

order: chou moellier, Thousand-headed kale, Succession cabbage, and Drumhead cabbage. The preference of the sheep for chou moellier was most marked. There can be no doubt that for a winter forage crop chou moellier has a great deal to recommend it. Even on club-root infected ground chou moellier, although susceptible to the disease, is not seriously damaged by it; and, as a matter of fact, club-root does not seem to materially affect the growth of the plant. As a fodder for dairy cattle it is difficult to surpass, and the fact that it does not taint milk makes it, from a dairy-farmer's viewpoint, an excellent crop to grow for both summer and winter feeding.

SOFT-TURNIP VARIETIES.

A block of different varieties of soft turnips always appeals to the Southern farmer, who depends to a very large extent on turnips for winter feeding. The regular practice of testing different varieties of turnips on the Gore area was again carried out, and an area of 2 acres was devoted to this purpose. The turnips were sown in ridges on 18th December, at 1 lb. per acre, with the same manure as for the rape (1 cwt. per acre each of Nauru phosphate, blood-and-bone, and super). Nineteen varieties were sown, and observations in regard to their freedom or otherwise from attack of club-root were noted, the results being as follows:—

Variety.	Yield per Acre.		Infection by Club-root.
	Tons	cwt.	
Paragon Red (Canterbury-grown seed) ..	21	2	16.6 per cent.
Hurst's Devonshire Greystone	20	2	Very slight.
Smith's Improved Green Globe	25	3	Very slight.
Hurst's Purple-top Aberdeen	16	7	Very slight.
Hurst's Fosterton Hybrid	19	16	2 per cent.
Hurst's Imperial Green Globe	25	3	2 per cent.
Hurst's Centenary	26	16	Slight.
Hurst's Green-top Aberdeen	16	7	7 per cent.
Garton's Hardy Green Globe	27	17	Slight.
Deep Golden Yellow Long Keeping	19	16	Slight.
Smith's Purple-top Bullock	21	0	Slight.
Webb's New Renown	21	8	10 per cent.
Webb's Purple-top Scotch	15	10	22 per cent.
Webb's Yellow Tankard	24	13	Slight.
Kelway's First-in-the-Field	22	6	Slight.
Kelway's Green Ring	29	9	Slight.
Smith's Sittyton Prize Green-top Yellow	22	10	4 per cent.
Garton's Hardy Green Globe	25	9	9 per cent.
Hardy Green Globe (Canterbury-grown seed) ..	26	16	3 per cent.

The above gives no true indication in regard to the relative yields of the respective varieties, and is merely included in this report with the object of showing that the majority can quite safely be tried out on the farms of the district. In regard to the last two plots, the area laid out in each of these varieties was approximately $\frac{1}{2}$ acre. The two varieties made a very interesting comparison, and a marked superiority of the New Zealand seed over the European was noted. The ultimate yield recorded for the former was higher; but by far