

QUESTIONS AND ANSWERS.
Miscellaneous.

CLEANING INK BARRELS.

Would you please tell me the best way to clean barrels that have contained printers' ink?
SUBSCRIBER.

Ans.—Two plans are suggested: one to tightly sprinkle the interior of the barrel with coal oil (kerosene), touch it off with a match, and let it burn out; the other, to turn the barrel upside down, raised on four piles of bricks, 4 or 5 inches above the ground, and build a small fire underneath, the heat causing the ink to shrivel and peel off. Our correspondent might carefully test one or both of these plans, and report results.

CARE AND GRADING OF HIDES.

Could you not give, through the columns of your paper, an article on how to value sheep skins, etc.? How to estimate the quantity of wool, also value of pelt, also how to grade wool?

ONE INTERESTED.

Ans.—It is hardly possible to put in print rules that could be applied in practice for valuing hides and wool. That knowledge can only be gained by experience. There are, however, some points of very great importance affecting the value of hides, which farmers and butchers should observe. First of all, do not cut or nick the pelts in removing them from the animals, else a No. 1 hide may be converted into a No. 2, and a cent per pound knocked off the price. In the next place, if beef and other skins are rolled up or thrown in a heap while the animal heat is still in them, they may quickly become No. 2 or No. 3, or, perhaps, worthless. Spread them out on the floor, or hang over a pole, till the animal heat is gone, and then sprinkle on salt lightly. Don't waste a painful on a single hide. Don't leave them lying about too long before salting, else rats or mice may cut holes in them.

GOSSIP.

Sixty-five farmers in an Indiana county have petitioned for a license to carry arms, asserting that their lives and those of their wives and children are constantly in danger from reckless automobile drivers. In noting the action of these Indiana farmers, the Saturday Evening Post says: "In other localities, the gentle idea of discouraging inconsiderate autoists by taking a pot-shot at them has made some progress in the rural mind. Along all main-travelled roads, the rushing motor-car presents an agricultural problem of large and rapidly-growing importance. The horse, that mainstay of the farmer, is unfortunately a creature of the poorest mental capacity. A harmless ash-barrel, a bit of paper floating in the breeze, the timidly-skurrying squirrel, the flustered hen; in fact, almost every object, except oats, that meets his vision is, by his rudimentary brain, transformed into a horrible menace to his well-being. Probably it will require generations of patient training—with how many million broked whiffletrees, upset wagons and exasperated drivers!—to educate him out of the misconception that automobiles eat horses raw. Thus, for a long time, with the most considerate handling, the auto is bound to be a heavy affliction to the farmer. Most autoists realize it, for most of them are gentle, civilized men and women. There are some, however, who run their machines in the face of a frightened team with all that delicate consideration of others which is observed in a drove of swine that scents the succulent swill as it is poured into the trough. What to do with them is a baffling question. For obvious social and moral reasons, we cannot approve pot-shooting them. Various legal devices of licenses and speed regulations have, so far, made only an indifferent impression upon them. We may think it would be pleasanter if it were so ordered that every new instrumentality of power which comes into the world were accompanied by an effective ring for the snout of those who will seek to abuse it. In fact, however, finding the ring is always a matter of long and painful endeavor." The thing that will best answer the purpose of a nose-ring is a term in prison for deliberate and reckless violation of the rights of others on the part of automobilists. A fine is laughed at, but imprisonment is very apt to result in converting a reckless dare-devil driver into one quick to know and recognize the rights of others.



The Right Way to Grow Hogs

Pigs have sometimes been called "mortgage lifters," and really it seems they deserve the title. What other animal from a beginning of only two pounds can grow to 1,000 pounds weight? And bear in mind statistics prove that it costs less food to grow a pound of pork than either beef or mutton. Do you know why? It is because of the large digestive capacity of the hog.

It is certain that all growth and milk production is in proportion to the amount of food digested and assimilated. The right way to grow hogs, therefore, is to take proper account not only of the feed, but the digestive system.

DR HESS STOCK FOOD

the prescription of Dr. Hess (M.D., D.V.S.) was intended for this purpose in particular. It takes charge of the digestive organs, compelling them to do their proper work.

Horses, cattle, cows, hogs and sheep are all dependent upon the digestion for every pound of growth and every ounce of milk. The cost of Dr. Hess Stock Food is paid back many times over, therefore, no stockman or dairyman can afford to be without it. Besides hastening maturity, Dr. Hess Stock Food cures and prevents disease.

Dr. Hess Stock Food owes its origin to the medical and veterinary colleges from which Dr. Hess graduated. Such medical authorities as Professor Winslow, Professor Finlay Dun, Professor Quilman and all the leading scientists recommend bitter tonics for improving digestion, iron for blood and tissue building, nitrates of soda and potassium for assisting nature in expelling poisonous material from the system. These ingredients and many others make up Dr. Hess Stock Food, and it is sold on a written guarantee.

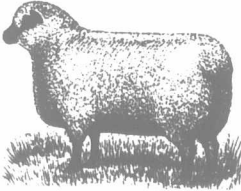
100 lbs. \$7.00 25 lb. pail \$2.00
Smaller quantities at a slight advance. Duty paid.

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic, and this paper is back of the guarantee.

FREE from the 1st to the 10th of Each Month—Dr. Hess (M.D., D.V.S.) will prescribe for your ailing animals. You can have his 96-page Veterinary Book any time for the asking. Mention this paper.

DR. HESS & CLARK, Ashland, Ohio, U. S. A.
Also manufacturers of Dr. Hess Poultry Pan-a-see and Instant Louse Killer.
INSTANT LOUSE KILLER KILLS LICE.

The Langton Stock Farm Co., Ltd.
BRANTFORD, ONT.,



Importers of Clydesdales, Hackneys, Shropshires, Berkshires and Collie Dogs, are now offering 23 rams and 34 ewes, all imported; Minton and Harding bred. A rare choice lot of Shearlings and Berkshires—imported and Canadian-bred.

T. A. Cox, Manager, Brantford P.O. and Sta.

Shropshires and Cotswolds

I am offering for sale 100 shearing ewes, home-bred and imported; also an extra good lot of yearling rams and ram lambs of both breeds, some of each fitted for showing.

JOHN MILLER, Brougham, Ontario.

DORSET HORN SHEEP and SCOTCH SHORTHORNS

The latter representing the Nonparadi, Miss Ramsden, Missie and Giesler families exclusively, and the former comprising more Royal winners and more St. Louis prizewinners than any other flock in the world. Stock for sale always on hand.

JOHN A. McGILLIVRAY, North Toronto, Ontario

Southdowns

New importation of rams and ewes on offer; also home-breds by Royal prizewinning imported rams **COLLIES**—Puppies by imported Holyrood Clinker.

Robt. McEwen, Byron, Ont.
Long-Distance 'Phone.

Sheep Breeders' Associations.

American Shropshire Registry Association, the largest live-stock organization in the world. Hon. John Dryden, President, Toronto, Can. Address correspondence to **MORTIMER LEV-ERING, Secretary, Lafayette, Indiana.** on **SHROPSHIRE**

Good young rams and ewes **FOR SALE.**

W. D. MONKMAN, Bond Head, Ont. Leicesters!

A grand lot of one and two-shear rams and ram lambs, also ewes of various ages.

Mac. Campbell, Harwich P. O., Ont. Leicesters For Sale

Of good size and quality. Various ages.

C. & E. WOOD, Freeman P. O., Ont. Shropshires

5 choice Imp. Rams, 15 choice Imp. Ewes, 20 good breeding Ewes, 25 good Rams.
LLOYD-JONES BROS., BURFORD, ONT.

My Shropshires Won the Flock Prize at Toronto.

And I have imported and home-bred **RAMS and EWES**

for sale that are of the same stamp. All kinds of good

COTSWOLDS and SHORTHORNS as well.

Prices always reasonable.

ROBERT MILLER, Stouffville, Ontario.

We Want HIDES SKINS, WOOL

Our advice is: Consign to us at once while we can pay present very high prices.
E. T. CARTER & CO., TORONTO.

FAIRVIEW SHROPSHIRE RAMS

The flock is retired from fall-fair showing. It took the lead for 22 years. **25 good to choice yearling rams and 30 first-class ram lambs** now offered. Sires: Champions and producers of winners. Dams: Many of them imported, and all choice. Do you need a moderate-priced flock-header? If so, come, or write for circular and quotations to

JOHN CAMPBELL, Woodville, Ont.

FARNHAM FARM OXFORDS

We are offering for sale 100 strong, vigorous, good-quality ram lambs, a number from best imported sires. We also have for sale 50 yearling and two-shear ewes, and a number of ewe lambs. **Telegraph Guelph.**

HENRY ARKELL & SON, ARKELL, ONT. Guelph, G. T. R.

Dorset Sheep, Shorthorn Cattle Specialties.
Choice young stock for sale.
R. H. HARDING, "Mapleview Farm," Thorndale, Ont.

LARGE ENGLISH YORKSHIRES

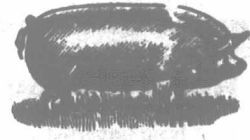


Pigs of the most approved type, of both sexes, all ages, for sale at all times. We have more imported animals in our herd than all other breeders in Canada combined.

We won more first prizes at the large shows this year than all other breeders combined. We won every first but one and all silver medals and Bacon prizes at Toronto and London, and at St. Louis we furnished all the first-prize hogs in the breeding classes except two; also supplied both champion and grand champions. Prices reasonable.

D. O. FLATT & SON, Millgrove, Ont.

Large White YORKSHIRES.



Present offering: Some choice boars ready for service. Sows ready to breed, and a choice lot of Imp. pigs of various ages, and young pigs direct from imported stock, not skin. Write

H. J. DAVIS, Woodstock, Ont.

Morrison Yorks. and Tams.



on hand, for sale. Are both sexes of both breeds. Bred from prizewinners and extra choice. Prices right.
Charles Currie, Morrison P. O., Shaw Sta., C. P. R.

NEWCASTLE HERD OF TAMWORTHS and Shorthorns.—We have for immediate sale several choice boars ready for service, and sows bred and ready to breed, together with a lot of beautiful pigs from two to four months old. Also a few choice heifers in calf to Donald of Hillhurst No. 44600, and a few nice bull calves and heifer calves. All correspondence answered promptly. Daily mail at our door, and prices right. **Cotwill Bros., Newcastle.**

Mount Pleasant Herd of Tamworths and Holsteins. A large herd of choice pigs of all ages on hand. Mount Pleasant type of hogs are profitable breeders and ideal bacon hogs. Pairs not akin. Herd headed by Colwill's Choice No. 1248. Won sweepstakes and silver medal at Toronto, 1901-2-3. Also a few bulls.
Bertram Heekin, The Gully

Tamworths and Dorset Horn Sheep. A choice lot of pigs of different ages and both sexes. Some fine shearing rams and ewe lambs.
JAMES DICKSON, Orono, Ontario Glenairn Farm.

Yorkshires!

Have some grand spring litters farrowed in Feb., Mar., April, May from 11 stock. Will sell at living prices. **L. HOOLEY, Powie's Corners P. O., Fenelon Falls Station.**