

FARM STOCK

PREVENT HORNS ON CALVES

Either Caustic Soda or Caustic Potash Without Other Substances is Satisfactory.

(Prepared by the United States Department of Agriculture.)

When circumstances are favorable, as in the case of farmers who build up their herds by raising the progeny, the horns may be prevented from growing by a simple and practically painless method, and the custom of preventing the growth of the horns is becoming more popular and more generally practiced under all conditions except in the case of calves dropped on the open range. The calf should be treated not later than one week after its birth, preferably when it is from three to five days old. The agent to be used may be either caustic soda or caustic potash, both of which may be procured in the drug stores in the form of sticks about the thickness of an ordinary lead pencil and 5 inches long. These caustics must be handled with care, as they dissolve the cuticle and may make the hands or fingers sore. The preparation of the calf consists in first clipping the hair from the parts, washing clean with soap and warm water, and thoroughly drying with a cloth or towel. The stick of caustic should be wrapped in a piece of paper to protect the hands and fingers, leaving one end of the stick uncovered.

Molten the uncovered end slightly and rub it on the horn buttons or little points which may be felt on the calf's head, first on one and then the other, alternately, two or three times on each, allowing the caustic to dry after each application. Be very careful to apply the caustic to the horn button only. If it is brought in contact with the surrounding skin it will cause pain. Be very careful also not to have too much moisture on the stick of caustic, as it will remove the skin if allowed to run down over the face. After treatment, keep the calf protected from rain, as water on the head after the application of caustic will cause it to run down over the face. This must be carefully avoided.

Either caustic soda or caustic potash alone, without the admixture of other substances, answers the purpose satisfactorily. Some years ago, however, certain preparations or "leehorn compounds," composed largely of one or the other of these caustics, were generally used, and as inquiries are still occasionally received concerning such preparations, the following formula is given: Combine in an emulsion 50 per cent of caustic soda,



Custom of Preventing Growth of Horns is Becoming More Popular.

25 per cent of kerosene, and 25 per cent of water. The caustic soda is dissolved in the water and heated to the boiling point, then removed from the fire, and the kerosene added gradually, while the mixture is vigorously stirred. This emulsion is applied in very much the same manner as the stick caustic, except that it is necessary to employ a short, stiff brush. Sometimes a meat skewer is used, the large end being mashed to form a stubby brush. Two or three applications should be made to each horn button, as in the case of the stick caustic, with intervals to allow it to dry.

In the very young calf the horn button, or point that will ultimately develop into a horn, has scarcely any attachment to the skull, and may be felt as a small button embedded in the skin. In this early stage it may be easily removed with a sharp knife or a pair of curved scissors, but even then caustics should be applied to kill any remaining cell life belonging to this germ point; otherwise there may be some subsequent irregular horn growth, which is more or less of a disfigurement.

SHIPPING SWINE IN SUMMER

Proper Care Should Be Taken Not to Load Too Heavily—Most Common Cause of Loss.

When shipping hogs in warm weather care should be taken not to load too heavily. Too heavy loading is one of the most common causes of loss in shipments of hogs.

NOTICE OF ELECTION

IN THE COUNTY COURT OF THE STATE OF OREGON FOR UMATILLA COUNTY.

In the Matter of the Organization of the Hermiston Irrigation District.

Notice is hereby given that an election will be held at the U. S. Reclamation Service Office in Hermiston, Oregon, within the proposed Hermiston Irrigation District in Umatilla County, Oregon, on the 15th day of December, 1919, between the hours of 8:00 o'clock in the morning and 8 p. m. of said day, for the purpose of determining whether or not the said proposed Hermiston Irrigation District shall be organized under the provisions of Chap. 357, General Laws of Oregon, 1917, and Acts amendatory thereof. The electors within said District shall be required to cast ballots at said election which shall contain the words "Irrigation District, Yes," and "Irrigation District, No," and also the names of such electors as shall be nominated to be voted for at such election; and three directors shall be elected by the District at large, and that the County Court has appointed H. M. Sommerer and Thomas Campbell and E. L. Jackson as an election board of Judges for the purpose of said election; that the boundaries of said District established for the purpose of said election are as follows:

Beginning at a point on the west line of Section 3, Tp. 4 N. R. 28 E. W. M., where the south boundary line of the right of way of the "A" canal of the Umatilla project as now permanently located and constructed by the U. S. Reclamation Service intersects the west line of said Section 3, at a point southerly 385 feet, more or less, from the northwest corner of the SW 1/4 of NW 1/4 of said Section 3; thence running in a southerly and westerly direction along the said boundary line of the right of way of said "A" canal a distance of .86 miles, more or less, to the east line of the SW 1/4 of SW 1/4 of Sec. 20 in Tp. 4 N. R. 28 E. W. M., at a point distant 290 feet, more or less, and in a northerly direction from the southeast corner of the said SW 1/4 of SW 1/4 of said Section 20; thence running in a southerly direction 290 feet, more or less, to the said southeast corner of the SW 1/4 of SW 1/4 of said Sec. 20; thence running along the south line of Sections 20 and 19, Tp. 4 N. R. 28 E. W. M., in a westerly direction to the southwest corner of the SE 1/4 of SE 1/4 of said Section 19; thence running in a southerly direction along the east line of the NW 1/4 of NE 1/4 of Sec. 30, Tp. 4 N. R. 28 E. W. M. 1200 feet more or less to a point on the east bank of the Umatilla river; thence running in a northerly direction along the east bank of the Umatilla river eight miles, more or less, to the north boundary of Section 4, Tp. 4 N. R. 28 E. W. M. to a point westerly and distant 290 feet, more or less, from the Northwest corner of the NE 1/4 of NE 1/4 of said Section 4 and at the southeast corner of the Government Reserve for the Three Miles Falls diversion dam on said river; thence running in a northerly direction along the east boundary line of said Reserve two miles, more or less, to a point on the south boundary line of Section 21, Tp. 5 N. R. 28 E. W. M. westerly and distant 670 feet more or less from the Southwest corner of the SE 1/4 of SW 1/4 of Section 21; thence running in a westerly direction along the south boundary line of Section 21 to a point on the north boundary line of the Government reserve westerly and distant 760 feet, more or less, from the said southwest corner of the SE 1/4 of SW 1/4 of said Section 21, Tp. 5 N. R. 28 E. W. M.; thence running in a northerly direction along the east boundary line of the Umatilla river to the northwest corner of the said Section 21; thence running in an easterly direction along the north boundary line of the said Section 21, 2640 feet, more or less, to the southwest corner of the SE 1/4 of Section 16, Tp. 5 N. R. 28 E. W. M.; thence running in a northerly direction along the east boundary line of Section 16, 660 feet, more or less, to the northwest corner of the S 1/4 of SW 1/4 of NW 1/4 of Section 15, Tp. 5 N. R. 28 E. W. M.; thence running in an easterly direction along the north line of the said S 1/4 of SW 1/4 of NW 1/4 of said Section 15, 1320 feet, more or less, to the northeast corner of the said S 1/4 of SW 1/4 of NW 1/4 of said Section 15; thence running in a northerly direction along the west line of the SE 1/4 of NW 1/4 of said Section 15, 660 feet, more or less, to the northwest corner of the SE 1/4 of NW 1/4 of said Section 15; thence in an easterly direction along the north line of the said SE 1/4 of NW 1/4 of said Section 15, 1320 feet, more or less, to the northeast corner of the said SE 1/4 of NW 1/4 of said Section 15; thence in a southerly direction along the east line of the said SE 1/4 of NW 1/4 of said Section 15, 660 feet, more or less, to the north boundary of the right of way of Lateral "O" of the Umatilla project as now permanently surveyed and constructed by the U. S. Reclamation Service; thence running in an easterly and southerly direction along said boundary line of the right of way of the said Lateral "O", a distance of 2.33 miles, more or less, to the north line of the S 1/4 of Section 24, Tp. 5 N. R. 28 E. W. M. at a point distant 360 feet, more or less, and in an easterly direction from the center of said Section 24; thence along the center line of the said Section 24 and the Section 19, Tp. 5 N. R. 28 E. W. M. 7560 feet, more or less, to the northeast corner of the SE 1/4 of the said Section 19; thence southerly along the east line of the said SE 1/4 of said Section

19, 2640 feet, more or less, to the southeast corner of said Section 19; thence easterly along the north line of Section 29, Tp. 5 N. R. 29 E. W. M. 2640 feet, more or less, to the northeast corner of the NW 1/4 of said Section 29; thence southerly along the center line of said Section 29 a distance of 2640 feet, more or less, to the center of said Section 29; thence easterly along the north line of the SE 1/4 of the said Section 29, 2640 feet, more or less, to the northeast corner of the said SE 1/4 of said Section 29; thence northerly along the west line of the NW 1/4 of NW 1/4 of said Section 28, Tp. 5 N. R. 29 E. W. M. 1320 feet, more or less, to the northwest corner of the said SW 1/4 of NW 1/4 of said Section 28; thence easterly along the north line of the S 1/4 of NW 1/4 of said Section 28, 2640 feet, more or less, to the northeast corner of the said S 1/4 of NW 1/4 of Section 28; thence northerly along the west line of the NW 1/4 of NE 1/4 of said Section 28 1320 feet, more or less, to the northeast corner of the said NW 1/4 of NE 1/4 of said Section 28; thence easterly along the north line of the NW 1/4 of NE 1/4 of said Section 28, 1320 feet, more or less, to the northeast corner of the said NW 1/4 of NE 1/4 of said Section 28; thence northerly along the east line of the SE 1/4 of SE 1/4 of Section 21, Tp. 5 N. R. 29 E. W. M., 1320 feet, more or less, to the northwest corner of the SE 1/4 of SE 1/4 of said Section 21; thence easterly along the north line of the said SE 1/4 of SE 1/4 of said Section 21 and the north line of the S 1/4 of Section 22, Tp. 5 N. R. 29 E. W. M. and the north line of the S 1/4 of SW 1/4 of Section 23, Tp. 5 N. R. 29 E. W. M. 1.75 miles, more or less, to intersect the half section line running north and south through the center of Section 23 in said township at the northeast corner of SE 1/4 of SW 1/4 of said Section 23; thence running in a southerly direction on said north and south center lines a distance of 1.5 miles, more or less, to the northwest corner of the SW 1/4 of NE 1/4 of Section 35, in said township; thence easterly along the north line of said SW 1/4 of NE 1/4 and along the north line of the S 1/4 of NE 1/4 of said Section 35 and continuing along the north line of the S 1/4 of N 1/2 of Section 36, in said township, and along the north line of the S 1/2 of N 1/2 of Section 31 in Tp. 5 N. R. 30 E. W. M. to the east line of said Section 31; thence southerly a distance of three-quarter miles, more or less, to the southeast corner of said Section 31; thence in a westerly direction along the south line of said Section 31 a distance of one mile, more or less, to the northeast corner of Section 1, Tp. 4 N. R. 29 E. W. M.; thence in a southerly direction along the east line of said Section 1 and along the east line of Section 12, in said last named township, a distance of 1.75 miles, more or less, to the northeast corner of the SE 1/4 of SE 1/4 of Section 12; thence in a westerly direction one-quarter mile, more or less, to the southeast corner of SW 1/4 of NW 1/4 of said Section 12; thence northerly along the east line of said SW 1/4 of NW 1/4 a distance of one-quarter mile, more or less, to the northeast corner of said SW 1/4 of NW 1/4; thence in a westerly direction along the north line of said SW 1/4 of NW 1/4 a distance of one-quarter mile, more or less, to the southeast corner of the NE 1/4 of NE 1/4 of Section 11, in said township; thence northerly one-quarter mile, more or less, to the northeast corner of said Section 11; thence in a westerly direction along the north line of said Section 11 and along the north line of Section 10, in said township, a distance of two miles, more or less, to the southwest corner of Section 3 in said Township 4 N. R. 29 E. W. M.; thence northerly along the west line of said Section 3, a distance of 3575 feet, more or less, to intersect the south boundary line of the "A" canal right of way, the place of beginning.

EXCEPTIONS
Saving and excepting the following described tracts of land lying within the above described boundary, to-wit:
In Township 4 N. R. 28 E. W. M.
All of the NE 1/4 of SE 1/4 of Section 10, and all of the N 1/2 of SW 1/4 of Section 11, being a part of the City of Hermiston.

All that portion of the NW 1/4 of Section 10 lying within and above the present located and constructed laterals of the "D" line system surrounding the Hermiston Butte.
In Township 5 N. R. 28 E. W. M.
All of the SW 1/4 of Section 27, all of the SE 1/4 of Section 27 lying west of the boundary line of the right of way of the R-J and R-H laterals and all of the NW 1/4 of Section 27 lying south and west of the south and west boundary of the right of way of the R-H lateral; all of the E 1/2 of E 1/2 of Section 28 and all of the W 1/2 of E 1/2 of Section 28 lying south and east of the right of way of the R lateral; all of the E 1/2 of E 1/2 of Section 21 and all of the E 1/2 of E 1/2 of W 1/2 of NE 1/4 of Section 21, the above tracts known as the "Umatilla Buttes."

This notice is published pursuant to an order of the County Court of Umatilla County, Oregon, made and entered on the 6th day of November, 1919, and the same shall be published once each week for at least four consecutive weeks, prior to Monday, December 15, 1919.
Witness my hand and the seal of said Court affixed, this 6th day of November, 1919.
(SEAL) R. T. BROWN,
County Clerk.

NOTICE OF SCHOOL MEETING

Notice is hereby given to the legal voters of School District No. 14 of Umatilla County, State of Oregon, that a School Meeting of said district will be held at the School House on the 24th day of November, 1919, at 3:30 o'clock in the afternoon, to vote on the proposition of levying a special district tax, and buying additional school play grounds.

The total amount of money needed by the district during the fiscal year beginning on June 16th, 1919, and ending on June 15th, 1920, is estimated in the following budget and includes the amounts to be received from the county school fund, state school fund, special district tax, and all other moneys of the district:

BUDGET	
ESTIMATED EXPENDITURES	
Teachers' salaries	\$ 9,324
Furniture and teachers supplies	400
Library books	100
Plugs	15
Repairs of schoolhouses, out-buildings or fences	400
Transportation of pupils	1,800
Tanitor's wages	1,140
Tanitor's supplies	200
Fuel	500
Light and power	250
Water	150
Clerk's salary and bond	145
Postage and stationery	35
For the payment of bonded debt and interest thereon, issued under Sections 117, 144 to 148, and 422 of the School Laws of Oregon, 1917	2,580
Interest on warrants	600
Printing of notices	50
Insurance	216
Purchase of additional school grounds	800
Total estimated amount of money to be expended for all purposes during the year	\$18,705
ESTIMATED RECEIPTS	
From county school fund during the coming school year	\$2,953
From state school fund during the coming school year	570
Estimated amount to be received from all other sources during the coming school year	1,600
Total estimated receipts, not including the monies to be received from the tax which it is proposed to vote	\$5,123

RECAPITULATION
Total estimated expenses for the year \$18,705
Total estimated receipts, not including the tax to be voted 5,123
Balance, amount to be raised by district tax \$13,582
The amount of the special tax is more by six per cent than the amount raised the year immediately preceding, because:
All salaries have been advanced.
All supplies have greatly increased in price.
It seems expedient to purchase additional grounds while the same are available adjacent to the present school.
Dated this 30th day of October, 1919.
C. S. McNaught,
Chairman Board of Directors.
V. E. J. Kingsley,
District Clerk.

SUMMONS
In the Justice's Court for Hermiston District, County of Umatilla, State of Oregon.
J. W. McDermed, Plaintiff, vs. James Brown, Defendant.
Jo James Brown:
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 action within seven days of the date of service of this summons upon you.
And you will take notice that if you fail to appear and answer or plead within said time, the plaintiff, for want thereof, will take judgment against you for \$32.55, and for plaintiff's costs and disbursements of this action.
Dated at Hermiston, Oregon, this 4th day of April, 1919.
E. P. Dodd,
Justice of the Peace.

This Summons is published pursuant to an order of the above entitled court made and entered on the 10th day of October, 1919, and defendant will be required to appear and answer within six weeks from the date of the first publication of this summons, to-wit, October 11, 1919.
J. T. Hinkle,
Attorney for Plaintiff.
Address: Hermiston, Oregon.
First Publication Oct. 11, 1919.
Last Publication November 22, 1919.

Notice of Publication
Department of the Interior, U. S. Land Office at La Grande, Oregon, Oct. 18, 1919.
Notice is hereby given that Arthur W. Purdy, of Hermiston, Oregon, who, on October 3, 1904, made Desert Land Entry, No. 02134 (old No. 446), for N 1/2 SW 1/4, Section 19, Township 5 N., Range 29 E., Willamette Meridian, has filed notice of intention to make final proof to establish claim to the land above described, before W. J. Warner, U. S. Commissioner, at Hermiston, Oregon, on the 3rd day of December, 1919.
Claimant names as witnesses: Frank B. Swayze, H. Thomas Fraser, Charles W. LaBarre, Andrew McMillan, all of Hermiston, Oregon.
C. S. DUNN, Register.

Notice of Final Account
Notice is hereby given that Nettie E. Barham, executrix of the estate of John C. Barham, has filed her final report and account in the County court of the State of Oregon for Umatilla County, and the Judge of said Court, by an order made and entered on the 16th day of October, 1919, has fixed Monday, the 17th day of November, 1919, at the hour of ten o'clock A. M. as the time, and the County Court room in the Court House in Pendleton, Oregon, as the place, for hearing and settling said account. Any heir, creditor, or other person interested in said estate may, on or before the day appointed for such hearing and settlement, file his objections thereto, or any particular item thereof.
Dated at Hermiston, Oregon, this 17th day of October, 1919.
Nettie E. Barham, Executrix.
J. T. Hinkle, Attorney.
First publication Oct. 18, 1919.
Last publication Nov. 15, 1919.

The Man in the Dark

"You have 72 hrs. to wind up yure affairs and leave. If you ar still here then, your deth is on your own hed." Such was the night-riders' threat to the county agricultural agent in Albert Payson Terhune's great new story beginning next week in

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Notice of Publication
Department of the Interior, U. S. Land Office at La Grande, Oregon, Oct. 18, 1919.
Notice is hereby given that William C. Kik, assignee of Thomas J. Coffman, of Hermiston, Oregon, who, on November 23, 1904, made Desert Land Entry (old No. 453, Serial No. 02272), No. 010089, for N 1/2 SW 1/4, Section 23, Township 5 N., Range 28 E., Willamette Meridian, has filed notice of intention to make final proof, to establish claim to the land above described, before W. J. Warner, U. S. Commissioner, at Hermiston, Oregon, on the 4th day of December, 1919.
Claimant names as witnesses: Theodore C. Parks, William J. Dobler, William T. Roberts, Smith S. Palmer, all of Hermiston, Oregon.
C. S. DUNN, Register.

Notice of Publication
Department of the Interior, U. S. Land Office at La Grande, Oregon, Oct. 18, 1919.
Notice is hereby given that Sue D. Dobler, assignee of Sherry C. Bravinder, assignee of William F. Bingham, of Hermiston, Oregon, who, on February 27, 1905, made Desert Land Entry (old No. 477, Serial No. 02442, for N 1/2 NW 1/4, Section 22, SE 1/4 SW 1/4, Section 15, Township 5 N., Range 28 E., Willamette Meridian, has filed notice of intention to make final proof, to establish claim to the land above described, before W. J. Warner, U. S. Commissioner, at Hermiston, Oregon, on the 5th day of December, 1919.
Claimant names as witnesses: L. Leulen Brownell, William T. Roberts, both of Umatilla, Oregon, William C. Kik, Theodore C. Parks, both of Hermiston, Oregon.
C. S. DUNN, Register.

Notice of Publication
Department of the Interior, U. S. Land Office at La Grande, Oregon, Oct. 18, 1919.
Notice is hereby given that Wilbur S. Egbers, assignee of Thomas J. Coffman, of Hermiston, Oregon, who, on Nov. 23, 1904, made Desert Land Entry (old No. 453) Serial No. 02272, for S 1/2 SE 1/4, S 1/2 SW 1/4, Section 23, Township 5 N., Range 28 E., Willamette Meridian, has filed notice of intention to make final proof, to establish claim to the land above described, before W. J. Warner, U. S. Commissioner, at Hermiston, Oregon, on the 6th day of December, 1919.
Claimant names as witnesses: Smith S. Palmer, William T. Roberts, Anthony F. Drolshagen, Theodore C. Parks, all of Hermiston, Oregon.
C. S. DUNN, Register.

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Notice of Publication
Department of the Interior, U. S. Land Office at La Grande, Oregon, Oct. 18, 1919.
Notice is hereby given that William C. Kik, assignee of Thomas J. Coffman, of Hermiston, Oregon, who, on November 23, 1904, made Desert Land Entry (old No. 453, Serial No. 02272), No. 010089, for N 1/2 SW 1/4, Section 23, Township 5 N., Range 28 E., Willamette Meridian, has filed notice of intention to make final proof, to establish claim to the land above described, before W. J. Warner, U. S. Commissioner, at Hermiston, Oregon, on the 4th day of December, 1919.
Claimant names as witnesses: Theodore C. Parks, William J. Dobler, William T. Roberts, Smith S. Palmer, all of Hermiston, Oregon.
C. S. DUNN, Register.

LODGE DIRECTORY
QUEEN ESTHER CHAPTER No. 101, O. E. S. meets second Tuesday evening of each month at 8:00 sharp in Mack's hall. Visiting members welcome.
Estella A. Hitt, W. M.
Kathryn L. Garner, Sec.
HERMISTON LODGE No. 138, A. F. & A. M. meets in Masonic Hall on First Tuesday evening of each month. Visiting brethren welcome.
H. K. Dean, Secy. J. H. Young, W. M.

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