

Serial No. 5-2987

D5

FIELD EXPERIMENTS 1950

Crop: Mustard

Field: Heater Piece.

Experiment:

To compare two new selections of Brown Mustard with the older English Brown.

Treatments & Layout:

- (a). Old English Brown Mustard.
- (b). Variety B. Reynolds Selection of b nigra.
- (c). Variety A. A selection of b juncea.

Randomised blocks - 6 replications.
Plot size 12 rows (6 yds.) x 20 yds.

Plot Size:

Fertilizing with dates of:

5 cwt. G. & S. No. 1. (N: 9 P₂O₅ 10 K₂O)

Date of Drilling: March 17th Variety:

Seed Rate: 2½ - 3 lbs.
per acre.

Date of Brairding: April 19th, good braird. Control slightly more forward.

Date of

Remarks (previous cropping, cultivations, etc.)

1949: Wheat.

Mustard drilled with Bean Hand drill.

3rd - 4th May. Hoed between rows - chopped out to leave plants at 9".

A rather bad attack of pollen beetle developed in June. The English Brown had grown so high it could not be dusted without damage so none of the varieties were dusted.

Note Book No. Cereals 1950---

Mustard Variety Trial, 1950.

Heater Piece.

Yield in Cwts. per Acre.

<u>Variety</u>	<u>Cwts./Acre.</u>
A. Canadian (b. juncea)	4.21
B. Reynolds (b. nigra)	5.38
C. English Brown (b. nig)	4.89
Significant Difference	0.60
Mean	4.83
Coefficient of Variation	13.6%

B and C greater than A.