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Inquiries and Answers

Growing Roots

Growing Roots

Which kind of root is mad profitable for feeding duty of the control of the contr

downs, on:

Mangles are more preferable for
dairy cattle than either of the feeds
named. Turnips are good, but have
a tendency to taint the milk, hence it
is dangerous to use them. For hogs
these kinds of roots have about equal
value. Sugar beets contain slightly value. Sugar beets contain singuity more dry matter than mangles or thr-nips, also a slightly higher percentage of earbohydrates. Where mangles are being produced for dairy cattle, however, it is hardly advisable to grow turnips or sugar beets when only a few hogs are being fed.

a few hogs are being fed.

Mangles are fed to cows at the rate
of 25 to 40 pounds a day. Taking
the outside figure—40 pounds—25 cows
would require 1,000 pounds a day.
Twenty pounds a day for hogs is a
large amount, but taking this estimate it would require 20 pounds,
therefore for the shock each day,
and if fed 200 days—4,000 bushels
would be required. would be required.

would be required.

An average crop of roots, rows being sown about 28 or 32 inches apart, and the plants thinned out to 10 to 12 inches apart in the rows, would produce approximately 20 tons of roots to the acre. To make allowance, therefore, for the seasons, three or four acres of roots would provide ample the day of the seasons, there or four acres of roots would provide ample the first produced for the seasons, the season to the seasons are seasons.

If it is desired to get a good crop of roots, and, at the same time cultivate the land, so as to kill weeds, and prepare it for future crops, it is essential to sow in drills. By sowing broadcast cultivation cannot be ing broadcast cultivation cannot be followed; a smaller crop is assured, the roots themselves are small, and it requires more labor to handle them.

Rows can be planted at any width allow for cultivation. If it is Rows can be planted at any width to allow for cultivation. If it is intended to cultivate with a horse hee, 18 to 24 inches apart is wide enough. If it is desired to use a spring tooth cultivator with team, which would facilitate considerable work, we would advise sowing from 25 to 36 inches apart.

The more cultivation that is given crop, the greater will be the production. Cultivation should be followed with a view to eradicate be followed with a view to eradicate the weeds, as well as increasing crop production. It should be the aim to cultivate after every rain, in order to break the crust, create a mulch, and thus conserve the soil moisture. production.

Mangles, if they are to be stored for any length of time, will not stand a very hard frost. A hard frost affects them, causing them to rot in a very short time. Turnips, on the other hand, will stand considerable frost without injury.

Questions About Alfalfa

What kind of grain is best to seed down with alfalfa clover? What time of the year is best to seed down? How does it do on sandy land?—G. W. B., Ont. the Western States, where al-

In the Western States, where al-falfa has been grown for many years, the practice generally adopted is to seed without a nurse crop. Some seed without a nurse crop. Some growers in Ontario have had good success by seeding with barley, or some spring grain. Others report good results with short straw and peas, though as be this we are not prepared for co. BURSE. Cros. Latt. plan. Wheth to recommend the latter plan. Whether a nurse crop is used or not, it will be a safe plan to inoculate the alfalfa seed before sowing with the bacteria suitable for its growth. These can be had by applying to the Bacteriological Laboratory, Ontario Agricultural College, Guelph, and will be sent with full instructions as to

sent with time instructions as to the continuous authorities on alfalfa do not seem to be convinced as to which is better, fall or a spring seeding. Growers in the United States seem to favor fall sowing, especially when no nurse crop is grown, as it gives the plant a better chance. In Canada it will, perhaps, be better to practice spring seeding. Other things considered, that is proper cultivation, etc., atlafas will do well on sandy land, atlafas will do well on sandy land, and the continuous contin

Umbilical Hernia.

I have a colt eight months old that has a small rupture about the size of a butternut just at the end of the sheath. This has been much larger but was kept bandaged. The bandage has now been taken off. What should I do with it?—D.T., Simcoe Co., Ont.

As the truss or bandage has suc-As the truss or bandage has suc-ceeded in reducing the size, I advise its continuance. When a truss will ef-fect a cure it is much the better treatment. When a truss will not cure an operation by a veterinary is nec essary There are many operations for this trouble, the most common one being the application of a clam, or skewers, but an amateur could not operate with safety

Age to Castrate.

At what age should colts be castrated !-D.T., Simcoe Co., Out.

Opinions differ on this point. The Opinions differ on this point. The younger the less danger, (provided, of course, he is healthy and normal), and of course the less the loss, should untoward results occur. In my opinion the better time is between 10 days and two weeks old. If not then, at moderate weather, when he made to turned out on grass, If a person wants his gelding to have the mascular wants his gelding to have the mascular than the property of the pro turned out on grass. If a person wants his gelding to have the masculine appearance of a stallion, he should not operate until he is two or three years old.

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