

QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.

2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.

3rd.—In Veterinary questions the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1.00 must be enclosed.

Miscellaneous.

POOR DRAIN.

In order to get an outlet, we called a meeting and decided on a township drain, the Engineer being called on and the by-law adopted July, 1909, the then inefficient open drain to be converted into a tile drain. The drain is not a success. I ordered on the Engineer last year—the Council taking no action. Kindly inform me the proper mode of proceedings to obtain an outlet.

Ontario.
Ans.—The case seems to call for some steps to be taken to stir the Council up to action, and we think you would do well to have a solicitor take the matter up with them.

LAWN MIXTURE.

What is the best plan for seeding and preparing a lawn, and what is the best seed mixture to use? So many of these lawn grass seeds advertised are no good. I am ready to prepare a lawn around my new residence.

A. D. S.
Ans.—In making a new lawn, it is advisable to plow the soil and cultivate it thoroughly before the grass seed is sown. If the soil is poor, a heavy dressing of well-rotted manure should be applied and worked well in. A mixture of Red Top, Blue Grass, and White Dutch clover, in equal parts by weight, is good. This should be sown thickly, or at the rate of about two measured bushels per acre.

SEEDING WITH MILLET.

1. I have a low, flat field, that is not good for growing grain, so I am intending to sow millet on it. I also want to seed it down with timothy seed, and thought I would write to ask your opinion as to the time for sowing the timothy. Would it be better to sow it the same time as sowing the millet, or harvest the millet and plow the ground, and sow the timothy in the fall?

2. Would also like to know if I were to sow the timothy by itself this spring, would I be able to take a crop of hay off of it this fall?

R. E.
Ans.—1. Owing to the late date at which millet should be sown (in Ontario, June is the best month), and its graminaceous character of growth, we should not expect successful results from an attempt to seed down with it. Would rather wait until the millet is removed, and then try the autumn seeding.

2. No.

ALFALFA—OAT AND PEA HAY—POTATO SCAB.

1. I have eight acres of oat stubble on clover sod that I intend sowing to alfalfa. I will have to spring plow. Would you advise to work and sow first of July, or would it be as well to sow it with oats and peas to cut for hay if I could sow middle of May, or would it be better to wait until after the oat and pea hay was cut?

2. Is oat and pea hay as good feed for dairy cows as millet?

3. In sowing oats and peas for hay, do you sow them both at the same time, in what quantities?

4. Is there anything to prevent potato scab? If so, kindly state.

T. H. S.
Ans.—1. If you get the spring plowing done early, you could sow the alfalfa with a nurse crop of 1 bushel of barley per acre. Would not advise seeding with oats and peas. It often does well sown alone in July. If sown in July, would advise thorough cultivation until that time. Would not try to get a catch after a crop of oats and peas for hay.

2. Yes, properly cured, would prefer it.

3. Sow them together, 1½ bushels oats and 1½ bushels peas to the acre. This is a heavy seeding, but is all right for alfalfa.

4. Yes, soak them in formalin 1 pint to 15 gallons of water for two hours.

RAPE, SOY BEAN AND KALE PASTURE.

I have a field gravel and sand loam. What would be best to sow for pasture as green feed? Clover is scarce on account of hot sun last season.

1. Would rape sown in May be good for pasture for cows? Will it grow up after being pastured off?

2. Are cow, or Southern peas, good for pasture or to cut?

3. Would you recommend early yellow soy beans for pasture, and how much to sow per acre?

4. Is Thousand-headed kale good for cow pasture?

A. L. W.
Ans.—1. Rape makes very good pasture, particularly for hogs or sheep. It will taint the milk of dairy cows. It is all right for dry cows or young cattle. It does best on rich soil. It will grow up again after being eaten off, provided a few leaves and stems are left to give it a start. If pastured so closely that all these are removed, the plants are destroyed.

2. Cow peas are a warm-weather crop, do well on light soil, and should not be sown until after corn-planting time, or when the weather is warm. They are sometimes used for hog pasture. They are coarse, and not so valuable for cattle. Would not advise using them for this purpose.

3. Not for cattle pasture. In a mixture, they are valuable for hog pasture, or feeding to hogs as a soiling crop. Sown for fodder or pasture, some close every other tube in the grain drill, and sow from two-thirds to one bushel per acre.

4. We would not advise trying kale for cow pasture. It belongs to the cabbage family, and is not as good a success as rape. It is valuable as a sheep pasture. Why not try Prof. Zavitz's annual pasture mixture of 7 lbs. common red clover, 30 lbs. Early Amber sugar-cane, and 51 lbs. oats. This gives good summer pasture. For a soiling crop, try a plot of peas and oats.

GOSSIP.

The Canadian National Spring Horse Show, slated this year for the dates April 30th, May 1st to 4th, is always an exceedingly interesting exhibition, principally of light horses. The show will be held in the Toronto Armories. Reduced railway rates will be available.

In a recent letter ordering a change in their advertisement of Shorthorns and Clydesdales, A. B. & T. W. Douglas, Strathroy, Ont., state that they have for sale at moderate prices, four good young bulls, sired by His Grace (imp.) =69740=; also one stallion rising three years, a big, quality colt. Have also a few heifers and cows for sale. Correspondence, or better, a visit from prospective purchasers, is invited. Farm is only a mile from Strathroy Station, G. T. R.

BRITISH SHOW DATES.

Bath and West of England, at Bath, May 22-27.

International Horse Show, Olympia, London, June 17-29.

Royal Agricultural Society, at Doncaster, July 2-6.

Highland and Agricultural, at Cupar, July 9-12.

Royal Northern Agricultural Society, at Aberdeen, July 18.

TRADE TOPIC.

Good roofing is essential to all building operations. Roofing material must be durable and effective in preventing leakage. See the advertisement in another column of the General Roofing Manufacturing Co., manufacturers of Certain-teed roofing, York, Pa.; Mansfield, Ill.; East St. Louis, Ill.; Minneapolis, Minn.; and San Francisco, Cal., and write for their free book, "How to Build for Less Money."

Be Fair. Buy a sack or barrel before judging PURITY FLOUR

SOME people have attempted to judge PURITY FLOUR before knowing the facts about it—before using it. So we ask you to be fair and to buy a sack or barrel of PURITY FLOUR and give it a thorough try-out before attempting to arrive at a judgment.

Look at the beauty and loftiness of the golden-crusted, snowy-crumbed loaves, fit for a king. Count them and see how many more of them PURITY yields to the barrel than ordinary flour does.

Taste the creamy, flaky pie crust, and the deliciously light cakes PURITY FLOUR rewards

you with. My! How they make your mouthwater!

Such high-class results can only be obtained when using a flour consisting exclusively of the high-grade portions of the best Western hard wheat berries.

And remember, that, on account of its extra strength and extra quality, PURITY FLOUR

requires more water when making bread and more shortening when making pastry, than you are accustomed to use with ordinary flour.

PURITY FLOUR

"More bread and better bread"

Buy a bag or barrel of PURITY FLOUR. Test it for a week. Then pass judgment.

Add PURITY FLOUR to the grocery list right now.

103

150-Acre Farm FOR SALE

In the Township of Tuckersmith, in the County of Huron, one and one-half miles from the town of Seaforth, which is one of the best markets in the Province of Ontario. Twenty acres hardwood bush, balance cleared. Well fenced, tile underdrained, good water and a never-failing spring creek. There is an ever-bearing orchard of ninety trees, mostly winter apples. Soil clay loam. There is a ten-roomed brick house, with all modern conveniences, including hot-water heating; telephone, woodshed and ice house. Good bank barn, piggery, implement shed, carpenter shop and other outbuildings. Selling to close an estate.

R. E. Cresswell, Egmondville, Ont.

GOSSIP.

R. H. Keene, Marlow, Buckinghamshire, England, an experienced farmer and feeder, has been invited by the directors to officiate as judge at the 1912 International Exhibition, at Chicago, Ill., Nov. 30 - Dec. 7, of the classes of grade and cross-bred, and the championships. Mr. Keene is said to have been highly recommended by J. J. Cridlan and H. M. Kirkham, who officiated in the same capacity at Chicago last year. Mr. Keene having had extended experience in the production of prime beef, and in judging bullocks at leading British shows.