

DR. WOOD'S NORWAY PINE SYRUP

Is A Remedy Without An
Equal For COUGHS,
COLDS, And All Affections
Of The
THROAT and LUNGS.

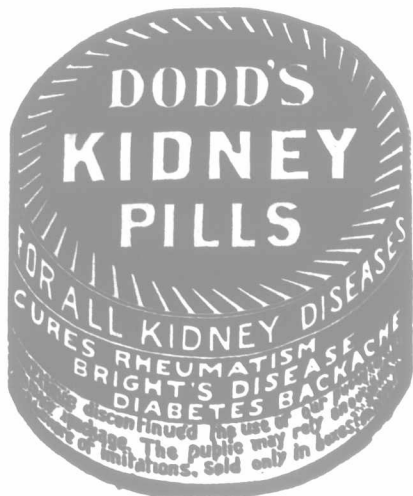
Coughs and Colds do not call for a minute recital of symptoms as they are known to everyone, but their dangers are not understood so well. All the most serious affections of the throat, the lungs and the bronchial tubes, are, in the beginning, but coughs and colds.

Too much stress cannot be laid upon the admonition to all persons affected by the insidious earlier stages of throat and lung disease, as failure to take hold at once will cause many years of suffering, and in the end that terrible scourge of "Consumption."

Dr. Wood's Norway Pine Syrup is not sold as a Cure for Consumption but for affections tributary to, and that result in, that disease. It combines all the lung healing virtues of the Norway pine tree with other absorbent, expectorant and soothing medicines of recognized worth, and is absolutely harmless, prompt and safe. So great has been the success of this wonderful remedy, it is only natural that numerous persons have tried to imitate it. Don't be humbugged into taking anything but "Dr. Woods." Put up in a yellow wrapper; three pine trees the trade mark; price 25 cents.



Little Harold had been directed by the teacher to write the word "folly."
"I can't," said Harold, "cause my pencil's busted."
"Why, Harold! What did you say was wrong with your pencil?"
"It's busted."
"Dear me! Children, can any of you tell what Harold means? I'm sure he hasn't used the right word."
Up went the hand of little Marjorie.
"Ah, Marjorie, dear, I thought you would know. What does Harold mean?"
"He meanth that nith penhil ith buth-ticated."—Chicago Record-Herald.



QUESTIONS AND ANSWERS. Miscellaneous.

WOLF TEETH.

Two-year-old filly has wolf teeth. Would you advise pulling them? They do not interfere with her feeding in any way. Is there any danger of them causing blindness? J. G.

Ans.—Unless the teeth are causing some irritation, it is better not to meddle with them. We have not known a case of their causing blindness. If they cause irritation, better have them pulled.

BUILDING CEMENT SILO.

How many yards of gravel will it take to build a silo 30 feet high and 12 feet diameter, inside? I have plenty of small stone and old, plain wire, that has been in a fence and is rusty. How thick would the wall need to be so as not to crack? How thick would cement need to be on the floor? Would the old wire be better twisted in a rope or should I get new? Should there be a tile out of bottom of silo for extra water to escape? How many barrels of cement are needed? How many wire ropes? What proportion should gravel and cement be mixed? H. J. M. T.

Ans.—A few years ago the practice was to build cement silos about 12 inches thick at the base and 8 inches at the top. Lately, it has been found that considerably thinner walls, with proper foundation below frost line, when properly reinforced with iron rods or wire, are satisfactory. Perhaps 8 inches thickness at base and 4 inches at top would suit your case. The wall, when built, exclusive of foundation, will comprise about 566 cubic feet of concrete; add 100 cubic feet for foundation. Allowing for waste, 125 cubic feet of gravel, or small stones, are required for 100 feet of wall. This means you should have on hand about 832 cubic feet, or, approximately, 6½ cords of gravel and fine stone. Two inches of concrete should suffice for flooring. As to using the wire on hand, it all depends on how badly it is rusted. New wire would be better. For general use, a quarter-inch, or five-sixteenths-inch round iron, is imbedded every 2½ feet. The nearer you approach that strength with wire the better. It is advisable to have a small tile leading from the center of a saucer-shaped bottom. About 30 barrels of Portland cement are required. Twelve wire ropes will give ample support. A fair proportion consists of one of cement to eight of good gravel.

FERTILIZER VALUE OF WHEAT STRAW.

Will you kindly answer, through your Questions and Answers column, what is the fertilizer value of wheat straw, tramped and rotted in a good barnyard, leaving out of account all animal excretions? J. A. W.

Ans.—Absolute values cannot be given. The value of all manure is relative, depending upon the use that is to be made of it, cost of hauling and application, value of the crops produced, etc. There is also the somewhat problematical degree of loss that occurs in rotting. It is, on the other hand, difficult to know just what allowance should be made for the physical benefit resulting from the addition of humus to the soil. Taking the matter first of all from a chemical point of view, a ton of wheat straw would contain 11.8 pounds of nitrogen, 2.4 lbs. of phosphoric acid, and 10.2 lbs. potash. In rotting, the straw would lose, possibly, a third, or may be half, of its nitrogen, and a little potash, depending upon the conditions. Value the nitrogen left at 16 cents a pound, the phosphoric acid at 5 cents, and the potash at 6 cents, we would have left, say, \$1.25 worth of nitrogen, 12 cents worth of phosphoric acid, and 50 cents worth of potash, or a total of \$1.87 per ton of straw. In some cases the value of the straw in furnishing humus might pay for the work of hauling it out; in other cases it might not. In general, we should say that on any, except very rich farms, or farms so situated that the produce sells for very low prices, one might better apply his straw to the land than sell it for less than a dollar a ton in stack, or now, and in most cases it would be poor business to sell it for a dollar and a half. This is calculated on a fertilizer basis merely, not taking into consideration the value of the straw as bedding, or as fuel.

BRAMPTON JERSEYS

CANADA'S PREMIER HERD.—Strengthened regularly by importations from United States, England and the Island of Jersey. We have animals of all ages and both sexes for sale, and the largest herd in Canada to choose from. Write for prices and particulars. Long-distance telephone at farm.

B. H. BULL & SON,

BRAMPTON, ONT.

Southdown Sheep

Unequalled for fine quality of both mutton and wool, hardness of constitution, and earliness of maturity.

STRIDE & SON,

Will sell by auction at CHICHESTER, SUSSEX, ENGLAND, on AUGUST 18th and 19th, next, 1909, 6,000 Southdown ewes (August 18th), 500 Southdown rams and ram lambs (August 19th). On SEPTEMBER 15th, next, 1909, 4,000 Southdown ewes, 500 Southdown rams and ram lambs.

Commissions at these sales, or any other time, carefully executed. Telegrams and cables:

STRIDE, CHICHESTER, ENGLAND.

Postal address:

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IMPORTED HORNED DORSETS

I have for sale a few of both sexes, the get of last year's champion all round the circuit, Imp. Romulus 2nd. Canada's banner flock of Dorsets.

JAS. ROBERTSON & SONS, Milton P.O. and Sta., C.P.R. and G.T.R.

SOUTHDOWNS AND COLLIES.

Long-distance Telephone.

10 good yearling rams, including the first and third prize winners at London. Also some good breeding ewes, which must be sold, as the flock is being reduced.

ROBT. McEWEN, Byron, Ont. Ry. Stn., London, Ont.

OXFORD DOWN SHEEP

AT FARNHAM FARM.

We have 50 yearling ewes, all bred to our imported ram, champion at Toronto Exhibition, 1908, which we will sell at especially reduced prices for the next thirty days, in lots to suit purchaser. Also a few yearling rams and ram lambs by imported sires. Terms reasonable.

HENRY ARKELL & SON, ARKELL, ONTARIO. Arkell, C. P. R. Guelph, G. T. R.

HIGHEST PRICES PAID FOR ALL KINDS OF HIDES, SKINS AND

RAW FURS

Write for our COMPLETE PRICE LISTS. Issued every little while.

E. T. CARTER & CO., 84 Front St., East, Toronto, Ont.

We pay all EXPRESS CHARGES. PROMPT RETURNS.

SUNNYMOUNT BERKSHIRES

Highest standard of type and quality. For sale: Sows of all ages, and 4 yearling boars. A grand, good lot. Also younger ones. Pairs not akin. JOHN McLEOD, C.P.R. & G.T.R. Milton P.O. Ont.

ELMFIELD YORKSHIRES

50 young pigs for sale, both sexes. Young sows bred to imported boar, also sows to Canadian-bred boar due to farrow about 1st October. 6 B. Muma Arr. Ont. Avr. C.P.R.; Paris, G.T.R.

Hampshire Swine

I will have some choice ones to offer for sale this spring, and parties wishing to start a good herd should write to me at once. Orders booked now. H. A. BUCK, Sydenham, Ont.

Willowdale Berkshires!

Won the leading honors at Toronto this fall. For sale are both sexes and all ages, from imp. stock on both sides. Show things a specialty. Everything guaranteed as represented. J. J. WILSON, MILTON, ONT., P. O. AND STATION. C. P. R. AND G. T. R.

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 Sta.

MONKLAND YORKSHIRES

are the easily-fed, quick-maturing kind. The sort the farmers want. All ages for sale. 100 sows bred now.

JAMES WILSON & SONS,

FERGUS, ONTARIO

Newcastle Stock Farm

I have a splendid lot of TAMWORTH SOWS well forward in pig, and well worth looking after; also grand selection of heifers, 3 months to 10 months old, several prizewinners, and a lot of dams that have been prizewinners all over this part of Ontario. I have also a few choice Shorthorn heifers well forward in calf to my Cargill-bred bull, and others ready to breed. All will be sold well worth the money.

A. A. COLWILL, NEWCASTLE, ONT.

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.—Largest 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.



Pine Grove Yorkshires

Our Yorkshires are noted for superior excellence. Both sexes and all ages for sale. J. Featherstone & Son, Streetsville, Ont.

Pine Grove Berkshires!

Present offering: Sows bred and ready to breed, including an sow bred at the late Winter Fair, Guelph. Boars in farrow. Younger ones of both sexes. A grand lot of all ages. Sent on C.P.R. and G.T.R.

W. W. BROWNIDGE ASHGROVE, ONTARIO. Milton, C.P.R. & G.T.R. Guelph, G.T.R.

Be Up to Date Use Draft Springs

Maple Grove Yorkshires!

It's Yorkshires you want, we have a very choice bunch of sows bred and ready to breed. A few boars ready for service and younger. In fact, pigs in all stages of development. M. U. Champion—20102—, Toronto's champion boar in 1907, is our main sow's bear. Our sows are mostly imported, and are as good as the best. A square deal or none is our motto. H. S. McDiarmid, Fingal P. O., Ont. Station.