



Montgomery red clover seed production should be concentrated on good, second-class country where satisfactory yields of good quality seed are obtained.



Cover crops are satisfactory provided they do not result in a smother of the establishing clover plants.

	Areas, Acreage.	
North Island (mainly Hawke's Bay)	25	152
Marlborough	1	5
Canterbury (north of Waimakariri)	30	326
Canterbury (Waimakariri to Rangitata)	35	485
Canterbury (south of Rangitata)	155	2,111
North Otago	40	663
Central Otago and Maniototo	8	66
Otago (Waihemo and Waikouaiti Centres) .	52	424
South Otago and Southland	12	149
	<u>357</u>	<u>4,381</u>

Soil Requirements

Although Montgomery red clover as a grazing proposition is valuable over a fairly wide range of soil conditions, experience has shown that seed production should, on the whole, be concentrated on the better second-class country. On heavy rich country it grows very luxuriantly, and the large amount of leaf and stem produced is out of all proportion to the amount of seed set. This luxuriant growth results in a large amount of material to cut, dry, stack and thresh, all of which operations take place from late autumn to midwinter.

In addition, there is the quality of seed to be considered. Heavy lying crops will usually produce a large proportion of partly formed browned seed, which is disliked by the seed trade. On the other hand, crops on the lighter land produce a much lower proportion of useless leaf and stem and a much better quality of seed.

Class of Seed To Sow

In order to obtain the maximum returns from Montgomery red clover seed production, only the best seed should be sown—and the best seed is one of the higher grades of certified seed, the produce from which may also be certified.

The following shows the present position in regard to the various classes of seed available, and the class of seed which may be produced from the first harvest of each, subject, of course, to a satisfactory report following field inspection:—

- (1) Government Stock Seed produces Pedigree Seed.
- (2) Pedigree Seed produces Mother Seed.
- (3) Mother Seed produces Permanent Pasture Seed (First Harvest) (a).

(4) Permanent Pasture Seed produces Uncertified Seed (b).

(5) Uncertified Seed produces Uncertified Seed (b).

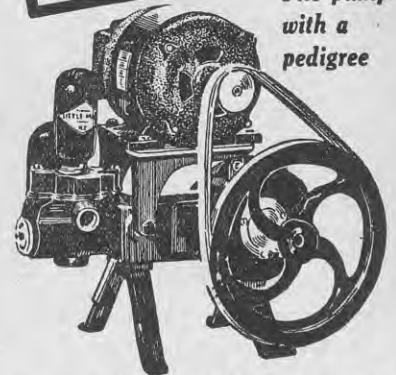
NOTE:

(a) Subject to a satisfactory plot trial report, Mother seed may be produced in the second and subsequent harvests.

(b) Subject to a satisfactory plot trial report, Permanent Pasture or



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