

The Redmond Spokesman

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SILAGE AN EXCELLENT FEED FOR DAIRY CATTLE

Silage is the main reliance of the dairy farmers in many sections for cow feed, since it has been found to be particularly well adapted as feed in this connection. It is the statement contained in Farmers' Bulletin 578, sent out by the United States Department of Agriculture.

While silage is an excellent feed for dairy stock, it should be combined with some other leguminous feed, such as clover, cowpeas, or alfalfa, owing to its insufficient productive quality.

The leguminous material will tend to correct the deficiencies of the silage in dry matter, protein, and mineral constituents. A ration of silage and, say, alfalfa hay alone is satisfactory, however, only for cows which are dry or giving only a small amount of milk and for heifers and bulls. Cows in full milk require some concentrated feed in addition to hay and silage, as they cannot consume enough of these feeds to keep up a large flow of milk and maintain body weight.

The amount of silage to feed a cow will depend upon the capacity of the animal to consume feed. She should be fed as much as she will clean up without waste when consumed along with her hay and grain. Raise or lower the amount until the proper quantity is ascertained. Generally speaking, a good cow should be fed just short of the limit of her appetite. If she refuses any of her feed it should be reduced at once. The small breeds will eat 25 or 30 pounds per day; the large breeds 40 or more; and the medium-sized ones will eat amounts varying between.

Ironclad directions for feeding cows cannot be given. In general, however, they should be supplied with all the roughage they will clean up with grain in proportion to butter fat produced. The hay will ordinarily range between 5 and 12 pounds per cow per day when fed in connection with silage. For Holsteins, 1 pound of concentrates for each 4 pounds of milk produced will prove about right. For Jerseys, one pound for each 3 pounds of milk or less will come nearer meeting the requirements. The grain for other breeds will vary between these two according to the quality of milk produced. A good rule is to feed seven times as much grain as there is butter fat produced.

The following rations will be found good:

For a 1,300-pound cow yielding 40 pounds of milk testing 3.5 per cent:
Silage 40 lbs.
Clover, cowpea or alfalfa hay, 10 lbs.
Grain mixture 10 lbs.
For the same cow yielding 20 pounds of 3.5 per cent milk:
Silage 40 lbs.
Clover, cowpea or alfalfa hay, 5 lbs.
Grain mixture 5 lbs.
For a 900-pound cow yielding 30 pounds of 5 per cent milk:
Silage 30 lbs.
Clover, cowpea or alfalfa hay, 10 lbs.
Grain mixture 11 lbs.
For the same cow yielding 15 pounds of 5 per cent milk:
Silage 30 lbs.
Clover, cowpea or alfalfa hay, 8 lbs.
Grain mixture 5 lbs.

A good grain mixture to be used in a ration which includes silage and some sort of leguminous hay is composed of:
Corn chop 4 parts
Wheat bran 2 parts
Linseed meal or cottonseed meal 1 part

In case the hay used is not of this kind, some of the corn chop may be replaced by linseed or cottonseed meal. In many instances brewers' dried grains or crushed oats may be profitably substituted for the bran, and oftentimes gluten products can be used to advantage in place of bran or oil meals.

The time to feed silage is directly after milking or at least several hours before milking. If fed immediately before milking the silage odors may pass through the cow's body into the milk. Besides, the milk may receive some taints directly from the stable air. On the other hand, if feeding is done subsequent

to milking, the volatile silage odors will have been thrown off before the next milking hour. Silage is usually fed twice a day.

Calves may be fed silage as soon as they are old enough to eat it. It is perhaps of greater importance that the silage be free from mold or decay when given to calves than when given to mature stock. They may be given all the silage they will eat up clean at all times. Yearling calves will consume about one-half as much as mature stock; that is, from 15 to 20 or more pounds a day. When supplemented with some good leguminous hay, little, if any, grain will be required to keep the calves in a thrifty, growing condition.

One of the most trying seasons of the year for the dairy cow is the latter part of summer and early fall. At this season the pastures are often short or dried up, and in such cases it is a common mistake of dairymen to let their cows drop off in flow of milk through lack of feed. Later they find it impossible to restore the milk flow, no matter how the cows are fed. Good dairy practice demands that the milk flow be maintained at a high level all the time from parturition to drying off. It becomes necessary, therefore, to supply some feed to take the place of the grass. The easiest way to do this is by means of silage. Silage is cheaper and decidedly more convenient to use than soiling crops.

The amounts to feed will depend upon the condition of the pasture, varying all the way from 10 pounds to a full winter feed of 40 pounds. It should be remembered in this connection that silage contains a low percentage of protein, so that the greater the amount of silage fed the greater must be the amount of protein in the supplementary feeds to properly balance the ration.

ALL CAN IRRIGATE

"He who shall devise a cheap, practical, dependable power shall have access to the purses and the plaudits of the multitude." Thus wrote a man having in view the millions of acres of the world's most fertile lands ready to bloom with production when irrigated. The Utility Water Motor and Pump is the answer, and the Utility Manufacturing Company is the author.

Once this motor and pump is installed, you are assured of a steady flow of water as large as you plan to use, 24 hours a day, lifted to any height necessary to cover your tract when distributed.

The Utility Water Motor can be installed in any running stream or ditch, and furnishes a uniform, continuous and dependable power. This power can be used for any purpose desired.

The power of the motor is limited only by the head of water used, and from six inches to two feet is all the head that is ever required in any ordinary proposition. These pumps and motors will be sold under a positive guarantee to lift so many gallons of water per minute to the height required and agreed upon.

See Edward Erickson for booklet on "The Utility Water Motor and Pump."

305-EGG RECORD IS REPORTED

Florence Woman Says Scrub Hen Also Lays Enormous Eggs

Florence, Oregon—A hen reported to have beaten the world's record as an egg producer is owned by Mrs. Frank Fox of Glenada. Mrs. Fox got her on July 1, 1913, and since that time says she has laid 305 eggs. About twice a week these are double-yolked. One of these double-yolked eggs laid last week is said to measure 6 1/2 by 7 1/2 inches. The hen is buff-colored, of common stock, with a large comb.

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Alco Apartments
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Portland, Ore.

New and modern (2) room furnished housekeeping apartments with private bath, walking distance, \$1 to \$1.50 per day for transient rates.
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Clatsop Beach Best For Fun and Rest

The tang of salt air and exhilarating breezes, the surf and warm salt water bathing will give a new zest to life.

Hotel, Cottage and Camp Accommodations. Warm Sea Water Natatorium at Seaside and Gearhart.

A delightful trip along the beautiful Columbia River by limited trains carrying observation parlor cars and comfortable coaches.

Seashore Special, 9 Every Morning, and Saturday Special, 2 p. m., from Portland to Clatsop Beach Resorts.

Round Trip Tickets From All Oregon Trunk Stations Sold Daily. Limit Oct. 31.	Military Encampment and Big Gun Practice, Fort Stevens, June 12-23. Astoria Regatta and Motorboat Races, July 2-4.
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Tickets and details furnished by agents

OREGON TRUNK RY.

CENTRAL OREGON LINE

H. BAUKOL, Agent, Redmond, Ore.

PETITIONS ARE OUT FOR COUNTY DIVISION

THE FORMATION OF JEFFERSON COUNTY IS ASKED

North End of the County Is Lining Up to Work for the Proposed Division

The petitions are being circulated asking for the formation of Jefferson county out of territory in the north end of Crook county. The petition is as follows:

To the Honorable County Court of Crook County, Oregon:

Whereas, it appears to be expedient and desirable to form a new county, to be known as Jefferson county, out of that portion of Crook county lying north of a line beginning at the southeast corner of township 11 south, range 19 east, Willamette Meridian, and running thence in a westerly direction along the township lines to the northwest corner of section 4, township 12 south, range 16 east, Willamette Meridian; thence in a southerly direction along the section lines to the southwest corner of section 33, township 12 south, range 16 east, Willamette Meridian; thence in a southerly direction along the township lines to the southwest corner of township 13 south, range 15 east, Willamette Meridian; thence in a westerly direction along the township lines and a continuation thereof to the western boundary of Crook county, Oregon, and,

Whereas, the proposed Jefferson county has property of an assessed value of more than \$2,000,000 and

an area of more than 400 square miles, and a population of over 1,200, and

Whereas, Crook county will have in the territory remaining after Jefferson county is cut off an area of over 400 square miles, and a population of over 1,200, and property of an assessed valuation of more than \$2,000,000.

QUAKE AGAIN ROCKS ALASKA

Severest Shock Since Katmai Awoke Felt at Fairbanks

Fairbanks, Alaska, May 29.—The severest earthquake since that of June 1, 1912, when the sleeping volcano Katmai broke its bonds and scattered ashes over half the area of the world, was felt here at 6:03 o'clock this morning, accompanied by a rumbling of the earth.

The shock today was the fifth in 48 hours.

Reports made at the meeting of the State Grange showed that in many parts of the state young women were thrown out of employment by the operation of the minimum wage and eight-hour law.

The Susanville mining claims in the Greenhorn district of Grant county are making a good showing as producers.

President Sproule of the S. P. Company, said there must be a change in public sentiment before railroad construction will begin, and the factories and mills can operate and employ labor.

The Pacific Northwest sent out \$3,059,635 fruit shipments in 1913.

The Catholic cathedral to be erected in East Portland will cost—building and grounds—\$1,000,000. The Knights of Columbus will erect a club building to cost \$100,000.

M. D. Hammill of Albany is planning a 100-room hotel at Bandon.

A \$52,000 armory is being planned for Eugene.

Nineteen counties in Oregon will lose \$460,328 taxes this year by suits attacking the O. & C. land grant. Litigation has already cost the state nearly as much and the lands are withdrawn from settlement.

JUNE TIME ROSE TIME GOOD TIME PORTLAND

THE OREGON-WASHINGTON RAILROAD & NAVIGATION CO.
Will sell Round Trip Tickets at greatly reduced fares for the Eighth Annual

ROSE FESTIVAL

PORTLAND, JUNE 9-12

On sale daily, June 7-11.
Final return limit, June 15.
Make your plans now to attend Portland's annual feast of roses.

For full particulars, fares, schedules, etc., ask
H. BAUKOL, Agent, O.-W. R. & N., Redmond, Ore.



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REDMOND PHARMACY

Mothers Say That

Snowflake Flour

Is the BEST on the Market

FOR SALE BY ALL GROCERS



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Wines and Liquors Imported and Domestic Cigars

Nothing but the BEST is served at our place

Redmond, Oregon

Redmond Cafe

Formerly Young's Grill.

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COME AND TRY OUR MEALS AND YOU WILL BE SATISFIED. THE LARGEST AND BEST MEAL IN REDMOND FOR THE MONEY.

L. C. Stephens and Guy Stevens, Proprietors.

Anderson Bros.' Saw Mill

MANUFACTURERS OF ROUGH AND DRESSED PINE LUMBER. OUR MILL IS THE NEAREST POINT THAT YOU CAN GET HIGH-GRADE LUMBER. OUR PRICES ARE RIGHT.

4 1/2 Miles Southwest of Laidlaw.

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REDMOND, OREGON

In Connection with Redmond Union Warehouse Company

Eggs for Hatching

Ferris Strain S. C. White Leghorns.

Per setting of 15 eggs 75¢
Per hundred eggs \$1.20

O. K. Olson