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SHARPLES Tubular Cream Separators

These people paid good money for the machines they are discarding. Do you suppose they would change without good reason? They realize that Tubulars repeatedly pay for themselves by saving what others lose. Could there be a better reason for changing?

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The Tubular has done work equal to 100 years' service in a five to eight cow dairy at a total cost of only one dollar and fifteen cents for oil and repairs. Lasts a lifetime. Guaranteed forever by the oldest separator concern on this continent. Dairy Tubulars have no disks. Have twice the skimming force of others. Skim faster and twice as clean. Our local representative will gladly show you a Tubular. If you do not know him, ask us his name. Write for catalog No. 199



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THE SHARPLES SEPARATOR COMPANY,
Toronto, Ont. Winnipeg, Man.

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We have a large selection of IMPORTED ANGUS BULL CALVES and YEARLINGS for sale. Also a few heifers and cows. These cattle represent the most desirable blood lines and families of this breed in Scotland, and are an exceptional lot of fine individuals.

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This is an opportunity to introduce the best imported blood in your herd. Angus sires are noted for their prepotency, and thus are extremely desirable for improving and building up herds of grade cattle. You are cordially invited to inspect our herds and stock.

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Canada's greatest herd. Over 50 to select from. Bulls of all ages, females of all ages. Show stock a specialty. Anything in the herd is for sale. Foundation stock at very reasonable prices.

Long-distance phone. L. O. CLIFFORD, Oshawa, Ont.

Morrison Shorthorns and Tamworths

Present offering: A number of excellent 3-year-old heifers to calve in the fall, a number of heifer calves of best milking strains; also two bull calves. Will be sold reasonable. My TAMWORTHS are bred from the best blood in England; both sexes for sale, from 2 to 10 months old. Young sows, dandies, in farrow to first-class boars.

CHAS. CURRIE, Morrison, Ont.

Pleasant Valley Farm Shorthorns—Herd headed by Scottish Signet, and consisting of females of the leading Scotch families. Have for sale several good young bulls; also cows and heifers. Correspondence solicited. Inspection invited. Farm 11 miles east of Guelph, C. P. R., half mile from station. GEO. AMOS & SONS, MOFFAT, ONTARIO

Robert Miller, Stouffville, Ont. Can supply young bulls and heifers of the very best quality, of the best breeding, and of a very high class, at prices that you can afford to pay. The young bulls are by one of the greatest sons of Whitehall Sultan. They are good colors, and will make show bulls. I also have two good imported bulls at moderate prices and of choice breeding, and some cows and heifers in calf to Superb Sultan; the calves should be worth all the cows will cost. Some beautiful young imported Welsh Ponies still to spare. It will pay you to write, stating what you want. Glad to answer inquiries or show my stock at any time. Business established 74 years.

ELMHURST SCOTCH SHORTHORNS AND LARGE ENGLISH BERKSHIRES
H. M. VANDERLIP, Importer and Breeder, Cainsville, Ont. Langford Sta. Brantford & Hamilton Radial in sight of farm. Bell phone.

Salem Shorthorns I am offering a number of heifers, different ages, for sale. They are bred in the purple and should interest any body in search of the right kind.
J. A. WATT, SALEM, ONT., ELORA STATION.

Springhurst Shorthorns and Clydesdales I am now offering a number of heifers from 10 months to 3 years of age. Anyone looking for show material should see this lot. They are strictly high-class, and bred on show lines. Also several Clydesdale fillies, imp. sires and dams, from foals 2 years of age off. Harry Smith, Hay Ont., Exeter Sta.

QUESTIONS AND ANSWERS. Miscellaneous.

FEED FOR YOUNG HOGS.

Which is the cheapest feed for young hogs (from weaning time), wheat 75c to 80c. per bushel, or middlings at \$22 to \$23 per ton, farmer having mill to do his own grinding? J. D. M.

Ans.—This depends on the quality of the middlings to some extent, but if they were of good quality they would likely be the cheapest feed, because young pigs would do better on them than on wheat. Good middlings contain about half as much again digestible protein as wheat, about a third less digestible carbohydrates, and three times as much fat by weight. They are generally found to give better results as a feed for young stock than whole wheat.

TWO COMMON MEADOW WEEDS.

Enclosed find two specimens of weeds growing in a clover field. What are they, and are they dangerous? J. F. M.

Ans.—No. 1 is buckhorn, or narrow-leaved plantain, a very common weed in clover and meadow fields. Sow clean seed, practice short rotation of crops. It is easily kept under control by hoed crops.

No. 2 is wild carrot, a somewhat objectionable weed in waste places along roadsides, in old meadows, and occasionally in cultivated fields. Breaking up the meadows and putting the field under a regular short crop rotation will suppress it.

UMBILICAL HERNIA.

We have a colt three months old which has umbilical hernia the size of a duck egg. I had noticed in a former "Farmer's Advocate" (which has been misplaced) a remedy for this. It mentioned some kind of a pitch, and it is the remedy I would like to try. G. T. W.

Ans.—Apply a truss or bandage with an elevation about the size of half a baseball on it. Apply so that the elevation presses upon the rupture and keeps it in place. Arrange truss with straps passing forward and attached to a strap around the colt's neck, so as to prevent slipping backwards. If this does not effect a cure, get your veterinarian to operate. In most cases nature effects a cure, and it would probably be wise to leave it alone until cold weather. A Burgundy pitch plaster about six inches square has been recommended. It is made by spreading the pitch on a piece of moleskin. Split a cork in two lengthwise, put one-half flat side down on the center of the plaster, and, after warming, apply it to the part with the round side of the cork against the opening. Iron the plaster with a hot smoothing iron to insure perfect adhesion.

FEEDING VALUE OF BUCKWHEAT.

Have two small fields of buckwheat which I sowed for plowing down, but now purpose leaving to ripen for crop, and have heard varying reports as to feeding value of both grain and straw.

1. What would be the feeding value of buckwheat straw to cut and mix with ensilage?
2. How does the grain compare with barley or peas for feeding to pigs or cows?
3. Would it be a profitable pasture crop if stock were turned into it now, when it is still quite green? P. E. R.

Ans.—1. Buckwheat straw has a composition much like that of wheat straw, but it is a little higher in digestible protein and fibre than wheat straw. It is so fibrous that it is not of high value as a stock food, and would be of indifferent value as silage.

2. The feeding value of the grain per 100 lbs. is from 75 to 80 per cent. that of peas, and nearly equal to that of barley, being a little lower in digestible crude protein and carbohydrates, and higher in fat. It is not advisable to feed it alone. Better results are usually obtained when fed in a mixture with other grains, and when buckwheat does not constitute more than one-third of the grain ration.

3. It would not prove very satisfactory as a pasture crop because of its coarse fibrous nature, and besides it is not very palatable as a green feed.

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ABERDEEN - ANGUS

Will sell both sexes; fair prices. Come and see them before buying. WALTER HALL, Drumbo station. Washington, Ont.

Aberdeen-Angus Cattle—Stock all ages, good strains, at reasonable prices. Apply to ANDREW DINSMORE, Manager, "Grape Grange" Farm, Clarksburg, Ont.

Balmedie Aberdeeu-Angus I am offering for sale young bulls and heifers of the highest types of the breed. Show stock in show condition a specialty. Bred on the most popular lines. THOS. B. Broadfoot, Fergus Sta. Wellington Co. Ont.

WILLOW BANK STOCK FARM Shorthorns and Leicesters

Herd established 1855, flock 1888, have a special good lot of Shorthorns of either sex to offer of various ages; also a grand lot of Leicester sheep of either sex—a few imported ones to offer. JAMES DOUGLAS, Caledonia, Ontario.

"The Manor" Scotch Shorthorns

Present offering: 1 choice yearling bull, an "Undine," g. dam imp. Young cows in calf. Yearling heifers: Clippers, Minas, Wimples, Julias, etc. Inspector solicited. Prices moderate. Phone connection.

J. T. GIBSON, DENFIELD, ONTARIO

SHORTHORNS AND SHROPSHIRE

For sale: Heifers and calves, shearing rams and ram lambs, also a few young Berkshire sows. JOHN RACEY, Lennoxville, Quebec.

"You are arrested on a very serious charge, my good man," began the Court, looking at the man severely. "You are accused of getting into a fight and hitting the complainant over the head with a bottle. What have you to say for yourself?" "Your honor, I didn't mean to hurt him. I never thought that it would hurt him very much, 'cause the bottle contained nothing but a soft drink," returned the prisoner.

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