pulling the whole diseased mass out witt the hand so that the sound skin will form a narrowed neck for it, to tie the rubber cord firmly around the latter, stretching it to less than one-half its thick ness, passing it around several times and then fastening it immovably. Once applied this must not be disturbed, but should he left to cut its wa through and detach the diseased parts. The slight wound that will be left will heal without trouble if simply kept clean.
A subscriber asks how this can be cured befor it breaks. The ánswer will depend very much on the state of the parts involved. Two very differ ent conditions go under the name of poll evil. The first, and fortunately the least frequent, is diseas of the joint between the head and the first bone of the neck, or of that between the two first bone of the neck, with ulceration and removal of th layer of gristle which forms the yielding surce. A horse suffering from this shows a more or less uniform swelling of the parts behind the ears, which pit on pressure with the fingers, but rarely present that elastic fluctuating sensation which implies the presence of a sack of matter, and almost never burst to form a running sore. There is far more stiffness than with ordinary poll evil, and the animal may groan with pain when the head is raised or depressed, or turned to the right side or the left. For this the subject should be kept still, fed from a manger that requires no effort in elevation or depression of the head a bucket placed at a sigested food like ground or nourishing, easily digested roots; he should have scalded oats, harts bepure air, and a clean, dred the ears should be fired with a rei-hot iron, cither in lines half an inch apart or in points at either in distance from each other. This fired surface may be oiled daily, and as the effects disappear a blister composed of 2 drachms cantharides and 1 oz . lard, throughly mixed, may be well rubbed in on the same place.
In the second form the swelling is more circumscribed, being often confined to one side of the neck, and it will often be found to fluctuate like a bag of fluid when pressed with two fingers at dif ferent points of its surface. The stiffness is usually much less, and thongh it may continue for months as a simple swelling, yet there is a far greater tendency to break and discharge than in the first kind. In a case of this kind, with a simple swelling, no great stiffess, and no appreciahigh fluctuation, the rack and manger, and never from a low one, nor from the ground, the poll shculd bs kept colution with a (catechu oz., of and a dose of drachms of aloes should be given, to be followed up by a daily dese of $\frac{1}{2}$ drachm of iodide of potassium.
In either form of poll evil the greatest care should be taken to prevent irritation of the parts by a halter or bridle. If the animal must be tied the headstall of the halter must be large and tied back to a girth so that it can come forward within six inches of the tender patts. Even in case of recovery the animal cannot grass, nor to feed from the ground, nor from a rack or
lapse.
Meat Production for Foreigit Marby frof. manley miles.
How can Eastern farmers best ohtain a supply of animals to feed for foreigu markets? As our limits will not admit of a full discussion of this question, which iuvolves a consideration of all the
confine our attention to a few points that appear to be of the greatest importance. As the foreign de mand is for meat of the bes
The purchase of store stock for feeding, when it can be obtained of good quality, will be found sat sfactory in many localities, while under other con ditions it may be more profitable to breed and rear larger proportion of the animals that are to be attened. The advantages of the latter method aill consist in the prod. in both can be usually purchased in marker, and a largo profit arising from the full
from the time of its birth.
It is the common practice, in rearing animals to e sold as "store stock," to keep them in good riving condition only, so that the best results of Feding up to the time they are sold are not obained. Such animals may be more profitable to he feeder than those of the same age that are nuch fatter and heavier, but the greatest possible profit has not been made by the feeder during the first period of growth, when the largest re The secured for a given an wery young The rapidity of the gratively small cost of thei crease in live weight, cannot the generally under stood, or the practice of the full feeding of young animals would be more widely prevalent. My experiments in feeding young pigs with milk furnish a striking illustration of the economy of early feeding. During the first week but 7.20 lbs . of milk was required to prodace lbs of milk inve weight, w quired ding elso in feeding corn, the pigs under ix months requiring less feed for a given increase than those over that age.
The breeders of animals that are to be sold as torề stock will promote their own interest by rear ing a class of animals that excel in feeding quality, and feeding them liberally from birth. As long as pure-bred animals of the best types command better prices as breeders than as fat stock, the grades of the different breeds will constitute the principal supply for the purposes of the butcher.
It seems to be the opinion of many farmers that the breeding of grades is a simple process that doe not require the exercise of any particular skill, o a knowledge of the rules of the art, that is deeme so essential to success in the breeding of pure-bre nimals. This is, how , the to many disapp 1 in the mat. inde the male the selected should breeding gred to ensure prepotency in the transmis ion ot his own characters, and he should also possess the characteristics of the family or type which he represents, the most important of whic are a symmetrical form, with a good development of the best parts of the carcass and the absence of coarseness, and good feeding quality or th ability to fatten
Size is not of as much consequence as quality and the power of transmitting, with uniformit the inherited good qualities of his ancestors. If the females with which he is coupled are large, and there is coarseness in the bones and the inferior flesh of the carcass, a proportions will be spring, other condir 1 is remarkably large
The male should also have or hereditary disand be free from either acquirch ofree from defects that would diminish his value whea fattened for the market.
The extra trouble and expense required to secure
hese desirable qualities in the male will be amply repaid in the superior quality of his offspring and the extended period of his usefuiness.
In breeding animals for the batcher, a male that possesses all of the characters enumerated may freuently be used to advantage on his own offspring, without any danger of unfavorable results. With an inferior male such practice would be disastrons, changed before his lown or wo able age for breeding On the the best animal for the purpose will be found the most profitable notwithatim the price that must be paid at the outset
hat must be paid at the outset
ing quality in the offspring will be increased if the breeding females of the flock or herd are kept in good thriving condition by a liberal supply of feed and water, and comfortable shelter from the storms of winter.
It must be remembered that a certain amount or food is required by animals to repair the waste of tissues involved in the very process of living. If the food supplied is only sufficient to replace this waste the animal cannot increase in weight, and this supply is diminished the animal will lose in weight, the wear and tear of the animal machinery being at the expense of the products stored up from food previously consumed. Many animal than is required to keep the systam in repair, so that there is no surplus to be stored up in the form of fat and flesh. The amount consumed must not be confounded with the amount digested, as it it the latter only that can be made of use in the system.
Animals must then be produced that are capable equiresting a much larger amount of food than in cess is the only source of profit.
The subject of manure production as a source of profit in feeding will next require consideration. In the preceding paper the term "intensive farming was used instead of high farming, but the can have no meaning in that connection.

## International Exhibition for 1878

The Canadian trophy for the Paris Universal Exposition, of which a photograph is being pre pared for submission to the English Commission,
will be 99 feet in height from the ground to the will be 99 feet in height from the ground to the
top of the flag pole, or 85 feet to to the top of the oof. It will contain four stories, with three gal
leries, and be constructed principally of walnut and pine. The following are its dimensions :Base, 30 feet; 16 feet 6 inches from the ground to
the first gallery, 16 feet to the second, 16 feet to
the third and 11 feet 6 inche thence to the third, and 11 feet 6 inches thence to the roof,
from the base of the roof to the top about 25 feet. The lower story will be filled with casess for small
xhibits, there being four cases of eleven sectione exhibits, there being four cases of eleven sections will be decorated with wild flowers. The first gal. lery will be decorated with goods, and in the ver-
andah are two cases elevated one above the other, with a roof on the top, forming a miniature tower. The cases in the centre of tological specimens and wpecimens of agricultural produce. The The gallery
above is supported by ornamented bracketa above is supported by ornamented brackets, fes-
tooned with rope and twine. The second gallery tooned with rope and twine. The second gallery
is about twenty three feet square, and will be decorated with lumbermen's tools, agricultural im-
lements, etc., while moose heads decorate each plements, etc., while moose heads decorate each
side. The third gallery will be adorned with a side. The third gallery wil be adorned wing canoe
spears, tackle, cricket bats and other sporting im-
lements, above being a large buffalo head, and on plements, above being a large buffalo head, and on
the side corn brooms. The roof will contain specithe side corn brooms. The roof will contain spoci-
mens of shingling and slating. while at the top of
the tower, on each of the four sides, is the word the tower, on each of the four sides, is the word
"Carada." There will be a circular staircase in he interior leading to the different galleries. The
trophy promises to be one of the features of the trophy prom
Exhibition.

