

## NEW BRUNSWICK.

## RED CLOVER.

Sample Number.	Where obtained.	Market Price per Bushel.	Weight of pure and Germinable Seed in 100 pounds.	PER CENT. GERMINATION.		Actual cost of Living Seed per Bushel.	Number of Weed Seeds per pound.
				In three Days.	In ten Days.		
		¢ cts.	Lbs.			¢ cts.	
1	St. John .....	7 35	90	93	95	8 16	13,500
2	" .....	7 50	85	83	87	8 82	14,850
3	Bathurst .....	7 20	66 6	96	90	10 81	38,340
4	" .....	6 00	86	90	93	6 97	21,210
5	Middle Southampton .....	7 25	78 5	86	86	9 17	17,145
6	St. Stephen .....	8 40	91	92	94	9 23	4,365
7	Sussex .....	8 40	91	90	93	9 23	4,005
8	" .....	8 40	86	95	98	9 76	2,885
9	" .....	7 20	85	91	92	8 47	10,635
10	Bathurst .....	8 40	89	80	90	9 43	2,430
11	" .....	8 40	49	37	71	17 14	40,635
12	" .....	6 00	91 6	94	95	6 34	225
13	Perth .....	7 80	92	95	97	8 47	9,630
14	Perth Centre .....	7 80	86	86	91	9 06	8,505
15	Woodstock .....	7 20	80	91	94	9 00	9,135
16	" .....	7 80	93	94	96	8 38	1,485
17	" .....	7 80	92	94	97	8 47	6,435
18	" .....	7 80	95	93	96	8 84	3,870
19	Andover .....	7 40	97	96	98	8 04	180
20	" .....	7 20	87	89	91	8 27	4,590
21	Bathurst Village .....	6 60	86	88	94	7 67	20,565

Only one out of twenty-one samples obtained in the province of New Brunswick had been taken from seed grown in the province. Sample No 14 was reported to have been grown by a Carleton county farmer. Practically all of the Red Clover seed offered in New Brunswick has been obtained from Montreal and Toronto wholesale houses.

One lot obtained from Bathurst, sample No. 11, was very bad. A ten gram sample (about one-third of an ounce) of this seed contained the following weed seeds: Lamb's-quarters, 80 seeds; Stickseed, 4; Canada Thistle, 21; Catnip, 17; Mayweed, 5; Barnyard Grass, 1; Curled Dock, 44; Green Foxtail, 303; Yellow Foxtail, 3; Panicum glabrum, 15; Plantain, 8; Bull Thistle, 1; Black Medick, 55, and Black Bindweed 2; in addition to having 9 seeds of White Clover; 245 of Timothy and 953 of Alsike. Three of the samples contained Charlock or Wild Mustard, namely, samples Nos. 2, 3 and 15. Three of the samples, Nos. 2, 3 and 11, each contained eighteen or more species of weed seeds.

With the exception of No. 11, all the samples showed a high percentage germination during the first three days, only a few of them, however, were reasonably pure.

Twelve out of the twenty-one samples contained over 5,000 weed seeds per pound, eight of which contained over 10,000 weed seeds per pound. Their general appearance as well as the results of their analysis is quite in keeping with the statement made by one of Toronto's prominent seedsmen:—"Certain districts in the eastern provinces are an excellent dumping ground for the screenings of the western grown seed."