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MANUFACTURED FOODS FOR CATTLE.

Among the most obvious and important improvements in modern agriculture may justly be included the superior breeding and management of live stock. It is now well understood, and in some degree generally practised, that the improved breeds of the domesticated animals of the farm, in order to sustain their excellence, necessarily require a liberal and systematic course of feeding. Hence the general introduction of root crops into arable husbandry; the cutting of hay and straw, and steaming them with turnips, carrots, linseed, &c., for the sustentation of animals. These processes have unquestionably been marked improvements; a much less amount of raw food, by mixture and artificial preparation, has been made to support and fatten cattle in a much more effectual manner than could have possibly been accomplished under the old systems of agricultural routine.

Very recently a bold step in advance has professedly been taken in England, which, if one half that has been said of it be true, it would mark quite a distinct and important era in this department of agricultural progress. Foods artificially composed, containing nutritious ingredients, it is said, in a highly concentrated state, have been offered to the farmer; and as some of these have found their way into Canada (Thorley's for instance,) our readers may not feel altogether uninterested in the subsequent remarks.

In the last part that has come to us of the *Journal of the Royal Agricultural Society of England*, a very clever paper appears from the pen of that extensive and well known experimentalist, J. B. Lawes, Esq., F.R.S., on this interesting and important subject. As we have not had the opportunity of testing any of these preparations, nor of knowing any one who has on this side the Atlantic, we will endeavour to place in a familiar light the results at which Mr. Lawes has arrived after a careful investigation of the subject.