

2. It is unnecessary to cover mangels. If you desire to use some covering, sacks would be preferable. Iron is a rapid conductive medium, and would be harmful.

3. This has not been tabulated. In practice it is recognized that mangels do not exercise so laxative an effect after storage as when consumed direct from the field.

4. Corn and grass are fed down to encourage stooling. No definite height can be stated, but when the greater part of the crop is exhibiting vigour—say, 6 in. to 8 in.

5. If the land requires a green crop to be ploughed in, it is most probable that a fertilizer will be necessary to enable it to produce a bulky crop for effective green manuring. A light crop would be useless. It is also likely that on such lands a fertilizer would be valuable for the crop that follows after the ploughing in.

6. Fertilizers, except those of nitrogenous elements, can be applied in autumn. Therefore kainit may be used now.

TANSY (*Tanacetum vulgare*).

“COUNTRY” writes,—

Would you please tell me the name of the plant a piece of which I enclose. If it is a bad weed, would you tell me the best way to get rid of it.

The Biologist replies,—

The plant sent is tansy (*Tanacetum vulgare*). This is a European plant found in various localities throughout New Zealand. It is not a serious weed.

PLANTATION AND SHELTER TREES.

MR. LESLIE O'CALLAGHAN, “Leslie Downs,” Sherwood, Fairlie, writes,—

Could you kindly let me know next issue what are the best plantation and live-hedge trees to plant in this district. I am getting good results in *Pinus insignis*, but would like some other varieties of plantation and shelter trees. Our altitude is 1,750 ft. to 2,000 ft., about thirty miles from the coast.

The Orchards, Gardens, and Apiaries Division replies,—

The following trees should prove very suitable for plantation and shelter planting in your district: *Pinus muricata* (Bishop's pine), a dense-growing tree, and one of the best for shelter planting; *Pinus austriaca* (Austrian pine), splendid shelter tree, timber suitable for posts; *Abies douglasii* (Douglas fir), timber valuable; *Pinus ponderosa* (Bull pine), produces valuable timber.

HOLSTEIN COW DOMINO III.

“ARGUMENT,” Kaupokonui, writes,—

Would you kindly inform me if Mr. Kyle, the Ayrshire breeder, ever owned the Weraroa Holstein cow Domino III. I have been told that on the day Domino III made 113 lb. of milk it cost the value of the milk to feed her. Is that so?

The Director of the Fields and Experimental Farms Division replies,—

This animal was bred by Mr. J. C. N. Grigg, Longbeach, and was purchased from him by the Department of Agriculture in 1910. On the day that Domino III gave 113½ lb. milk she received, besides grass, 10 lb. chaff and 2 lb. pollard, costing 6d. The value of the milk and progeny produced by Domino III since her purchase three years ago is £578 5s. 10d. As far as I am aware, Mr. Kyle, the Ayrshire breeder, never owned this animal.