

Caught Cold By Working In Water.

A Distressing, Tickling Sensation In The Throat.

Mr. Albert MacPhee, Chignecto Mines, N.S., writes:—"In Oct., 1908, I caught cold by working in water, and had a very bad cough and that distressing, tickling sensation in my throat so I could not sleep at night, and my lungs were so very sore I had to give up work. Our doctor gave me medicine but it did me no good so I got a bottle of Dr. Wood's Norway Pine Syrup and by the time I had used two bottles I was entirely cured. I am always recommending it to my friends."

Dr. Wood's Norway Pine Syrup combines the potent healing virtues of the Norway pine tree with other absorbent, expectorant and soothing medicines of recognized worth, and is absolutely harmless, prompt and safe for the cure of Coughs, Colds, Bronchitis, Croup, Sore Throat, Pain or Tightness in the Chest, and all Throat and Lung Troubles.

Beware of imitations of Dr. Wood's Norway Pine Syrup. Ask for it and insist on getting what you ask for. It is put up in a yellow wrapper, three pine trees the trade mark, and the price 25 cents.

Manufactured only by The T. Milburn Co., Limited, Toronto, Ont.

Hampshire Down Sheep.

SPLENDID MUTTON, GOOD WOOL, GREAT WEIGHT.

Unrivalled in rapid and WONDERFULLY EARLY MATURITY, hardiness of constitution, adapted to all climates, and in quality of MUTTON AND LARGE PROPORTION OF LEAN MEAT.

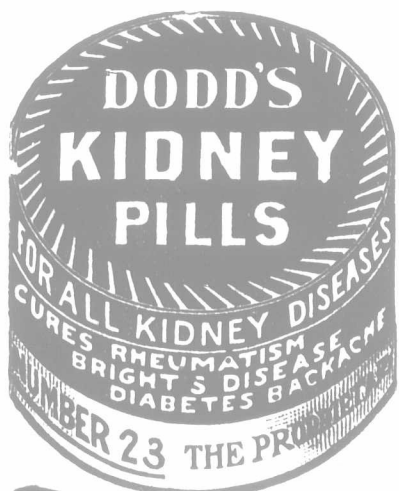
Champion against ALL breeds at the great Smithfield Show, London, 1908.

Full information of

Secretary, Hampshire Down Sheep Breeders' Association, SALISBURY, ENGLAND.

Oxford Down Sheep, Shorthorn Cattle, Yorkshire Hogs.—Present offering: Lambs of either sex. For prices, etc., write to **John Cousins & Sons, Harriston, Ont.**

"'Til work no more for that man Dolan."
"An' why?"
"Shure, 'tis on account av a remark he made."
"An' phwat was that?"
"Says he, 'Casey,' says he, 'ye're discharged.'"



QUESTIONS AND ANSWERS. Miscellaneous.

BALANCED RATION FOR COWS— COMPOSITION OF CORN AND MILLET.

1. Please give a balanced ration for milk cows, composed largely of corn silage, millet and some clover, with corn fodder for roughage, and oats, barley, bran and oil cake for meal, using as much silage and as little meal as possible.

2. Give the analysis of millet hay well cured, also of ensilage corn, well cured and well matured before filling silo.

R. S. T.

Ans.—1. We infer that an inexpensive and therefore only moderately rich ration is desired. With this end in view the following is submitted. It is pretty well balanced, but is not designed to meet the requirements of a cow fed for high production. In composing it, no account has been taken of the millet or corn fodder, it being presumed that these were to be fed in rather small quantities, which would not very seriously affect the balance of the ration. They might be fed day about, in such quantities as the cows cared to consume. For ordinary cows kept under usual farm conditions and milking, say, twenty pounds per day, this ration should prove as profitable as any that might be suggested under the circumstances indicated.

Ration for Cows.	Digestible Protein.		Digestible Carbohydrates.		Digestible Ether Extract.	
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
Silage	40	.36	4.52	.28		
Clover hay.....	5	.34	1.790	.085		
Oat chop	2	.184	.946	.084		
Barley	1	.087	.656	.016		
Bran	1	.122	.392	.027		
Oil cake	2	.586	.654	.14		
		1.679	8.958	.632		
Nutritive ratio, 1:6.2.						

2. We have not before us full details of the composition of millets. Henry compares Hungarian and timothy hay as follows:

	% Digestible Protein.		% Digestible Carbohydrates.		% Digestible Ether Extract.	
	%	%	%	%	%	%
Hungarian (hay)...	4.5	51.7	1.3			
Timothy	2.8	13.4	1.4			

According to these figures (which, by the way, we do not bank on too far, as the millets are variable in composition according to the stage at which they are cut) Hungarian millet is considerably richer than timothy, especially in respect to its protein content. Other authorities state that the foxtail millets are somewhat deficient in fat and crude protein as compared with timothy hay, though the latter element (protein) has a higher percentage of digestibility than in timothy. The same writer states that barnyard millet hay contains rather more fat and crude protein than the foxtail millets, which is likewise rather more digestible.

3. Some determinations have been made, but the composition of the corn plant varies greatly according to variety, stage of maturity and other factors. Henry gives the composition of green fodder corn as: Dry matter, 20.7%; of which protein constitutes 1 per cent.; carbohydrates, 11.6%, and ether extract, 0.4%.

At a meeting of the Council of the British Dairy Shorthorn Association on December 6th, Samuel Sanday presented to the Association a 50-guinea challenge cup, to be offered as a prize for the best group of dairy Shorthorns at the forthcoming show of the Royal Agricultural Society at Liverpool in June next. It was decided to take space at the Brussels Exhibition this year for advertising the breed of Dairy Shorthorns.

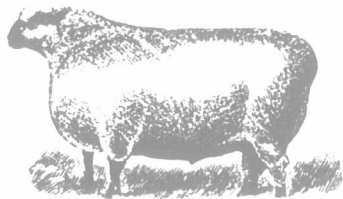
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WRITE FOR OUR LATEST PRICE LIST
SHIP US NOW!
HIGHEST PRICES PAID FOR ALL KINDS OF RAW FURS. PROMPT RETURNS. WE PAY EXPRESS.



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As we are disposing of the whole of our Shropshires, will offer by private sale 75 imported and home-bred ewes, from two to five years old. These ewes are a grand lot, and due to lamb in March to imp. Buttar and Harving rams. Also 100 ram and ewe lambs. Apply:

W. C. Edwards & Co. James Smith, Rockland, Ont.

FAIRVIEW SHROPSHIRE OFFERED.

17 high-class two-year ewes, Sired by grand champions; Bred to grand champions. Every one has proved a fine breeder. Considering their breeding and Excellent quality, prices are low. Send for prices and circular to: J. & D. J. Campbell Fairview Farm, Woodville, Ont.

When Writing Mention The Advocate

I HAVE GREAT, THICK, ROBUST SHROPSHIRE

YEARLING AND TWO-YEAR-OLD RAMS
dale mares, and a few beautiful Welsh ponies will also be priced at attractive figures.

Farnham Oxford Downs

The Champion Flock for Years.

Our present offering is 20 superior yearling rams for flock headers; some imported, and others by imported sires and from imported dams, or choice Canadian-bred ewes. Also a large number of first-class ram and ewe lambs. Our prices are reasonable. HENRY ARKELL & SON, ARKELL, ONTARIO, Arkell, C. P. R.; Guelph, G. T. R., and Telegraph.

SPRING BANK OXFORDS

Rams and ewes of all ages at a great reduction for next 30 days. Order at once and get the pick. WM. BARNETT & SONS, LIVING SPRINGS P.O., ONT. FERGUS STATION, G. T. R., and C. P. R.

MAPLE VILLA OXFORDS AND YORKSHIRES.

Present offering: Excellent ewes, choice rams, and the best lot of lambs I ever offered; all sired by imported rams. Yorkshires of both sexes and all ages. Boars fit for service. Sows ready to breed. A high-class lot. Satisfaction assured. J. A. CERSWELL, BOND HEAD P. O., ONT., BRADFORD or BEETON STAS.

POPLAR LODGE SOUTHDOWNS AND BERKSHIRES.—For sale: A high-class show flock of Southdowns, also shearing rams and ewes, and ram and ewe lambs. Berkshires of both sexes and all ages; right good ones. An by best representation is my motto. SIMEON LEMON, Kettleby P. O., Ont., Aurora Station.

Shropshires, Shires and Clydesdales.—High-class Shropshires, shearing rams and ewes, ram lambs and ewe lambs, from imported and Canadian-bred stock show stuff; Shire and Clydesdale fillies; White Wyandotte cockerels and pullets. Prices right. W. D. Monkman Bond Head P. O., Bradford or Beeton Stations.

SOUTHDOWNS AND COLLIES

A few choice young ewes, bred to the imported first prize shearing ram at Toronto this fall. Also a few good yearling rams and ram lambs that will be sold right. Long-distance telephone. ROBERT McEWEN, BYRON, ONTARIO.

A PERFECT HOG FOOD

You can save time and money by feeding

Imperial Hog Food

The only exclusive hog food on the market. Once used always used. Write for booklet.

The Imperial Stock Food Co. KINGSVILLE, ONT.

MORRISON LAWRENCE

Now offering 50 young boars 2 to 6 months old. Best breeding Sire red by the two imp. boars, England's Choice and Knowle King David. Also 50 young sows of same breeding. Chas. Currie, Morriston Ont.



MONKLAND YORKSHIRES

With very nearly 100 sows in breeding, of modern type and high-class quality, our herd will stand comparison with any in Canada. We are always in a position to fill large or small orders with despatch. Long-distance phone. JAMES WILSON & SONS, FERGUS, ONT.

Improved CHESTER WHITES

Young sows of breeding age. Some already bred. Also choice young pig of both sexes, 6 to 8 weeks old. Joe No. 5629, first-prize boar at Toronto and London, 1909, at head of herd. Also two grand young Jersey bulls. Chas. F. Rogers, Thames Valley Farm, Dorchester, Ont.

Hilton Stock Farm

Present offering: 6 yearling heifers and several younger ones. All very choice. Of Tamworths, pigs of all ages and both sexes, pairs not akin. R. O. MORROW & SON, Hilton, Ont. Brighton Tel. and Sin.



PINE GROVE YORKSHIRES

including a'l the firsts and sweepstakes for best dressed carcasses, both at Guelph and the Ottawa Winter Fat-stock Shows of 1908-09. Young pigs for sale, mated not akin, stock of superior excellence. Joseph Featherston & Son, Streetsville, Ont.

Large White Yorkshires

Am offering at the present time a fine lot of young sows, bred to farrow during Mar. and Apr. Also young pigs, both sexes, from 2 to 4 months old. Pairs supplied not akin. Write or call on H. J. DAVIS, WOODSTOCK, ONT. Long-distance Bell phone, C. P. R., G. T. R. main lines.



Newcastle Herd of Rams and Short-horns

For quick sale at very reasonable prices, 6 sows sired by Imp. Cholderton Golden Secret, bred to farrow in Jan., Feb. and March, to a Toronto prize boar. Nearly all my broad sows are sired by that noted prize hog, Cowill's Choice, or Newcastle Warrior, champion boar at Toronto, 1901, '02, '03 and '05. I also offer 50 sows and sows, from 2 mos. to 4 mos. old. Two bull calves one year old. Half-a dozen heifers, from 1 to 3 years old. Long-distance Bell phone in home. A. A. COLWILL, Box 9, NEWCASTLE, ONT.

Willowdale Berkshires!

Young sows ready to breed, boars ready for service, young pigs just weaned, all choice stock and bred in the purple. Everything guaranteed as represented. Long-distance phone. J. J. WILSON, Importer and Breeder Milton P. O. and Station C. P. R. & G. T. R.



DUROC - JERSEY SWINE

Imported and home-bred. Sows ready to breed. Boars fit for service, and younger ones either sex. Also Embden geese. MAC CAMPBELL & SONS HARWICH, ONT.

OHIO IMPROVED CHESTER WHITES.

—Large, best strains. Oldest-established registered herd in Canada. Young sows in farrow. Choice pigs 6 weeks to 6 months old. Pairs furnished not akin. Express charges prepaid. Pedigrees and safe delivery guaranteed. E. D. GEORGE, Putnam, Ont.