

The use of nitrate of soda to supplement this for plants that have a larger nitrogen-requirement has been previously referred to.

In cases where a partial supply of animal-manure is used, this should be supplemented by suitable fertilizers, using minimum amounts.

Crop-requirements may be stated as follows:—

Requiring principally phosphates, with a liberal supply of potash and a small supply of nitrogen: Turnips, carrots, beetroot, parsnips, radishes.

Principally potash, with a moderate supply of phosphate and a small amount of nitrogen: Potatoes, onions, leeks, artichokes, shallots. (This is not to be taken to mean that the potash should be largely increased in amount or be greater in amount than the phosphate. It means that the maximum of potash should be used and an amount of phosphate lower than the maximum stated.)

Principally nitrogen, with a liberal supply of phosphate and a small amount of potash: Cabbages, spinach, celery, asparagus, cauliflowers, rhubarb.

Phosphates and potash, with a small amount of nitrogen: Peas, beans, melons, marrows, pumpkins, cucumbers, tomatoes.

It seems necessary to add that onions and leeks are rightly placed with those plants that have special potash requirements, but they are benefited by a greater amount of nitrogen than are the other plants they are bracketed with, responding well to nitrate of soda, as stated earlier. Peas are usually regarded as having no need for applied nitrogen, but these are exceptional cases in which they do require it. Where they are lagging in growth for no apparent reason a dressing of nitrate of soda should be tried.

### REGISTRATIONS OF FACTORIES, ETC., UNDER THE DAIRY INDUSTRY ACT: 30th April, 1923.

District.	Creameries (Butter).	Factories (Cheese).	Dual Plant (Butter and Cheese).	Private Dairies.		Packing- houses (Milled Butter).	Totals.
				Butter.	Cheese.		
Auckland ..	71	52	6	..	..	2	131
Taranaki ..	20	89	23	2	..	..	134
Wellington ..	17	60	7	..	..	7	91
Hawke's Bay ..	11	17	4	..	..	..	32
Nelson ..	6	4	1	..	..	7	18
Marlborough ..	4	6	1	..	..	..	11
Westland ..	7	3	..	..	..	..	10
Canterbury ..	12	15	2	..	3	..	32
Otago and Southland	17	80	..	..	..	..	97
Totals ..	165	326	44	2	3	16	556

Seven milk-powder factories (four whole-milk and three skim-milk plants), one condensed-milk factory, and three casein-drying factories are also established in the Dominion.