

is, in general, distributed to selected farmers in suitable areas with a view to its further multiplication under the Department's certification scheme. The following table sets out the extent of operations during 1947:—

Seeds produced under Contract during 1947

Variety of Seed.	Quantity of Seed produced.	Purchase Value of Seed produced. £
Perennial rye-grass	3,313 bushels	5,503
Italian rye-grass	2,540 bushels	2,064
Short-rotation rye-grass	3,124 bushels	2,655
Montgomery red clover	2,567 lb.	638
White clover	4,822 lb.	1,005
Cow-grass	700 lb.	114
Lucerne	2,390 lb.	444
Oats	983 bushels	247
Rape	16,703 lb.	432
Peas	533 bushels	400
Lupins	90 bushels	52
Swede	57 lb.	4
Maize	826 bushels	599

Seed Certification.—The volume of seed handled under the Department's certification scheme is very satisfactory. More than two-thirds of the perennial rye-grass, short-rotation rye-grass, brown-top, white clover, Montgomery red clover, rape, turnip, swede, and onion seeds produced in New Zealand is either certified or Government approved. The following table shows the quantities of seeds certified during 1946 and 1947:—

Seed.	1946.	1947.
Perennial rye-grass	550,675 bushels	1,015,804 bushels
Italian rye-grass	284,288 bushels	178,941 bushels
Short-rotation rye-grass	48,449 bushels	174,443 bushels
Cocksfoot	477,961 lb.	469,317 lb.
Brown-top	773,209 lb.	563,939 lb.
Timothy	25,020 lb.	6,725 lb.
White clover	3,654,326 lb.	3,182,936 lb.
Montgomery red clover	927,834 lb.	519,344 lb.
Cow-grass	141,479 lb.	303,607 lb.
Subterranean clover	4,241 lb.	34,337 lb.
Lucerne	3,050 lb.	2,194 lb.
Seed wheat	39,820 bushels	98,963 bushels
*Seed maize	1,207 bushels	806 bushels
Rape	311,918 lb.	487,222 lb.
*Turnip	5,499 lb.	9,310 lb.
*Swede	424,173 lb.	295,255 lb.
Chou moellier	41,633 lb.	..
Onion seed	10,478 lb.	5,000 lb.
Seed potatoes	7,651 tons	6,799 tons

* This seed is termed " Government approved."

A further marked increase in the production of short-rotation rye-grass seed under certification has taken place, and this, to some extent, may account for the falling-off in the production of certified Italian rye-grass seed. The production of certified cocksfoot seed has been well maintained, despite the appreciable falling-off in the total amount of this seed which has been harvested.