moisture conserving and exceptionally gratifying results have followed its adoption in the dry districts of the Central States and also in Western Editor Farmer's Advocate: Canada. Wherever summer fallowing has been

to plow down in the fall.

sow about 12 pounds of common red clover seed enriched.

M. A. C

S. A. BEDFORD.

An Advocate of Inoculation

EDITOR FARMER'S ADVOCATE:

For the department of agriculture for Saskatchewan, working through the agricultural society, I undertook to sow a quarter of an acre with alfalfa in again it will repay him more than satisfaction. the spring of 1907. The land selected was a piece Man. that had been under cultivation for fourteen years, and this was the second crop after summer fallow On 20th May I ploughed and harrowed the plot, harrowing it again in about ten days. On account of not receiving the seed I did not get the plot sown until the 21st of June. One-half of seed was treated with nitro culture, the other half sown without any treatment. It was sown with grain drill. On 3rd August, when the growth was about twelve inches high, I run the mower over the plot to clip off the ideas, in the hope that they may be of some benefit weeds. At freeze-up the treated plot had reached a to those of your readers desirous of training a young height of eleven inches, the untreated about eight dog, though I do not pose as a professional dog inches. In the spring of 1908, the treated plot came trainer, by any means. right along. On August 24th I cut and weighed the crop off two yards square of each plot. That of being one of good Scotch Collie breed (we will name treated weighed twenty pounds and that of the unit plack in this letter) the first thing necessary is to treated, three pounds. Both crops were cut the gain Jack's confidence by becoming his friend and same day. The roots of the treated plot were deep master, without either fooling with him or abusing and strong and well supplied with nodules, while those of the untreated, although going well into the had your own meal, always calling him by name, and had your own meal, always calling him by name, and

thrive best? About what date should they be sown? and hold it on edge on the floor. What rate of seeding per acre gives best results? of meat, hold it on opposite side

The west.

The sample of peas grown here are not equalled thoroughly.

The sample of peas grown here are not equalled thoroughly.

When the pup is three months old teach him to brought as cheaply, after paying the duty, as goods of home manufacture. in any other part of America, they are practically free from injury by pea weevil, mould, etc., and always lead, so that he will not be afraid of the line when he of home manufacture. weigh over the standard weight. The yield is also comes to training for cattle. Always make him walk

but Successful

EDITOR FARMER'S ADVOCATE:

I am not going to relate my own experience in or "drive hard," etc. carefully carried on a sufficient supply of moisture is saved up for several seasons.

A very valuable quality in a dog, is to understand being sent to the back field for the cows, and if the fully grown on an adjoining farm. As the method of growing it was somewhat different from anything I dog has been properly line-broken, and is now work have tried or read of it may be of some interest to ing well without line, this can easily be taught by As for the states mentioned both kinds of growing it was somewhat different from anything 1 dog has been properly line-broken, and is now work-farming is carried on. There are local conditions affecting the moisture supply of crops so that in some parts of a state irrigation is necessary while in others it is not.

As for the states mentioned both kinds of growing it was somewhat different from anything 1 dog has been properly line-broken, and is now work-have tried or read of, it may be of some interest to ing well without line, this can easily be taught by your readers. The land selected was a thirty-acre going with him, and at first send the dog say 20 rods, field of black loam, level, inclined to be damp, had or so, and see that he does his work right. Then passed its usefulness for wheat growing and was not increase the distance according to the way the dog work of the control of the cont part of June, having grown a crop of wheat the year send him, but don't forget the word of approval if he previous, and had simply lain in stubble since the does his work well. If the dog should ever have the Clover for Poor Soil

"Will it pay me to sow with my grain crop a pound or two per acre of red clover and plow the clover under in fall as a fertilizer?"

When sown with a nurse crop of grain and the grain is allowed to ripen, the clover usually makes a very poor growth and there is very little of it to plow down in the fall

previous, and had simply lain in stubble since the wheat was made to conserve the wheat was cut. No effort was made to conserve the wheat was cut. No effort was made to conserve the wheat was cut. No effort was made to conserve the wheat was cut. No effort was made to conserve the wheat was cut. No effort was made to conserve the wheat was cut. No effort was made to conserve the wheat was cut. No effort was made to conserve the wheat was cut. No effort was made to conserve the wheat was cut. It was plowed in a very hot, dry time, and was harrowed four times, twice lengthways and twice across. In the first week in July the field was seeded with a mixture of five pounds of timothy, two it as possible, then put the line on him and go after the wheat was cut. No effort was made to conserve the wheat was cut. No effort was made to conserve the wheat was cut. No effort was made to conserve the which and to constitute to get kicked, get to him as quickly as possible, sit down on the ground, and if you know a while, and in that way get him to think as lightly of the beast that kicked him, using the word for hard driving, and help the dog. If he draws blood so a very poor growth and there is very little of it to plow down in the fall. freezing-up time that year, this was about as neglected mendable in a man, but it is one of the best virtues a looking field as anyone would care to look at. The a dog can have If you wish to fertilize your soil with clover, oats and other weeds, though not thick, covered it pretty well all over, and were about two feet high. on spring plowed stubble, harrow well, then when The following year about haying time, it was not the weeds and volunteer crop is about a foot or much more promising in appearance. The crop was two high run the mower over the land and leave allowed to ripen, cut in August, raked up right after two entires on the ground. The clover will soon the mower and stacked. The timothy had shed two high run the mower over the land and leave allowed to ripen, cut in Angust, raked up light after the cuttings on the ground. The clover will soon make a large plant and by the end of August or beginning of September you will have a lot of there was a splendid crop. The clover seemed to be clover to plow under, and the land will be greatly twing thick so it would grow. Again it was what you would considered. say, as thick as it could grow. Again it was allowed to get what would be called too ripe to make first class hay. The year following though not a very favorable one, there was nearly as good a crop, and that fall the clover came up thick and strong. one who did not see these crops grow it may seem an expensive process but to that man the satisfaction of seeing his clover a real success must have repaid him and there is no doubt when wheat is grown there

Some Suggestions on Training a Dog

EDITOR FARMER'S ADVOCATE

In your issue of April 14th, I noticed several letters on the training of the farm dog, and as none of the suggestions offered come up to my ideals of training a .dog for use on the farm, I thought I would add a few

Having chosen the pup of our fancy, my preference ground, were very fine and no nodules were found on them.

Sask.

JAMES SMITH.

JAMES Field Peas As a Crop

What is the value of field peas as a farm crop in Western Canada? On what kind of soil do they teach him to jump through the hoop, i, e, take a hoop thrive best? About what date should they be sown? and hold it on edge on the floor. Now take a morsel This I think necessary for two reasons, first, to teach yield do they give per acre? reward, but if he goes around the hoop, take away both meat and hoop. In a few seconds try it again, value by the Western farmer, this is largely owing to the very general impression that they are not a success as a field crop, and partially to the practice through. Teach him about half a dozen tricks and for the West.

Vantage. But the chief element conducive to manifactures is not present—a thickly-populated country. Hence we find that we are very large importers of manufactured goods. From this, we would expect to find that protection is afforded to though them once a day, always taking the for the West. What time do they require to reach maturity? What If he goes through say, "good dog" and give him the ricks in the same order till he gets to know them

weigh over the standard weight. The yield is also comes to training for cattle. Always make him walk large, averaging at least 25 per cent. more than that behind you. When he is ten months old we will give of Ontario and 50 per cent. more than Nova Scotia. him his first lesson on cattle. Get 100 feet of cord, They thrive best on a stiff clay loam but will succeed on any good wheat land, and require less heat than wheat, for that reason some of the land too cold and backward for wheat should give good returns understand your word of approval or disapproval or disapproval or disapproval, particular case, \$135 was paid in the year as the of peas, field peas are hardy and should be sown not which should be the same all the way through. Neverther the purp while training to think on the farmer is considerable. Everything he buys is raised in price by nearly thirty cents on the dollar. When the Tariff Commission sat in Toronto, the receipts and expenditures of an average Ontario farm were laid before than wheat, for that reason some of the land too cold will learn a new command more readily and he will have the should be sown not which should be the same all the way through. Neverther than the second week of wheat seeding. Late or allow another dog near the pup while training was. I think, a typical average farm, and while later than the second week of wheat seeding. Late er allow another dog near the pup while training. was, I think, a typical average farm; and, while sowing encourages mildew, which reduces the yield. Just be the "old dog" yourself, and if you have these figures would be wide of the mark in many Use two and one-half bushels of seed for small kinds, trained him properly until now, you can teach him cases, it is safe to say that the average farmer

like White Marrowfat. Peas take about 130 days to mature in Manitoba, but ripen somewhat earlier in Saskatchewan, reversing the order of other grains which usually mature quicker in Manitoba than in the more Western provinces.

The average yield of peas on Brandon Experimental Farm is about 50 bushels per acre, and at Indian Head the command, more softly each time until you are bout 48 bushels this is on carefully prepared support in the tariff tax than in all other taxes combined. We must remember, too, that only a combined with the word of disapproval used for that purpose, great care must be taken in punishing not to spoil the dog.

Always have a firm hold on him and then repeat the command he has disobeyed. Strike him at the same time lightly, and every time you strike repeat about 48 bushels per acre, and at Indian Head the command, more softly each time until you are pay the tariff tax than in all other taxes combined. We must remember, too, that only a coffers. By far the larger portion is paid as a bout 50 bushels per acre, and at Indian Head the command, more softly each time until you are pay the tariff tax than in all other taxes combined. We must remember, too, that only a combined. We must remember, too, that only a combined with a combined. We must remember, too, that only a combined with a combined with a combined with a combined. We must remember, too, that only a combined with a com

evaporation. Thus the whole system is one of An Unusual Method of Growing Clover gained the dog. In training a dog for cattle, while still using the line, he must be taught to drive easy or hard, as you may wish. Words with proper significance must be used in commanding him, such "easy" and "come down on 'em.'

A very valuable quality in a dog, is to understand

Last, a word on the system of feeding a dog: I think more people make a mistake here, than at any other point. How often we see a piece of bread thrown out to the dog, and on butchering day see odds and ends of meat scraps thrown to him. This I consider a great mistake. Feed the dog well three times a day, at the same place, and let him have a dish of his own and teach him to sit up while you prepare his food, and wait till you tell him to take it. Then when you come to teach him to watch a pail of milk without sampling it, or a pig which you have just slaughtered and want to let cool, you will find the advantage of a proper feeding system. In conclusion when you bring home the pup, whatever you desire in the dog at two years old keep working toward that end all the way through and always make use of what the dog already knows to teach him what

JAS. W. McQUAY.

Cost of Protection to the Farmer

There are three ways in which the present system of protection works harm to the Canadian farmer. First, it increases the cost of almost everything he must buy, with no corresponding inerease in the price of what he has to sell. Second, it increases the cost of living of everyone he employs, directly or indirectly, and hence the price he must pay for their services. Third, by unduly increasing the profits of manufacturers, it places them in a position to compete unfairly with the farmer in the labor market. These effects of protection are far-reaching, and together constitute an almost fatal handicap to the farmer in his race with other Canadian industries

Canada is an agricultural country, and, unless our immense agricultural resources are wasted enormously, or our farming population ruined, agricultural products must, for a very long time, form our staple of exports. For this reason, it is a matter of common experience that the prices received here for farm products depend almost entirely upon the export trade. Prices are tixed abroad, and our protective tariff is totally power-less to raise them. On the other hand, ours is not essentially a manufacturing country. It is true we have many advantages in this line, and, unquestionably, certain lines of manufacture can be carried on here better than elsewhere, because of a supply of raw material, or some other advantage. But the chief element conducive to manu-This is most surely the case. I have talked with many importers of merchandise, and I find the

The effect of this on the farmer is considerable. pays more in the tariff tax than in all other taxes

The average yield of peas on Brandon Experimental same time lightly, and every time you strike repeat. But the larmer must also, in very large measure. Farm is about 50 bushels per acre, and at Indian Head the command, more softly each time until you are pay the tariff tax for the other classes by whom about 48 bushels, this is on carefully prepared summer; just touching him, and repeating command kindly he is served. The doctor, the lawyer, the clergy fallow. Thirty-five bushels an acre should be grown till he wags his tail. Then let him go and try him at man, the tradesman, the laborer—all fact the tariff. ow. Thirty-five bushels an acre should be grown till ne wags his tan. Then ter that go and try him at the careful farmer on well prepared summer the same work again. Repeat the command sharply ing expenses increased as the result of the tariff.

Without showing temper, and he will almost certainly they must charge more for their services if they must charge more for their services if they obey. Then use the word of approval and you have are to live. In the end, all this increased living country is that of lab cult to obtain hired h er can afford to pay. due to the at tractions least, is due to the in as high wages as oth competition that he competition can easily understand in many cases manufa protection than their consider one particula siders itself very badl ing out for more prot In 1906, the last full available, we find a

May 19, 1909

expense must be met b

turning our natural mine, the forest, the f chiefly by the farm.

One of the greatest

this indirect tax is.

to the direct tax.

tiles of \$5,764,600 of ported, chiefly, I arblankets and the coars of our homemade woo mum rate of duty i shadow of doubt that was added to the pri experience bears this almost all lines, impo as cheaply as Canadi importers of these sa same year amounting this is the case, the country received over because of the tariff. year was \$1,190,949. our manufacturing inc plain why farmers ca the labor market.

Agriculture is our our country is develor to find large increase The new forms of ag and animal doubtedly absorb mo of grain-farming. great increase in farm developing West. K may afford some food every Province east is actually decreasin ten years ending in to 65,254. That in the increase of rural only 50,000, while u 500,000, or ten time

What is the matter Why, with our great sources, are we not l What must ultimatel prosperity? How f. countable for this con well worth thought.

Wants to Far

EDITOR FARMER'S AD I propose settling of trict. I mean to breaces for the shack, wheat, oats, tame ha pasture. I will keep a that number of cows to the different crops? miles from town when farm produce. Oats 89 cents a bushel this There will be two m wondering if it will b workers to handle.

high ideal if he inten outlined roughly in poses to farm a quar tensive than is usual to keep more stock t acre farm. In advis laid out and the rota give the greatest co: greatest amount of fe be made the chief price of hay and grai much personal conce ten brood mares wit age, and maintain a dairy will make some of land. A young h mum value even at 4 successfully it certain is at least four years an average of 7 col mares, this would m and colts. If a dair at least 15 head of y be kept to allow for herd. Food for up