

**LABORATORY**  
OF THE  
**INLAND REVENUE DEPARTMENT**  
**OTTAWA, CANADA**

**BULLETIN No. 355.**

**B R A N**

OTTAWA, November 17, 1916.

J. U. VINCENT, Esq.,  
Deputy Minister of Inland Revenue.

SIR,—I have the honour to hand you a report upon 186 samples of Bran, purchased by our inspectors throughout the Dominion in February, March and April of this year.

Standards for Bran were legalized by Order in Council in October, 1910 (G. 932) and require this article to contain at least 14 per cent of proteids and 3 per cent of fat, with not more than 10 per cent of fibre. The Feeding Stuffs Act of 1900, Section 15, provides that a deficiency of one per cent of protein or fat, or an excess of two per cent of fibre shall not be held as evidence of fraudulent intent on the part of the manufacturer, so long as the total value of the feeding stuff in nutritive materials is substantially equivalent to its guaranteed value.

I am glad to say that all of the samples now reported fulfil legal requirements in respect to nutritive value. The great majority of these samples are indeed, considerably above the minimum value required for Bran.

In reply to a Circular of inquiry (G. 1200) distributed to the milling industry in August of last year, several of the larger milling companies contended that our standards for fibre in Bran were too high. They asserted that, while for most years the fibre in Bran might not exceed 10 per cent, in exceptional years, the fibre content would exceed this limit.

Regarding this matter, the subjoined data are available.

Source of information.	Year.	No. of samples examined.	No. exceeding 10% fibre.	Mean fibre p.c.
I. R. Bulletin 116 . . . . .	1906	29	19	11.11
" 156 . . . . .	1908	27	5	8.69
" 191 . . . . .	1909	148	39	9.26
" 231 . . . . .	1912	78	8	8.60
" 254 . . . . .	1913	135	8	8.80
" 302 . . . . .	1915	187	19	9.00
Connecticut . . . . .	1905	25	.....	9.90
Massachusetts . . . . .	1912	28	.....	8.73
" . . . . .	1913	57	.....	9.48
" . . . . .	1914	54	.....	9.48
" . . . . .	1915	72	.....	9.64
Pennsylvania . . . . .	1913	76	.....	9.22
" . . . . .	1914	46	.....	9.14