

**AGRICULTURAL**  
**JOURNAL**  
 AND  
**TRANSACTIONS**  
 OF THE  
 J. J. WELCH  
**LOWER CANADA**  
**Agricultural Society.**

Vol. 4.

MONTREAL, JUNE, 1851.

No. 6.

**AGRICULTURAL COLLEGE AND MODEL FARM.**

In the April number of the Journal, we submitted our estimate of the expense of establishing an Agricultural School and Model-Farm. Our estimate may not be perfectly correct, but we believe that the amount would be amply sufficient to commence with. We shall now endeavour to show what returns might be expected from a farm of 200 arpents, furnished with stock, implements, &c., as we proposed, and managed by a superintendent that would be competent for such an establishment.

We will suppose that the farm should be purchased in a suitable situation, not too near our cities, and that it should be taken possession of in time to execute the fall ploughing, say by the 1st of September. Two ploughs would, by commencing about that time, be able to plough before the winter at least 100 arpents of land, and that would be sufficient for the first year.

These horses would have to be employed during the winter in collecting manure, and a sufficient supply might be collected of farm-yard and special manures for the farm the following Spring. The 100 arpents that would be ploughed might be put under crop the first Spring. The amount allowed for the purchase of manure (£100,) would be sufficient for the purpose. Thirty arpents should be put into green crop—potatoes, beets, mangle-wurzel, carrots, parsnips, turnips, &c. Five arpents under vetches or tares, mixed with oats, to feed stock in July and August as green food when grass would begin to fail; there might be also five arpents of oats, rye, or indian-corn, (the latter sown broad-cast), to be cut as green food for cattle. If the land was suitable twenty or thirty arpents might be sown of wheat of different varieties, and manured with special manure of various kinds by way of experiment. This wheat land we would propose to sow