

An Order in Council of 3rd December 1917 (published as G. 1292) sets a limit of 25 seeds per pound for those species classified by the Seed Control Act as "noxious weeds". Section 17 of this Order, is as follows:

"17. The presence of presumably vital weed seeds in any form of Feeding Stuff shall be held to constitute adulteration under the Act, when more than 25 seeds per pound, as enumerated in the Seed Control Act of 1911, are present in the feed."

Four samples of the present collection, all of which are quite satisfactory as regards their nutritive value, must be regarded as adulterated from the point of view of their content in vital weed seeds. These are as follow:

No. of Sample.	Name of Sample.	Name and Address of		Nature of Adulteration.
		Vendor.	Manufacturer.	
80648	Dry Hog Feed.....	Sanders, Soule & Casselman, Chesterville.	Caldwell, F. & C. Co., Dundas.	Noxious weed seeds in excess.
80655	Sampson Feed.....	S. Kerr, Kemptville.....	Campbell, F. M., Ltd., Toronto.	"
81976	Tillson	Quaker Oats Co., Peterboro.	Vendors.....	"
84159	Caldwell Molasses Dairy Meal.	Caldwell, F. & C. Co., Dundas, Ont.	"	"

Weed seeds in large amount are separated from grain at the elevators, and at various mills. These seeds possess, in many cases, a high feed value, especially in protein; and, when not otherwise objectionable, they may constitute a valuable ingredient in poultry and other feeds. Of course they should always be finely ground in order to ensure destruction of their vitality. Many of these seeds, however, are poisonous, (certain species of Mustard, Purple Cockle) and should not enter into manufactured Feeds.

One other point may be referred to. Samples No. 80677, 80680 and 80683 are registered under the numbers 448, 566 and 345 respectively, with guaranteed values as follow:

	Protein.	Fat.	Fibre.
448.....	10.50	4.00	10.50
566.....	19.50	8.50	8.00
345.....	11.11	2.73	15.51

The labels on the packages in which these samples were sold, claim the values:—

	Protein.	Fat.	Fibre.
448.....	10.00	4.00	10.00
566.....	20.62	9.12	7.56
345.....	10.00	3.00	16.00