

THE SMALLEST COW AND LARGEST STEER IN THE WORLD



Showing the smallest cow on earth, eight years old, born near Antioch, Pa. It is not dwarfed and is a full grown midget, standing 26 inches in height, and the largest steer in the world, born in Sabler County, Texas, stands 19 hands high or 76 inches — is 13 years old and weighs 4200 pounds—a regular full-blooded Texas long-horn.

COUNTY AGENT NEWS

By F. C. HOLIBAUGH

Bulletin Tells How to Cull.

Poultrymen must continue keeping a close watch on their flocks, especially in the fall, for signs of culling characteristics. A hen's ability to produce profitably is indicated by her vigor, shape of body, temperament, color of skin, width of back, depth and pliability of abdomen, and time of year for molting. "Suggestive Hints on Culling the Poultry Flock" is the title of extension bulletin 347, issued in June, 1922, by the Oregon Agricultural College. A copy of this bulletin can be had upon request to the county agent's office. A study of this bulletin should be made by those who have culling work to do.

Hens that are large and coarse and have small sunken eyes are big losers, poor layers, and belong right to the best class.

Calling for good layers begins with selection of eggs for hatching; chicks are culled when first hatched, and again when transferred to brooder; whenever weak or runty chicks are discovered they are culled out; and pullets that are a few months later starting to lay than the average are culled. Culling is a 300-day watching for unprofitable hens, but it pays.

Since hens begin molting when they stop laying, the late molters are likely to be the best layers. The later the hens lay the greater has been her egg production and the later she molts. Poor layers will have more new wing primary feathers in

July and August than the good layers.

In yellow-skinned breeds the same pigment that gives certain parts of the skin their yellow color also colors the yolk of the egg. As the hen starts laying this pigment breaks up and disappears — vent, eye-ring, beak, skin and shanks. When she quits laying the color returns in the same order but more rapidly. Hence the presence or absence of color gives the skilled poultryman an indication of whether or not each hen is laying. Lack of color may be produced by sickness, or lack of yellow corn and green feed. Good judgment does not cull on color alone.

Attention is called to bulletin 1 which appears in the local papers throughout the county this week. This is rather a new departure in the method of bringing to the farmers of the county an outline of agricultural practices that can be recommended to them, based on experimental work that has been carried on through a series of years at the Oregon Experiment Station and observations by the county agent as effecting Columbia county conditions. Recommendations of this kind must be considered as only general and cannot be made to absolutely fit each and every condition throughout the county. However, as general practices, they are to be recommended. One of the items in these recommendations to which we wish to call special attention is early fall plowing and seeding. It is impossible to estimate the loss to Columbia county this year by reason of late spring seeding of grain, which was necessitated by the late wet spring. However, in many cases this could have been overcome if crops had been put in the previous fall while the soil was in proper condition for working.

SOIL MANAGEMENT BASED ON ROTATION

Bulletin No. 1 an outline of agricultural practices for Columbia County farms that has for its object economical production and to a certain extent the standardization of efficient farm practices adapted to our conditions.

1. Three Year Rotation—First year after clover—use an intertilled crop such as potatoes, corn, beans or roots.

Second year—grain.

Third year—clover, red or alsike  
2. Two Year Rotation — First year—grain.  
Second year—clover, red or alsike  
If to sell—use wheat and red clover in the rotation.  
If to feed—use barley and red clover in the rotation.  
If on poorly drained land—use gray oats and Alsike clover in 2 year rotation.  
If on the tide land in Clatskanie district—use oats and Alsike clover in the rotation—wheat and barley is not recommended.

CROP VARIETIES RECOMMENDED

(a) For Mellow or Well Drained Soils

| Crop            | Variety              | Time                | Rate of       |
|-----------------|----------------------|---------------------|---------------|
| Fall Sown Wheat | White Winter or Rink | Sept. 15 to Oct. 15 | 6 to 8 pks    |
| Barley          | O. A. C. No. 7       | Sept. 15 to Oct. 15 | 2 bushels     |
| Oats            | Gray Winter          | Sept. 15 to Oct. 15 | 2 1/2 bushels |

(b) For Heavy or Less Well Drained Soils

| Crop            | Variety          | Time                | Rate of       |
|-----------------|------------------|---------------------|---------------|
| Fall Sown Wheat | Folsie or Kinney | Sept. 15 to Oct. 15 | 6 to 8 pks    |
| Oats            | Gray Winter      | Sept. 15 to Oct. 15 | 2 1/2 to 3 bu |
| Wheat           | Minnesota No. 3  | Sept. 15 to Oct. 15 | 1 1/2 to 2 bu |

Soil Preparation.

After corn or potatoes—disc.  
After grain or clover—dry plow to 8 inches deep.  
All plowing possible should be done in the fall.  
Avoid excessively fine seed bed.  
Do not work ground when wet.  
Sow clover in February broadcast.  
Treat all grain for smut before seeding.  
Vetch and oats should be seeded September 15 to October 15.  
It is a good practice to take up and burn all potato tops to prevent the spread or hold-over of any disease that may be present.

Rotation systems of farming are recommended to increase or maintain soil fertility.

Cover crops consisting of fall sown rye, rye and vetch, or vetch and oats should be used and plowed under the following spring—this is especially valuable preceding a potato crop when rotations are not practiced.

This is the first of a series of bulletins that will be issued in proper season to assist in putting a definite system of farm practices into effect, other agencies to be community organizations working through project leaders, etc.

CALL FOR BIDS.

Bids will be received for the construction of a cement sidewalk in front of the St. Helens Co-Operative Creamery. Plans and specifications are on file at the office of the company. The right is reserved to reject any or all bids. Bids must be submitted on or before August 16, 1922.  
St. Helens Co-Operative Creamery Association. 3412

**PERRY GRANITE CO.**  
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The Sweetness of Low Price  
Never Equals the Bitterness of Poor Quality

SUMMONS.

In the Circuit Court of the State of Oregon for Columbia County.  
Maud May Frick, Plaintiff,  
vs.  
Chas. D. Frick, Defendant.  
To Chas. D. Frick, Defendant:  
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 court and cause, on or before Tuesday, September 19, 1922, said date being after the expiration of six weeks from the date of the first publication of this summons upon you in the St. Helens Mist, the date of the first publication being Friday, July 28, 1922, and the date of the last publication being Friday, September 8, 1922, and you will please take notice that if you fail so to appear and answer said complaint, for want thereof the plaintiff will apply to the court for the relief prayed for in her complaint, to-wit:

For a decree dissolving the marriage and marriage contract now and herebefore existing between plaintiff and defendant and awarding to plaintiff an absolute divorce from defendant and the care, custody and control of Mildred Patricia Frick, the minor child of plaintiff and defendant, and requiring defendant to pay to plaintiff the sum of Twenty-five and 00/100 Dollars (\$25.00) per month for the support, maintenance and education of Mildred Patricia Frick, and awarding to plaintiff a judgment for her costs and disbursements of the suit.

This summons is served upon you by publication thereof in the St. Helens Mist, a newspaper printed and published within Columbia County, Oregon, and of general circulation, pursuant to an order made and entered in the above entitled court and cause on the 26th day of July, A. D. 1922, by Honorable J. A. Eakin, Judge of the Circuit Court of the State of Oregon, for Columbia County, which order requires this summons to be published in the St. Helens Mist for a period of six consecutive and successive weeks beginning with the issue thereof dated Friday, July 28, 1922, and ending with the issue thereof dated Friday, September 8, 1922, and requires you to appear and answer the complaint filed in the above entitled court and cause on or before Tuesday, the 19th day of September, A. D. 1922.

Dated at St. Helens, Oregon, this 26th day of July, A. D. 1922.  
THOS. H. TONGUE, JR.,  
Attorney for Plaintiff  
Resident Attorney of State of Oregon, Postoffice Address, Commercial Block, Hillsboro, Oregon. 3317

Hot Weather Diseases.

Disorders of the bowels are extremely dangerous, particularly during the hot weather of the summer months, and in order to protect yourself and family against a sudden attack, get a bottle of Chamberlain's Colic and Diarrhoea Remedy. It can be depended upon. Many have testified to its excellence.

MILITARY ACADEMY STUDENTS GET CREDITS

PORTLAND, Ore., Aug. 3.—(Special to The Mist.)—The commanding officer of the Ninth Corps Area at San Francisco has sent communication to the Hill Military Academy of Portland in recognition of its military work, to the effect that H. M. A. students will receive credit for drill in the colleges or universities in the R. O. T. C.

This action was taken following orders from the war department, and was signed by Robert C. Davis, acting adjutant general. Captain Earl C. Flegel, U. S. A., has been assigned by the war department to conduct the military work of the academy as professor of military science and tactics.

Students will resume their drill immediately upon the opening of the fall session, September 18th.

VALUE RECEIVED.

When the average man goes to a dentist it is not usually for the sake of mere sociability.

"Did that man complain when you charged him for a broken appointment?" asked a friend of one tooth-yanker—oh, yes, dentists do have friends.

"No," replied the latter. "He said breaking an appointment with me is worth every cent it costs."

MEATS OF FINE FLAVOR

Tender meats that lack flavor do not represent the best meats that money can buy. Our meats combine tenderness and fine flavors because we secure our beef from sources that guarantee this combination to us. A fresh stock of all kinds of Steaks, Chops, Roasts, Poultry and Beef on hand at all times; also a full line of groceries.

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There's a Fisk Tire of extra value in every size, for car, truck or speed wagon



NOTICE OF FINAL ACCOUNT.

In the County Court of the State of Oregon, for the County of Columbia.  
In the Matter of the Estate of Michael Pieter, Deceased.  
Notice is hereby given that the undersigned, as Administratrix of the estate of Michael Pieter, deceased, has filed her final account in the County Court of the State of Oregon for Columbia County, and that Monday, the 28th day of August, 1922, at the hour of 9:30 o'clock in the forenoon of said day and the court room of said Court has been appointed by said Court as the time and place for hearing of objections thereto and the settlement thereof.  
Dated and first published July 28, 1922.

MARGARET PIETER, Administratrix of the Estate of Michael Pieter, Deceased.  
Joseph, Hansy & Littlefield, Attorneys for Administratrix.

NOTICE TO CREDITORS.

In the County Court of the State of Oregon for Columbia County.  
NOTICE is hereby given that the undersigned has been appointed the administrator of the estate of W. M. Chapman, deceased, by the County Court of the State of Oregon for Columbia County, and has qualified. All persons having claims against said estate are hereby notified to present the same duly verified as by law required, to the undersigned at Room 17, Columbia County Bank Building, St. Helens, Oregon, within six months from the date hereof.  
Dated and first published July 21, 1922.

JOHN L. STORLA, Administrator.

NOTICE OF FINAL ACCOUNT.

In the County Court of the State of Oregon for Columbia County.  
In the Matter of the Estate of Eliza J. McLaren, Deceased.  
NOTICE is hereby given that the undersigned, as Administratrix of the estate of Eliza J. McLaren, deceased, has filed her final account in the County Court of the State of Oregon for Columbia County by the former administrator, E. H. Joseph, and that Saturday, the 26th day of August, 1922, at the hour of 11 o'clock in the forenoon of said day and the court room of said court has been appointed by said court as the time and place for the hearing of objections thereto and the settlement thereof.  
Dated and first published July 21, 1922.

MARGARET B. ROTH, Administratrix  
JOHN L. STORLA, Attorney. 32-5

NOTICE TO CREDITORS.

In the County Court of the State of Oregon, for Columbia County.  
Notice is hereby given that the undersigned has been appointed the administratrix of the estate of Esther Elliot, deceased, by the County Court of the State of Oregon, for Columbia County, and has qualified. All persons having claims against said estate are hereby notified to present the same duly verified as by law required, to the undersigned at Room 1, Columbia County Bank Building, St. Helens, Oregon, within six months from the date hereof.  
Dated and first published August 4, 1922.

MARGARET DUNLAP, Administratrix.  
J. W. DAY, Attorney. 3414  
Lenine has bought a farm. Serves him right.

SHOES--Men's and Women

Dress Patterns, Gingham, Waists and a complete line of Dry Goods and Notions, Hosiery and Shoes. We invite you to call and inspect our stock.

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