

possesses more vigor and vitality than that produced in more southern latitudes, which makes it more valuable for seed.

Comparing Manitoba and the Northwest Territories with Ontario and the Provinces East, the tests thus far made shew the following averages:

N. W. PROVINCES.		EASTERN PROVINCES.	
PROPORTION OF VITALITY.		PROPORTION OF VITALITY.	
Wheat.....	.96 per cent.	Wheat.....	.92 per cent.
Barley.....	.97 “	Barley.....	.73 “
Oats.....	.95 “	Oats.....	.65 “

We give the above figures without comment as they are published by the Dominion Government. But we have still further evidence to offer on this point, and we are in a position to prove that not only does Manitoba barley produce first class malt, but also that the malt gives a much better return to the brewer than that manufactured from any other barley grown on this continent.

The Canada Malt Company, of Detroit, Michigan, U. S., who also have a brewing establishment in that city, received from us this year between 30,000 and 40,000 bushels of Manitoba barley. The following statement from them may be depended on as correct:

“We are well satisfied with your barley shipments. We prefer the brighter descriptions, but it all grows well and evenly. We send you a sample of the malt made from the best barley and also an average sample of the whole and you can judge for yourselves. We have a letter from a customer in which he states “I got 1½ barrels for 100 bushels more ale out of the Manitoba malt than I got out of the same quantity of best California.” We also gave instructions to our brewer to make three special brewings, one from Manitoba barley, one from best western barley and one from Ontario barley, in order to fairly test their respective merits. *The result was four and one-half barrels more ale per 100 bushels from Manitoba malt than from western, and greater gravity; and four barrels more per 100 bushels than that produced from same quantity of Ontario malt.*”

Of the samples of malt sent we may state that the best quality was as nearly perfect as could be desired. The average of the lot showed a vitality of ninety-eight per cent.; very conclusive evidence as to the germinating power of Manitoba barley.

The barley shipments made by us came from all sections of the country, the Stonewall district furnishing the brightest samples. The average of the barley carried by the Manitoba and Northwestern Railway was very good in quality, and cleaner than the majority of the barley received from the south and west; and we cannot see any reason why the barley of one section should not compare favorably with that raised in any other part of the country.

With regard to the seed to be used, it is the best policy to grow what our customers, the Americans, require. Four or six rowed barley is about the only description they will purchase, and as mixing old with new barley, or 2 rowed with 6 rowed, will ruin the whole for malting purposes, it should be avoided.

The best and cleanest ground should be chosen, free from weeds or the droppings from last season's crop, and as this crop comes in ahead of wheat great care should be taken in building and stooking up, and covering with cap sheaves to secure it from dew or rain. Many farmers cut their barley and leave it lying on the ground for weeks just as it came from the reaper. The top sheaves should all be carried and threshed by themselves; the barley is just as good for seed, while the better preserved barley in the stook will yield brighter grain and bring full prices.

If the farmers of Manitoba will make up their minds to produce such barley as we have described, they can rely upon obtaining the very best prices prevailing, for there is no doubt but that a good demand will spring up. Malsters want the best barley that can be had, and if they can procure it in Manitoba they will send their orders here. We advise farmers to get ready to supply them. We have good hopes of obtaining lower freight rates in the near future, the benefit of which will go to the producer, and make the raising of barley even more profitable than it has been in the past. The crop is a sure one in this country if properly taken care of. Let farmers use only the best and cleanest of seed, have the ground properly prepared, give strict attention to sowing and harvesting, properly thresh and clean the grain, deliver early in the season, and the result will be highly satisfactory.

WINNIPEG, MAN., 3RD APRIL, 1888.

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