

Sorghum Alnum

Sorghum alnum was included in trials at Dickinson for the first time this year. It was planted in both cultivated rows and solid drilled with a conventional 6 x 14 press drill. The solid drilled planting was considered a total failure and was not harvested. Yields from the row planting are summarized in Table 12.

Table 12. Sorghum Alnum Yields - 1960					
	Green Wt. @ 70% Moisture in Tons/Acre				
	1	2	3	4	Average
Sorghum alnum on spring wheat plowed wheat stubble	1.60	2.33	1.05	1.45	1.61

In addition, the following sorghum and sudan hybrids were planted in special observation nursery.

- Northrup King 145-2582
- Northrup King 300
- Northrup King x 3058
- Lindsey 92F
- DeKalb S11, 41W-8E
- Asgrow Grazer W, Lot 40251
- Texas 9910, F. C. 35322
- Texas 9912, F. C. 35323

- Texas 9913, F. C. 35324
- Texas 9915, F. C. 35325
- Texas 9917, F. C. 35326
- Texas 9918, F. C. 35327
- Texas 9901, F. C. 35319
- Texas 9902, F. C. 35320
- Oklahoma exp. 35442
- Oklahoma exp. 35318
- Oklahoma exp. 35317

Under conditions prevailing in 1960 none of these were satisfactory here.

Different Methods of Planting Corn

This trial is designed to compare 38 inch row spacing, 42 inch row spacing and 42 inch wheel track planting of corn.

This trial was begun in 1959 and results from the two years the trial has been in progress are summarized in Table 13.

Table 13. Yields from Three Methods of Planting Corn						
Corn Silage Yields On:	Yield-Tons Per Acre @ 70% Moisture					
	1	2	3	1960 Av.	1959 Av.	2-Yr. Av.
38 Inch Spacing	1.02	1.82	1.88	1.57	1.98	1.78
42 inch Spacing	2.79	1.33	1.83	1.98	1.62	1.80
42 Inch Wheel Track Planting	1.79	1.45	1.88	1.71	1.26	1.49

Wheat Yields On:	Yield-Bushels Per Acre					
	1	2	3	1960 Av.	1959 Av.	2-Yr. Av.
38 Inch Spacing	10.1	8.0	10.5	9.5	6.3	7.9
42 Inch Spacing	9.7	9.1	11.4	10.1	6.7	8.4
42 Inch Wheel Track Planting	7.5	9.3	10.4	9.1	5.9	7.5

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