The bean requires a soil sufficiently rich in organic matters or old manure, and this is just the reason why it should follow crops requiring an abundant manuring such as potatoes, beets, swede-turnips. In this way, it could be grown without a new addition of fertilizers, as the soil would then contain a sufficient reserve of nitrogen.

In case of the contrary, we will dung only with rotten manure, spreading from 6 to 7 tons per acre, and yet this rotten manure will have to be perfectly incorporated to the ground by means of a disk-harrow.

Besides the amount of nitrogen fertilizers the bean particularly requires during the 3 or 4 weeks following its germination, that is pending formation of nodes on its roots, there must moreover be in the soil, and under assimilable shape, phosphorie aeid to hasten the maturity of its fruits and potash to increase the yield and grade.

Superphosphate of lime or basic slag, applied in the spring at the rate of 400 lbs per acre, will provide the quantity of phosphoric acid most of the soils of this Province, and particularly elay loams, are generally short of.

Sulphate or muriate of potash, spread at the rate of 200 lbs per acre, or failing those, wood ashes, applied in quantities of 500 to 1000 lbs per acre, will exercise, in soils relatively poor in potash and chiefly in sandy-loams, a most favorable action on the yield and quality of beans which are included amongst the "potash plants."

Preparation of the Soil

We will never insist too much on this point, because failures usually originate in the lack of care brought in the digging up and loosening of the soil.

It would be taking useless trouble, time and money thrown away than to sow beans in a soil that would not have received a preparation appropriate to this crop.

This preparation consists in plowing the ground in the fall so that it may benefit of the salutary action of the frost which contributes to its desaggregation, to make it porous, permeable and loose, and to destroy many insects and weeds.

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