

TIMOTHY.

Laboratory test Number.	Where obtained.	Grade as Named by Merchant.	Per cent Germination	Per cent Purity.	Total Number of Weed Seeds, per lb.
410.....	Armstrong.....	"Globe".....	98	100	0
414.....	".....	"Local".....	99	99.9	0
415.....	".....	"2nd".....	96	90	43,775
418.....	".....	"Beryl".....	99	99.2	0
475.....	Vancouver.....	".....	98	99.75	5,850
491.....	".....	"XXX".....	96	99.99	225
492.....	".....	"Globe".....	97	99.9	225
498.....	Victoria.....	".....	93	98.5	3,600
506.....	".....	".....	98	99.7	225
520.....	".....	".....	73	99.8	0
527.....	Kelowna.....	".....	96	99.7	1,125
524.....	Nanaimo.....	".....	100	99.9	225
531.....	Vancouver.....	"Pine Tree".....	99	99.8	450
549.....	Kamloops.....	".....	98	99.9	225
554.....	Enderby.....	".....	63	100	0
558.....	".....	"Local".....	99	98.8	1,350
559.....	Kelowna.....	"Pine Tree".....	98	98.9	9,225
560.....	".....	"Globe".....	96	100	0
566.....	Vernon.....	".....	94	99.3	0
574.....	".....	"Globe".....	94	99.8	450
562.....	New Westminster.....	".....	100	95.1	15,750
593.....	Victoria.....	".....	98	99.6	4,050
598.....	Ladner.....	"Local".....	99	66.4	6,975
599.....	".....	".....	97	81.5	2,475
601.....	".....	".....	99	97.8	4,500
605.....	Nanaimo.....	".....	98	99.9	225
606.....	".....	"XXX".....	98	99.9	450
615.....	".....	".....	97	99.9	0
621.....	".....	".....	98	99.9	450
622.....	Victoria.....	".....	97	99.9	675
632.....	".....	".....	90	99.6	5,175
633.....	Duncans.....	".....	98	99.8	325
635.....	".....	".....	98	99.5	3,825
640.....	Chilliwack.....	".....	98	99.8	675
644.....	".....	".....	73	99.8	225
645.....	".....	"Local".....	99	93	16,200
649.....	".....	".....	98	99.9	675
651.....	".....	".....	98	99.9	0
653.....	Kamloops.....	"Pine Tree".....	96	99.9	225
659.....	".....	"XXX".....	98	100	0
664.....	".....	"Globe".....	94	100	0
672.....	".....	".....	99	98.8	0

There were no violations of the Seed Control Act, in the sale of Timothy seed in British Columbia. The weed, the seed of which is most prevalently found, is Sheep Sorrel. No. 415 contained 40,500 seeds of it per lb.; No. 559, 9,225 per lb.; No. 582, 15,750 per lb.; No. 598, 4,725 per lb. and No. 601, 4,275 per lb. No. 632 contained 2,250 seeds of Cinquefoil per lb. No. 598 contained over 30 per cent of Alsike and No. 599 had a considerable proportion of both Alsike and Red Clover. While these are impurities, they retail at a higher price than Timothy and are often mixed with it for sowing; the buyers would therefore not consider this mixing as objectionable. With these two exceptions and those of the samples named above, the purity of the Timothy in British Columbia is very good. With the exception of Nos. 520, 554 and 644, evidently old seed, the vitality is uniformly good.

OTHER GRASSES.

The grasses other than Timothy are not grown extensively. A small amount of Orchard grass is used for hay production, particularly on Vancouver Island. Red Top is also used to a slight extent for the same purpose. The Blue-grass and the Rye-grasses are used for lawns and permanent pastures, but the sale of seed is quite limited.