

Swedes.—A fair coat of dung and 40 lbs of phosphoric acid = 500 lbs. of Capelton "plain superphosphate." Single to 10 inches apart. For some reason that is dark to me, M Séraphin Guévremont, of Sorel, has always succeeded so much better with swedes than with mangels, that he has entirely given up sowing the latter. On heavier soil I fancy the reverse would be the case, particularly if the turnip-fly is prevalent. M. Guévremont has never been troubled with that beast.

If the seeds of mangels, carrots, and parsnips are steeped and sprouted, they must be sown by hand in a furrow, about an inch deep, made by the hoe. In a late season, as most of our seasons are, this will pay for the trouble. I have had parsnip-seed six weeks in the ground before coming up, and I leave you guess what the weeds were like before hoeing. The crop cost three times as much to single and keep clean

as to hoeing in a few days. Here, in the province of Quebec, there are so few farmers who grow roots, particularly among the French Canadians, that it is rare to find a man who understands the use of the hoe. The following list of prices, by the acre, will give some idea of the variety of cost in different places :

South Wales	\$2.00	for singling and 2nd hoeing ;
Kent.....	1.80	do do
Morton, Lanblethian (Scotland).....	1.44	do do
East Lothian (do).....	.90	do —
Forfarshire (do).....	.65	do —
Sorel, Que., (M. Guévremont)	2.40	do —
Waterville (M. Vernon).	1.75	do —



SHORTHORN BULL, NEW YEARS GIFT.

SOLD AT THE SALE OF HER MAJESTY THE QUEEN FOR 1,000 GUINEAS TO THE EARL OF FEVERSHAM.

as did the carrots and mangels alongside of it—steeped and sprouted before sowing. I know the handy little seed-drills are very fascinating and economical in a busy time, but, depend upon it a few hours saved in sowing may cost you many hours work in singling (1)

Cost of singling roots—The cost of singling roots varies, of course, with the rate of wages paid for day-labour in the district concerned, and with the skill of the farm-people who do the work, which skill depends upon the more or less quantity of such work each has to do in the season. In Scotland, where at least one-seventh of the whole farm is every year in roots, men and women are so accustomed to single and hoe swedes, &c., that they get over an almost incredible superfi-

In the four last cases, I have no data to go upon as to the cost of the second hoeing, but I know a handy man, or even a woman, can hoe *along* the rows, as I mentioned above, at the rate of an acre a day.

Thus, even at our Sorel prices, \$2.40 for singling and a dollar for second hoeing, the whole cost of manual labour only amounts to \$3.40 an acre. So, a fair crop of roots, say, 800 bushels, would cost for hoeing less than half a cent a bushel !

Practical test of milk by the Babcock method.

DESCRIPTION AND MANIPULATION.

A lecture given at the Montmagny Meeting of the Dairy-men's Association ; By M. H. Nagant.

Last year, we had the satisfaction of announcing to our readers (see the April No. of the Journal of Agriculture for

(1) The Planet Jr. seed-drill did sow steeped carrot-seed well in the hands of Mr. Gylling at Sorel !
A. R. J. F.