take place unless, first of all, teeth exist and are in a proper condition for chewing.

The investigations of the teeth of school children show that eight out of every ten children have decayed teeth. This condition is deplorable. Many of these children suffer from toothache, absent themselves from school frequently, and carry on their work with difficulty. Recent studies emphasize the relation between decayed teeth, rheumatism, chronic joint diseases, heart disease, and other disorders. Often, too, it is found that permanent teeth, especially the 6-year molars, are missing or are very crooked in their arrangement, making ugly faces which might otherwise be beautiful.

From the point of view of health and personal appearance, the hygiene of the mouth is one of the most important and persistent of health problems, yet a normally healthy mouth is possible for every child.

The first step in this educational campaign is to get children in the habit of cleaning their teeth regularly at least twice a day—after breakfast and before retiring at night. Dental floss should be used at least once a week.

WHY THAT LAME BACK?

That morning lameness—those sharp pains when bending or lifting, make work a burden and rest impossible. Don't be handicapped by a bad back—look to your kidneys. You will make no mistake by following this Oregon City resident's example.

Mrs. S. J. Owenby, 306 - 18th St., says: "I recommend Doan's Kidney Pills to anyone having kidney or bladder trouble. I suffered with kidney trouble and my back was so weak and lame I felt miserable. Inflammation of the bladder caused me a lot of suffering and my kidneys acted freely and were painful. Doan's Kidney Pills were just what I needed as they helped me by relieving the inflammation of the bladder and strengthened my back." Price 60c, at all dealers. Don't simply ask for a kidney remedy—get Doan's Kidney Pills—the same that Mrs. Owenby had. Foster-Milburn Co., Mfrs., Buffalo, N. Y. —Adv.

Fog Frequently So Thick That the Strongest Artificial Light Cannot Pierce It.

The worst fog in 20 years was experienced in London when 900,000 tons of soot were suspended in the atmosphere in which 7,000,000 people attempted to live, work, and worst of all, to get about, a short time ago. The possibility of reaching one's destination was ascertained only by the laws of probability and chance. Fire engines called by duty went through the pitch-black streets preceded by a man on foot with a lantern. Busses adopted the lesson of the wagon trains that crossed the Western plains during the gold rush and traveled in convoys of nine or ten, also led by a man on foot with a light. The busy traffic centers were marked by from four to ten huge acetylene torches which pierced the surrounding darkness for not more than fifteen feet. Accidents were innumerable. Prince Henry attempted to motor from London to Whittlebury for a hunting engagement, and after narrowly escaping two collisions then decided to spend the night at a halfway house. A freakish incident occurred when two women, lost within two squares of home, were directed by a blind veteran whose misfortune made him impervious to fogs in a district he knew by heart.

OREGON INDUSTRIES

Weekly Record of Industrial Conditions Gleaned From Reliable Sources Over The State

Contract awarded for grading and macadamizing Myrtle Point-Coquille road.
Eugene to get \$50,000 hospital.
La Grande issuing many building permits.
Dallas—Calif. Packing corporation erecting \$6,500 prune dryer.
Silver Lake—Union Oil Co. to start work on plant.
Betzen—New \$25,000 shingle mill just completed.

Klamath county shipping in 10,000 head beef cattle for feeding.
Coquille—S. P. Co. to rebuild present depot.
Portland municipal paving plant has again been underbid on all proposed street improvements that are to be built this summer.

Dallas—All bids received for city sidewalk construction rejected and property owners to be allowed to do their own building.

Dallas—Building several miles new walks.
Bend has added new charcoal plant.
Hood River strawberry crop estimated 95,000 crates.

Salem—P. R. L. & P. Co. to build \$170,000 plant.
Salem voted down two improvement bond issues.

Portland—\$75,000 permit issued for new Christian church.
Astoria—Oil-bearing sands struck in well near here.

Toledo to get new \$35,000 hotel.

Bonden—Plant of Cedar Mfg. Co. installing machinery.
Attalla—Oil drilling operations resumed.
Greensham—Improvements being made at cannery.
Eugene—Bids being called for new \$70,000 hospital.

Eugene—Bible university to build \$12,000 dormitory.
Toledo—Cheese factory starts operation in Siletz valley.
Corvallis—More than half-dozen business structures under construction.
Stayton—Cannery building com-

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Hats

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Flaxons in a variety of colors, with stripes or flowers; these make very dainty dresses for children, per yard 33c.

Crepe, all colors, plain and figured just what you want for gowns and bloomers, 29c.

Percalles, 36 inches wide, blue, grey and light colors, per yard, 19c.

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