

PROTEIN CONTENT.

Above 18 per cent protein.	6 samples.
Between 17 and 18 per cent protein.	6 "
" 16 " 17 "	21 "
" 15 " 16 "	23 "
" 14 " 15 "	26 "
" 13 " 14 "	15 "
" 12 " 13 "	18 "
" 11 " 12 "	5 "
" 10 " 11 "	3 "
Below 10 per cent protein.	1 "

It is scarcely necessary to add that no vital weed seeds were found in any of these samples. The fineness of grinding precluded the possibility of this.

If it be asked whether in view of the data now reported, the Department would be justified in recognizing Feed Flour as a distinct article from Shorts or Middlings, I must confess to some hesitation in arriving at a decision.

If the point be conceded, it would seem reasonable to require Feed Flour to approximate in composition to ordinary flour, in which case the subjoined standards would apply::

Moisture.	not to exceed 13.5 per cent.
Proteids.	" less than 10.0 "
Fat.	" " 1.0 "
Fibre.	" more than 1.5 "

The suggested standards are based on the composition of flours of a low grade, such as might naturally be looked for in flour offered for sale as a cattle food. With a single exception (No. 5725) all the samples reported would meet such a standard.

The alternative mode of treating these feeds would be to require them to be marketed as registered feed, and sold on the basis of guaranteed value. Many of them so considerably exceed the minimum values suggested as standards for Feed Flours, that it would doubtless be to the advantage of the manufacturer to adopt this method, and sell them as registered feeds.

Whether or not the convenience to manufacturer and to consumer would outweigh the loss to the manufacturer incurred by selling as feed flour an article greatly exceeding suggested standard requirements for this article, is matter for the consideration of both parties.

I beg to recommend publication of this report as Bulletin No. 350.

I have the honour to be, Sir,
Your obedient servant,

A. MCGILL,
Chief Analyst.