

Name of Species.	Buchanan.	J. C. and J. B. Armstrong.	T. Kirk.	J. B. Armstrong.	Petrie.	Cheeseman.	Cockayne.	Remarks.
<i>Poa Kirkii</i> ..	..	..	..	3	..	3	..	..
— <i>Lindsayi</i> ..	2	4	..	..	..	..	I	At best could only give a small amount of feed.
— <i>exigua</i> ..	2	..	..	..	..	..	..	A small, rare alpine plant.
— <i>maniototo</i> ..	..	..	..	..	..	..	..	A very small grass of limited distribution except in Central Otago.
— <i>sclerophylla</i> ..	..	0	..	..	..	..	..	..
— <i>imbecilla</i> ..	..	..	4	4	..	3	..	..
<i>Festuca novae-zelandiae</i> ( <i>fescue-tussock</i> )	2	4	..	4	4	..	I	But 4 after burning.
— <i>species</i> ..	..	..	..	..	..	..	..	..
<i>Agropyron scabrum</i> ( <i>blue-grass</i> )	2	2	..	3	4	5	..	I This may be a palatable grass. It usually grows amongst tussock where sheep cannot reach it.
— <i>aristata</i> ..	..	..	..	..	4	..	..	..
— <i>Youngii</i> ..	..	..	..	..	..	..	..	A large form of <i>Agropyron scabrum</i> .
<i>Asperella gracilis</i> ..	..	..	..	..	..	..	..	..

### TESTING OF SOILS: NOTICE TO FARMERS.

IN view of the great importance of lime on New Zealand soils, the present shortage of phosphates, and the fact that the use of phosphates may be economized by the application of lime, it has been decided to examine any soils which are properly collected by a Fields officer of the Department, for the purpose of determining the amount of lime which such soils actually require.

For this purpose it is desirable that groups of farmers, such as those forming the local branches of the Farmers' Union, or other farmers' organizations, should approach any one of the following Fields officers, and get him to appoint a date for visiting their district and for collecting typical soils for testing: Mr. R. Rowan, Fields Instructor, Auckland; Mr. J. W. Deem, Fields Instructor, Wanganui; the Fields Instructor, Hawke's Bay (position vacant); Mr. A. Macpherson, Fields Instructor, Christchurch; Mr. J. W. McCulloch, Fields Instructor, Invercargill; Mr. C. S. Dalglish, Fields Instructor, Hokitika.

Farmers will note that—

(1.) It is essential that the samples should be collected by an officer who has been specially instructed in the correct methods of soil-sampling, in order that the results of the test may be dependable.

(2.) The testing of these samples, in order that it may be expeditiously performed, must be limited to the question of what amounts of lime are required per acre.