

The work above described was repeated upon eight separate ounces taken from sample 68608—with results as below:—

	Lamb's Quarters. <i>Chenopodium album.</i>	Tumbling mustard. <i>Sisymbrium altissimum.</i>	Stinkweed <i>Thlaspi arvense.</i>
A.....	32	0	1
B.....	35	11	0
C.....	24	13	0
D.....	34	20	1
E.....	42	9	0
F.....	38	4	0
G.....	33	4	0
H.....	30	6	1
Total.....	277	67	3
Average per ounce.....	34.6	8.3	0.4

The last two species are included among noxious weeds, and the findings per pound, calculated from separate counts upon portions of one ounce, are as below:—

	Noxious weed seeds per pound.
A.....	16
B.....	176
C.....	208
D.....	336
E.....	144
F.....	64
G.....	64
H.....	112
From average.....	139

Noxious weed seeds are in excess of the legal limit, except upon the count of the first ounce. This finding appears to corroborate my decision that at least two separate counts upon portions of one ounce should be made.

In our next edition of G. 1292 I shall introduce a note in conformity with the results of this investigation.

Although the count has been made, in most of the present cases, upon only a single ounce, the findings in the following samples are so greatly in excess of the legal limit of 25 seeds per pound as to warrant the conclusion that they violate the requirements of the Order in Council of 3rd December, 1917 (Section 17), and must be judged to be adulterated under the Act.

No. 79482 (128 seeds per lb.), sold as Bran by Philip Labbe & Co., of Port Arthur, Ont., and manufactured by Ogilvie Co., Fort William, Ont.

No. 80762 (2,000 seeds per lb.), sold as Bran by R. Denne, of Peterborough, Ont., and manufactured by Quaker Oats Co., Peterborough, Ont.

No. 84337 (288 seeds per lb.), sold as Bran by Alexander Brown M. & E. Co., Ltd., of Toronto, Ont., and manufactured by vendors.

No. 81868 (128 seeds per lb.), sold as Bran by W. H. Shaw, North Battleford, and manufactured by Western Elevator Co., North Battleford.

No. 86107 (464 seeds per lb.), sold as Bran by T. E. Mahaffy, of Mervin, manufactured by Quaker Oats Co., Saskatoon.