

LIST OF RECORDS—*continued.*

Name of Cow and Class.	Tested by	Age at Start of Test.	Fat req'd for Cert.	Yield for Season.		
				Days.	Milk.	Fat.
<i>Second-class Certificates.</i>						
<b>Jerseys.</b>						
<i>Junior Two-year-old.</i>		Yrs. dys.	lb.		lb.	lb.
Woodstock Flaunt ..	A. Banks and Son, Kiwitea	2 4	240·9	365	8,849·7	520·98
Penrose Superior ..	J. B. Clemow, Stratford ..	1 352	240·5	365	8,435·6	463·49
<i>Senior Two-year-old.</i>						
Betty Kilcoy ..	C. Stevens, Maungatapere ..	2 342	274·7	223	6,648·7	298·33
<i>Three-year-old.</i>						
Holly Oak Peeress ..	A. J. Miller, Uruti ..	3 320	309·0	365	10,611·3	623·24
Vibrona's Fancy ..	J. R. Colson, Waihou ..	3 8	277·8	365	7,830·6	487·82
<i>Four-year-old.</i>						
Charity's Sweet ..	J. H. Street, Bell Block ..	4 278	341·3	220	7,710·0	391·52
<i>Mature.</i>						
Darling Downs Pride	J. H. Street, Bell Block ..	5 342	350·0	365	9,384·7	527·06
Golden Gracey ..	A. Hazelton, Waihou ..	7 314	350·0	364	7,315·7	472·13
Gowanbrae K.C. Rose	M. R. E. Saxton, Stoke ..	5 4	350·0	365	7,862·9	457·25
<b>Friesians.</b>						
<i>Junior Two-year-old.</i>						
Ada Pietertje of Fencourt	J. H. Jamieson, Fencourt ..	2 13	241·8	365	12,471·8	495·73
<i>Senior Two-year-old.</i>						
Ryington Pontiac Holly	A. M. Hodgson, Tamahere ..	2 349	275·4	351	10,793·1	410·41

## THE BEET-SUGAR INDUSTRY IN VICTORIA.

THE Maffra district of Victoria, where the beet-sugar industry of that State is located, was visited recently by Mr. J. W. Deem, Instructor in Agriculture, who makes the following brief observations:—

This industry appears to be doing much better now, and the Maffra factory has shown a good profit during the past two seasons. Several of the local farmers grow upwards of 100 acres of sugar-beet. The seed is sown with a light coultter drill at the rate of 12 lb. to 14 lb. per acre, in drills 18 in. apart, the average drill sowing four rows at a time. Seed is imported by the factory and retailed at cost price, which for the past year or two has worked out at rs. per pound. Most growers use fertilizers, chiefly superphosphate, at from 2 cwt. to 4 cwt. per acre. Two-thirds of this is drilled into the ground during the preparation, and the balance sown with the seed. There is at present a tendency to discontinue rolling before drilling, and to roll when the seed is through the ground. The beets are hand-thinned to about 12 in. in the drills. Intercultivation is carried out by a four-row cultivator of the Planet Jr. type. A yield of 20 tons is considered a good crop, and the beets were worth 40s. per ton at the factory last year. The roots are lifted by machinery and topped in the field. When these tops dry a little they make splendid sheep-feed, and up to twenty sheep per acre have been fattened on them. After the sugar has been extracted, the pulp is stored in a large silo and sold to farmers at from 1s. to 5s. per ton.