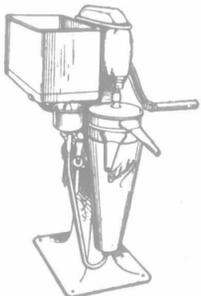


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**QUESTIONS AND ANSWERS. Miscellaneous.**

**MISCELLANEOUS QUERIES.**

1. What do you advise the best thing to take the rust off a plow share?
2. We have a colt rising six months old. What would you advise us to feed it, and how much?
3. When pigs are off their feed, what is the best thing to get them to eat again?
4. Which is the better, a cement silo or a wooden one?
5. How much oats do you advise to feed a working horse?

We have taken the valuable paper, "The Farmer's Advocate," for many years, and wouldn't think of being without it.

I. O. S.

Ans.—1. Apply coal oil freely, and after a few hours scrape with a knife, and then rub well with a brick or soft stone and wet with water.

2. Good clover hay, and oats and bran, as much as it will clean up three times a day. A quart of oats and the same bulk of bran mixed should be sufficient. If that is more than it will take, reduce the ration. If required to force for show purposes, a couple of quarts of cow's milk, skimmed and fed lukewarm, twice a day, will help.

3. Withhold feed for a day, and then give in warm milk or other tempting food a dessertspoon to a tablespoonful of Epsom salts to each, and feed lightly for a few days. Place a mixture of hardwood ashes, salt and sulphur in a low box where they can take of it at will.

4. A cement structure is best, owing to its permanence and durability. A stave silo, with stone foundation to level of ground, and well braced or tied to a building so that it will not blow over, is less expensive and answers the purpose fully as well.

5. A gallon three times a day. If fed mixed with a couple of quarts of bran, or a little clean wheat chaff, or cut straw, so that it is eaten slowly and more thoroughly masticated, the oats will prove more nourishing. When idle, the ration may be cut in two.

**FERTILIZER FOR MARKET GARDEN.**

What kind of fertilizer and how much would you recommend to be put on well-drained, sandy land that is to be used as a market garden? The fertilizer to be used along with whatever barn-yard manure is procurable.

F. R. W.

Ans.—Sandy land is usually somewhat deficient in mineral constituents; that is, in potash and phosphoric acid. The market-garden crops generally require a large amount of potash. Therefore, it would seem as though the potash would be one of the constituents which should be applied. Where crops are to be ripened, there is also need for considerable phosphoric acid. Neither of these constituents will give their best results unless there is plenty of nitrogen. No statement is given as to how much barn-yard manure will be available, and, as the quantity of these fertilizers needed depends upon the amount of barn-yard manure used, it is impossible to give a really intelligent answer to the question. But, provided the soil is in good condition, that is, rich in humus and well cultivated, I think that 200 pounds of muriate or sulphate of potash, 300 or 400 pounds of phosphoric acid, either in the form of superphosphate or Thomas phosphate, and 100 to 200 pounds of nitrate of soda or sulphate of ammonia would probably prove sufficient. As experience is gained in the work, possibly larger quantities may be used with profit. Barn-yard manure is essentially a nitrogenous manure, consequently the amount of nitrate of soda used is dependent upon the quantity of barn-yard manure applied. I would strongly recommend anyone commencing to use fertilizers to experiment in a variety of ways to ascertain the needs of their own soil, and prove for themselves the particular requirements of the various garden crops he is growing. For more particulars on this point, see Ontario Agricultural College Bulletin No. 153.

R. HARCOURT.

Ontario Agricultural College.



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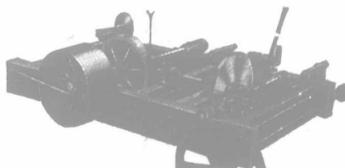
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