



**WILSON'S
FLY PAD.
POISON**

Will kill every fly in your house or store. All you have to do is to get the flies to the Pads.

Directions in each packet show how to do this.

Farnham Oxfords and Hampshires

Our present offering is a number of superior OXFORD DOWN YEARLING AND RAM LAMBS for flock headers, by our imported Royal winning rams. Also ninety field rams and eighty ewes, either by imported sires or g. sires imported. Also fifteen yearling HAMPSHIRE ewes.

HENRY ARKELL & SON,
Phone Guelph 240-2. ARKELL, ONT.

ALLOWAY LODGE

**Southdown Sheep
Aberdeen-Angus Cattle**

I will exhibit Southdowns at Toronto and Southdowns and Angus at London shows this fall, and would like to meet anyone interested in either of these breeds. Write for circular to

ROBT. McEWEN, Byron, Ontario
Tel. and railway station, London.

SPRINGBANK OXFORD DOWNS
We never had as choice a lot of lambs as this year. Our offering: Shearling ewes, ewe lambs, ram lambs and the stock ram Imp. Hamtonian 279th. WM. BARNET & SONS,
R. R. No. 3, Fergus, Ont. Phone

Father—Dorothy, if you disobey again I shall spank you. (On father's return home that evening Dorothy acknowledged that she had again disobeyed.)

Father, firmly—You remember what I said? You may choose your own time. When shall it be?

Dorothy (five years old, thoughtfully)—Yesterday.

"Yesterday," said Jabson, "I refused a poor woman a request for a small sum of money, and in consequence of my act I passed a sleepless night. The tones of her voice were ringing in my ears the whole time."

"Your softness of heart does you credit," said Mabson. "Who was the woman?"

"My wife."



**AFTER WORK USE
SNAP**

It will clean your hands thoroughly and quickly no matter how soiled they are and leave them smooth and soft. Ink, paint, oil or grease stains, off they come with Snap. Get a Can To-day. 15c. at Your Dealers. Save the Coupons.

Soap Company Limited, Montreal

Questions and Answers. Miscellaneous.

Alsike. -- Apples Rusty.

1. I have a new seeding of alsike clover with a rank growth. Should I pasture it this fall or next spring?

2. I have a good crop of apples, but about 75 per cent. of them are rusty at the blossom end. Will they do for shipping? They are free from worms.

G. K.

Ans.—1. If pastured at all this fall do not allow the stock to eat if off too closely, and if pasture next spring it would be necessary to run the mower over it late in May. We would not advise pasturing in the fall.

2. These apples, provided they have nothing else wrong with them but the russetting, will ship as No. 2's.

Filtering Rain Water.

If it is not asking too much would you kindly give us some information through your valuable paper as to how rain water might be filtered ere it enters the cistern?

H. B.

Ans.—This question has been answered before through these columns, but we repeat it for the benefit of our many readers:—

The necessity for filtering water, and the method by which it is to be accomplished, depend upon the character of the substances held in suspension or solution by the water. The first to be mentioned are mineral sediments, consisting of gravelly pebbles, disintegrated rock and sand. It is not likely that there should be any of this to be filtered from the water in this instance. In any event, a condition of separation of mineral substances is, generally, quietude for a short time, during which the substances will settle to the bottom. Other mineral impurities consist of fine silt and clay, so fine that the process of separation by gravity is very slow. The filter about to be described below will generally remove substances of this character. Next are the organic impurities, consisting of decaying leaves and other vegetable matter. These have so nearly the same specific gravity as water that the process of separation by gravity cannot be waited for, and, besides, these substances, being partly soluble, leave the water tainted even after their solid parts have been removed.

It must be borne in mind that the finest filters, acting mechanically, can remove only solid impurities. Impurities that have passed into solution yield only to chemical treatment. If the water be strongly impregnated with vegetable solutions, it would be wise to let it alone and seek a supply from some other source for table use. In this instance, the rain water falling upon a metal roof, unless it is situated close to a factory, is not likely to have anything objectionable contained in it that cannot be removed by a mechanical filter.

A filter of this sort should consist of a basin or tank containing about 4 square feet of surface; that is, if square, should be 2 feet square; and should be 7 to 8 feet in depth; the filter so placed that the top of it is as nearly as possible level with the top of tank which supplies it. As to the material of the filter, it should consist, from the bottom upward, of, first, a drain pipe, having joints or perforations for receiving the water; second, one foot of coarse gravel; third, one foot of fine gravel; then from one to two feet of medium sand. Care should be taken to have the material of these layers of uniform grade. Each grade should be sifted, and the finer, as well as the coarser, grades removed. Any want of uniformity in the size of the particles composing each layer will interfere seriously with their permeability. In order to furnish a sufficient head to force the water through the filter, there should be a depth of about 3 feet of water above the filter.

If there is much solid material in suspension in the water, it will be caught in the top layer of the filter, and will gradually clog the filter. The top layer should, therefore, be occasionally examined and renewed when required by scraping off until clean sand is reached, and replacing to the required depth with fresh sand.

ARE YOU INTERESTED IN ROOFING

THEN write us a post card TO-DAY. Simply write the word "Roofing" and your name and address—that's all.

We'll send you full particulars by return mail.

We'll show you why Galt Steel Shingles make the best and most satisfactory roof for your barn—your stable—or your home.

It's worth your while to know this, and the cost of knowing is but One Cent (for the post card).

Just reach over and get a post card from your writing table NOW—before you turn this page. Address it to

13

THE GALT ART METAL CO., LTD.
252 Stone Road, Galt, Ont.



SPRING-VALLEY SHROPSHIRE are bred from the best procurable imp. stock for generations back. Can supply Shearling Rams and Ewes, Ram and Ewe Lambs, all got by Imp. sires, highest types of the breed. Thos. Hall, R.R. No. 2, Bradford.

Shropshire and Cotswold Sheep—In Shropshires there are 50 shearling ewes, 50 shearling rams. In Cotswolds there are 25 shearling ewes, 25 shearling rams. Ram and ewe lambs of both breeds. My ponies are the kind which are in great demand, being well broken and reliable. See my exhibit of ponies at the Exhibition. (Blairgowrie Farm) JOHN MILLER, JR., Ashburn, Ont.



GLENALLAN SHROPSHIRE—We have something choice to offer in this year's crop of lambs, sired by a Cooper ram. Flock headers of highest quality a specialty. Shearling and Ewe lambs. Glenallan Farm, Allandale, Ont. R. MOORE, Manager

Shropshires and Cotswolds In my 1913 importation of 60 head just arrived are show rams and ewes, field rams and ewes of both breeds. I also have 50 home-bred yearling rams and ewes, and a fine lot of ram and ewe lambs. Will be pleased to hear from you if interested in sheep as "No business no harm" is my motto. JOHN MILLER, Brougham, Ont., Pickering Stn., G.T.R. 7 miles. Claremont Stn. C.P.R., 3 miles.



NEWCASTLE TAMWORTHS I am now offering young sows, bred, and young boars of breeding age, chuck full of imp. blood and show ring quality; I think the best lot I ever bred. Also younger ones of both sexes. A. A. Colwill, Newcastle, Ont., L.D.' Phone

DUROC JERSEY SWINE

Twenty-five sows bred for fall farrow; a few boars ready for service; also one Jersey bull, 11 months, and two bulls, 6 months old, out of high-producing dams. Mac Campbell & Sons, Northwood, Ont.

MINSTER FARM

We are sold out of Tamworths also females in Holsteins but still have some choice bulls for sale from 2 to 6 months, officially backed and right good ones. R. O. MORROW & SON, Hilton, Ont. Brighton Sta., phone.



ELMHURST LARGE ENGLISH BERKSHIRES Present offering: Select sows. Choice boars, ready for service; also younger stock the get of Duke of Somerset, imp., and out of imported dams. Satisfaction and safe delivery guaranteed. H. M. VANDERLIP, Breeder and Importer, Cainsville, P. O. Langford Station. Brantford and Hamilton Radial.

Morrison Tamworths and Shorthorns—bred from the prize-winning herds of England; have a choice lot of young pigs, both sexes, pairs not akin; and also the dual-purpose Shorthorns. Satisfaction guaranteed. C. CURRIE - MORRISTON, ONT.

Cloverdale Large English Berkshires No matter what your needs in Berkshires may be, see Lang the live Berkshire man. He is always prepared to furnish anything in Berkshires. Write or come and inspect. C. J. LANG, Hampton, Ont., Durham Co.



Large White Yorkshires Have a choice lot of sows in pig. Boars ready for service and young pigs of both sexes supplied not akin. best British herds. Write or call H. J. DAVIS, Woodstock, Ont. Long-distance phone. C.P.R. and G.T.R.

Tamworths—A choice lot of young boars, large enough for service and sons of first quality. HERBERT GERMAN St. George - Ontario

Hampshire Swine I have a choice lot of Hampshire belted hogs for sale. Will be pleased to hear from you, and give you description and prices. J. H. Rutherford, Box 62, Caledon East, Ont.