

# THE SHORTHORN FOR MILK AND BEEF.

From the beef producing days of the range to modern dairy practice is a long step, and it has taken our farmers years to learn that there is any good in a strictly dairy bred animal, says the Kansas Farmer. A gradual change from beef to milk was insured in several ways. The argument used for the Holstein was that when her milking days were over she would furnish a large carcass for the butcher. This did not prove satisfactory, and the dual purpose breeds became popular. From these many men have developed milking animals, while others have developed beef, the breed being capable of both.

Efforts were then made to develop the milking ability of the Shorthorn which is inherent in the breed, but which had not been developed in America as in England. This has resulted so satisfactorily that the champions of the Shorthorn breed of cattle now go so far as to claim that they are the real dual purpose animals or, rather, that they are the all purpose animals. By careful breeding and se-



The Shorthorn is probably the most widely distributed breed of cattle. This has arisen chiefly from the readiness with which it amalgamates with other breeds. Its great aptitude to fatten and to the fact that by using Shorthorn bulls for the crossing of other breeds the crosses so produced inherit the early maturity of the sire, attain greater weights than cattle of the breed to which the cows belong usually arrive at, and if the latter possess any marked superiority in respect to quality of meat the characteristic is still retained by the cross bred produce. The Shorthorn bull shows in an English prize winner.

lection breeders of other beef breeds have succeeded in producing great milkers as well, and it is not claimed that the Shorthorn is the only beef bred animal that is capable of satisfactory milk production. It is claimed, however, that the Durham cow of England is the dairy cow in certain districts and that she has inherited perhaps more than any other cow of the beef breeds the milk producing tendency.

Hereford cows have made good records as milk producers when care and selection have been practiced to this end. Angus cows have equally good records, and some of them may have been equal in performance to the Shorthorns of which records have been kept. There does not seem to be, however, any special milking history behind the beef breeds of today other than the Shorthorn.

From a paper recently read by William Ernst of Nebraska we excerpt the following:

"I want to state the fact that in order to produce large milking Shorthorns we have not been compelled to sacrifice either the size or the easy feeding qualities of our herd. Our cows weigh in ordinary flesh from 1,500 to 1,600 pounds, and most of them hold their flesh remarkably well during the heavy flows of milk.

"It is a well known fact that the milking habit is one which may be dormant if neglected and which is yet susceptible of cultivation to a remarkable degree. At present a large portion of Shorthorn breeders devote their attention rather to the development of the feeding and fleshing qualities of their stock at the expense of the milk making proclivities. This is a point which needs attention. It is a well known fact that the best milkers, as a rule, prove the best mothers, rear the best calves and thus become the most reliable sources of profit in the herd. A typical Shorthorn cow requires no 'wet nurse' for her calf, and by a judicious system of selection and management any good breeding herd may become noted for its milk as well as for its beef. In this fact lies the chief glory of the Shorthorn."

**Advantage of Fall Calves.**  
Calves dropped in the fall always do better than those born in the spring. One of the principal reasons for this is that there is more time to devote to their care during the winter. Calves born in the fall are given a ration consisting of milk and dry feeds, which are less likely to cause scours and other diseases prevalent when they are on grass and allowed to overfeed and the time to care for them is limited. The fall calf is also old enough to take care of itself by spring, when the field work becomes heavy and the flies troublesome.

**Cow Profits.**  
The profit to a cow comes from the extra amount of milk she will yield over what she ordinarily gives on common pasture or the coarse feeds usually given her.

**Ozone and Air Sewage.**  
Ozone is a particularly active or concentrated form of oxygen. One molecule of oxygen contains two atoms; a molecule of ozone contains three atoms. As only two atoms of oxygen balance harmoniously in a molecule when there are three of them together in a molecule the third atom will cut loose and seek a union elsewhere. The oxygen atom has a remarkable affinity for carbon, of which decaying organic matter is a common form, and as the greater part of the organic matter in the air is in process of decay the third atom at once attacks and oxidizes it, burning it up.—Cassier's Magazine.

**A Ship's Speed.**  
A ship's speed is reckoned by knots, a knot being a geographical mile or one-eighth of a degree. Six geographical miles are about equal to seven statute miles, and a ship that sails twelve knots therefore is really moving at the rate of fourteen statute miles an hour. It should be remembered that it is incorrect to say so many "knots an hour," simply so many knots, for a knot means "one mile an hour."

**Lots to Learn.**  
"I have just been talking to a youth who claims to have done everything."  
"Has he ever wrapped a motorcar around a telegraph pole at 3 o'clock in the morning?"  
"I think not."  
"Then he has a great deal to learn."—Birmingham Age-Herald.

**Life's Mysteries.**  
Stick to the ideal and bug the unexplained. The people who have solved the riddle of the universe at fifteen are towed over by the sulgms of their work at fifty.

When you have spoken the word it reigns over you; when it is unspoken you reign over it.—Arabic Proverb.

All pain must be to teach some good to the end.—Browning.

**NOTICE OF FINAL SETTLEMENT.**  
In the County Court of the State of Oregon for the County of Crook. In the matter of the estate of Mabel Hobbs, deceased.

Notice is hereby given by the undersigned, the duly appointed, qualified and acting administrator of the estate of Mabel Hobbs, deceased, that he has made and filed with the County Clerk of Crook County, Oregon, his final account as administrator of the estate of Mabel Hobbs, deceased, asking that said final account be settled and allowed and the administrator and his bondsmen released; and said County Court has set Monday, the 4th day of November, 1912, at 10 o'clock a. m. at the Court Room in Prineville, Oregon, as the time and place at which any person interested in said estate may appear and object to the allowance of said final account.

GEORGE HOBBS, Administrator of the estate of Mabel Hobbs, deceased.  
VERNON A. FORBES, Attorney for Administrator 25-33

**NOTICE FOR PUBLICATION.**  
Department of the Interior, U. S. Land Office at The Dalles, Oregon, September 10th, 1912.

Notice is hereby given that Nancy E. Lowell, of Bend, Oregon, who, on December 1st, 1906, made Desert Land Entry, No. 653, Serial No. 92122, for ne 1/4, sec. 23 and nw 1/4 sw 1/4, w 1/4 nw 1/4, Section 24, Township 18 South, Range 12 East, Willamette Meridian, has filed notice of intention to make final proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at his office at Bend, Oregon, on the 26th day of October, 1912.

Claimant names as witnesses: Ralph A. Dunn, William F. McNaught, Lucius S. Riekard and Frank A. Shireman, all of Bend, Oregon.  
C. W. MOORE, Register.

**NOTICE FOR PUBLICATION.**  
Department of the Interior, U. S. Land Office at The Dalles, Oregon, September 4th, 1912.

Notice is hereby given that Peter Seggeling, of Bend, Oregon, who, on October 28th, 1907, made homestead entry No. 15751, Serial No. 91788, for ne 1/4, Section 27, Township 20, South, Range 11 East, Willamette Meridian, has filed notice of intention to make final five year proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at his office at Bend, Oregon, on the 29th day of October, 1912.

Claimant names as witnesses: John Peters, William P. Vandevent, John Usher and William T. Vandevent, all of Bend, Oregon.  
C. W. MOORE, Register.

**SUMMONS.**  
In the Circuit Court of the State of Oregon, for the County of Crook. Central Oregon Irrigation Company, a corporation, Plaintiff, vs. Frank Stevens and S. L. Dew and Desert Land Board of Oregon, Defendants.

To Frank Stevens and S. L. Dew, Defendants.  
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 suit within six weeks from the day of the first publication of this summons and if you fail to appear and answer, for want thereof, the plaintiff will apply to the Court for the relief prayed for in complaint, to-wit: For the cancellation and setting aside of a certain contract, dated October 21, 1904, made between you and the Deschutes Irrigation and Power Company and assigned to said plaintiff, relating to the settlement of certain lands, and the purchase of water rights appurtenant thereto, situate in Crook County, Oregon, and for such other and further relief as may seem to the Court just and equitable.

This summons is served upon you by publication by authority of an order of the Hon. W. L. Bradshaw, Judge of the Circuit Court of the State of Oregon, for the County of Crook, and said order is dated the 12th day of September, 1912, and is

duly recorded and entered in said Court and suit.  
Date of first publication, September 18th, 1912.  
JESSE STEARNS, Attorney for the Plaintiff 28-34

**SUMMONS.**  
In the Circuit Court of the State of Oregon for the County of Crook. F. S. Harmon & Co. a corporation, Plaintiff, vs. Geo. R. Hope, Defendant.  
To Geo. R. Hope, above named Defendant.  
You are hereby required to appear and answer the complaint of the plaintiff filed against you in the above entitled action and Court within ten days from the service of this summons upon you, or if served within Crook County, State of Oregon; or if served within any other County within this State, then twenty days from the date of the service of this summons upon you; or if not served within the State of Oregon, then on or before Thursday, the 24th day of October, 1912. And you are hereby notified that if you fail to appear and answer for want thereof, the plaintiff will take judgment against you as prayed for in the complaint on file herein, to-wit: The plaintiff will take judgment against you for the sum of \$962.51, besides interest at the rate of 8 per cent per annum on \$868.73 from the 23rd day of March, 1912, and for the costs and disbursements of this action.

This summons is published in The Bend Bulletin, a newspaper of general circulation published at Bend, Crook County, State of Oregon, for six successive weeks commencing with the issue of September 11, 1912, and ending with the issue of October 23, 1912, by order of the Honorable H. C. Ellis, County Judge of Crook County, State of Oregon, made and entered on the 11th day of September, 1912.  
Dated and published first time September 11th, 1912.  
VERNON A. FORBES, Attorney for Plaintiff.

**SUMMONS.**  
In the Circuit Court of the State of Oregon for the County of Crook. The Deschutes Banking & Trust Co., Plaintiff, vs. Ralph Patterson, Mary Patterson, Jesse L. Sumrall and W. E. Guerin, Jr., Defendants.  
To W. E. Guerin, Jr., above named defendant.  
You are hereby required to appear and answer to the complaint of the plaintiff filed against you in the above entitled suit and court within ten days from the date of the service of this summons upon you, or if served within Crook County, State of Oregon; or if served within any other county within this state, then twenty days from the date of the service of this summons upon you; or if not

served within the State of Oregon, then on or before Thursday, the 24th day of Oct., 1912. And you are hereby notified that if you fail to appear and answer for want thereof the plaintiff will take decree of judgment against you for the relief prayed for in the complaint, to-wit: That the plaintiff have judgment against the defendants, Ralph Patterson and Mary Patterson, and each of them for the sum of \$62.00 with interest thereon at the rate of 10 per cent per annum from the 3rd day of December, 1910, until paid, and for the costs and disbursements, and for the further sum of \$50.00 as attorney fees, and for the costs and disbursements of this action, and for a decree and judgment to the effect that the mortgage, lien and interest of the defendants, Jesse L. Sumrall and W. E. Guerin, Jr., is subsequent to and subject to the lien, mortgage and interest of the plaintiff, and that said mortgage of the plaintiff be foreclosed according to law and the practice of this Court, and that the premises described therein, to-wit: The NW 1/4 of the SE 1/4 and the NE 1/4 of the SW 1/4 of Section 24, Township 11, South of Range 10, E. W. M., in Crook County, Oregon, together with the tenements, hereditaments there-

unto belonging, be sold by the Sheriff of Crook County, Oregon, in the manner provided by law and according to the practice of this Court, and that the proceeds of such sale be applied to the payment of said judgment herein prayed for, and that the over-plus, if any there be, be paid over to the persons legally entitled to the same. And that the defendants, and all persons claiming interest through or under them or either of them be forever barred and estopped from having or claiming any right, title or interest in or to the said premises. And for such further relief as the Court may deem proper in the premises.

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VERNON A. FORBES, Attorney for the Plaintiff.

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You are hereby required to appear and answer to the complaint of the plaintiff filed against you in the above entitled suit and court within ten days from the date of the service of this summons upon you, or if served within Crook County, State of Oregon; or if served within any other county within this state, then twenty days from the date of the service of this summons upon you; or if not

served within the State of Oregon, then on or before Thursday, the 24th day of Oct., 1912. And you are hereby notified that if you fail to appear and answer for want thereof the plaintiff will take decree of judgment against you for the relief prayed for in the complaint, to-wit: That the plaintiff have judgment against the defendants, Ralph Patterson and Mary Patterson, and each of them for the sum of \$62.00 with interest thereon at the rate of 10 per cent per annum from the 3rd day of December, 1910, until paid, and for the costs and disbursements, and for the further sum of \$50.00 as attorney fees, and for the costs and disbursements of this action, and for a decree and judgment to the effect that the mortgage, lien and interest of the defendants, Jesse L. Sumrall and W. E. Guerin, Jr., is subsequent to and subject to the lien, mortgage and interest of the plaintiff, and that said mortgage of the plaintiff be foreclosed according to law and the practice of this Court, and that the premises described therein, to-wit: The NW 1/4 of the SE 1/4 and the NE 1/4 of the SW 1/4 of Section 24, Township 11, South of Range 10, E. W. M., in Crook County, Oregon, together with the tenements, hereditaments there-

unto belonging, be sold by the Sheriff of Crook County, Oregon, in the manner provided by law and according to the practice of this Court, and that the proceeds of such sale be applied to the payment of said judgment herein prayed for, and that the over-plus, if any there be, be paid over to the persons legally entitled to the same. And that the defendants, and all persons claiming interest through or under them or either of them be forever barred and estopped from having or claiming any right, title or interest in or to the said premises. And for such further relief as the Court may deem proper in the premises.

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