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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
WESTERN IRRIGATION AGRICULTURE

December 29, 1936

Mr. W. G. Cochran
Rothamsted Experiment Station
Harpenden, England

Dear Sir:

Receipt is acknowledged of your letter of the 1st, addressed to our Huntley (Montana) Field Station, in which you ask for certain data with reference to uniform cropping. The test you refer to was conducted in 1911 on field K, which was cropped "to oats in preparation for starting the irrigated rotations the following year. The field was harvested by plots, of which there were a total of 68. On these the total grain and straw weights only were obtained, since we did not have a separator that year for threshing plots. These yield figures were not published." The differences in yields are not believed to be significant, for the field was not cropped uniformly for the two years prior to 1911. However, the results obtained are enclosed.

Very truly yours,



S. H. Hastings,
Principal Agronomist

SHH:R

Enclosure

HUNTLEY FIELD STATION

YIELD OF OATS FIELD K - 1911

Series	Plat	Grain and Straw Lbs.	Series	Plat	Grain and Straw Lbs.
II	1	1420	IV	13	860
II	2	1380	IV	14	920
II	3	1010	IV	15	1150
II	4	950	IV	16	1210
II	5	1380	IV	17	690
II	6	1210	IV	18	660
II	7	1220	IV	19	700
III	1	1230	IV	20	860
III	2	1370	IV	21	940
III	3	1695	IV	22	950
III	4	1555	IV	23	880
III	5	1510	V	1	880
III	6	1290	V	2	840
III	7	1395	V	3	1120
III	8	1375	V	4	1070
III	9	1400	V	5	1240
III	10	1380	V	6	1020
III	11	1270	V	7	1400
III	12	1160	V	8	1490
III	13	790	V	9	1350
III	14	520	V	10	1220
III	15	690	V	11	1270
IV	1	540	V	12	880
IV	2	1120	V	13	800
IV	3	1420	V	14	890
IV	4	1245	V	15	1275
IV	5	1510	V	16	1105
IV	6	1180	V	17	830
IV	7	1460	V	18	860
IV	8	1490	V	19	790
IV	9	1430	V	20	720
IV	10	1430	V	21	710
IV	11	1190	V	22	810
IV	12	920	V	23	790

Secretary
Field Station
Wester Iringdim

1st December, 1936.

The Secretary,
Field Station of the Office of
Wester Iringdim Agriculture,
Huntley Man.

Dear Sir,

We are keeping an index of uniformity trial data, of which
the Huntley uniformity trial is one of the most famous. Most of the
yields of this have been published, but I understand ^{that} there were two
uniform oats experiments in 1911, one of 66 plots and one of 68 plots
for which I cannot find any published yields. If you can refer me
to any publication accessible in England which contains the original
yields or failing that, send me a copy of the yields, I would be
very glad to add them to our index and make them accessible to students.

Yours faithfully,