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WINTER MANAGEMENT OF STOCK.

THERE is, perhaps, no part of what is designated the mixed system of husbandry of greater importance than the breeding and proper treatment of live stock. Cattle and grain most beneficially act and react upon each other. The domesticated animals of the farm, in addition to their current market value either for the breeder or the butcher, may be regarded as living machines for the elaboration of the most valuable kinds of manure for promoting the growth and maturity of the cereals and root crops; the latter of which now occupy so prominent a place in all the improved systems of modern agriculture.

Much attention has been paid of late years in Canada to the improvement of the breeds of cattle, sheep, and swine, and several enterprising individuals in different sections of the Province, have incurred very heavy outlays in importing from the United Kingdom and the neighboring States excellent specimens of the most approved modern breeds. This preliminary step necessarily involves both a heavy expense and considerable risk; and it cannot be too often insisted on that a very large portion of the benefit of such importations and subsequent improvements in breeding, must essentially depend upon the *after treatment* of cattle. The obtaining of superior animals is most unquestionably an important and expensive step; but it should be borne in mind that it is after all only *preliminary*, and that success and profit mainly depend upon the general management which is afterwards pursued.

In a climate like ours, the winter management of stock is of particular importance, and demands the most earnest attention of every improving farmer. The first considerations are a *proper supply of nutritious food and shelter*. Cattle not only require a sufficient daily amount of nutritious food, such as good hay and roots, but during our long and rigorous winters, their warm and comfortable