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Grain Sorghum Performance

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GRAIN SORGHUM PERFORMANCE

February 1969

C. R. Tutt and J. F. Shane

Twenty-five grain sorghum hybrids and one variety planted May 22 were evaluated at the Western Kentucky Substation at Princeton for yield, plant height, date headed, head type and moisture. They were also evaluated at Lexington for bird damage and at the Robinson Substation for MDM.

Hybrid Grain Sorghum Test (Grown at Princeton and Lexington, Ky.) 1968

Hybrid	Bu/Acre	Ht, In	Date Headed July	Head Type*	Percent Moist	Percent Bird Damage	
						10/4	10/22
ACCO R-1023	85.4	53	22	0	15.4	Tr	45
ACCO R-1093	101.4	53	23	0	15.7	0	15
NK 280	75.0	55	26	C	14.8	30	80
NK Savanna	87.8	51	21	Sc	15.1	Tr	50
Excel Bird-Go	90.0	61	27	0	16.2	0	15
Excel 707A	73.9	57	27	C	14.5	60	80
T-E Bird-A-Boo	86.8	45	22	0	15.3	Tr	60
T-E Mucho	80.9	50	24	C	14.5	5	80
Dekalb BR-64	79.2	64	29	Sc	16.5	5	90
Dekalb E-57	64.2	56	25	0	15.0	10	90
Dekalb DD-50	84.8	51	22	Sc	14.2	45	55
US Seeds HG 500A	80.0	47	26	C	14.1	5	80
US Seeds HG 600Y	61.2	51	29	Sc	15.1	50	90
McNair 546	94.2	53	25	0	15.8	Tr	10
McNair 652	62.3	62	26	0	14.8	85	95
Martin	51.9	49	30	Sc	14.8	35	90
AKS 614	96.1	53	26	0	15.5	Tr	Tr
AKS 653	97.0	49	24	Sc	14.5	0	30
AKS 663	90.5	60	28	0	16.3	0	5
RS 610	70.5	56	24	C	14.9	50	80
RS 622	60.0	48	29	Sc	14.6	60	60
RS 625	79.7	46	22	Sc	14.3	45	45
RS 626	83.4	51	22	C	14.2	30	45
RS 631	82.0	57	26	Sc	15.5	40	70
RS 633	83.5	52	23	C	15.5	55	75
RS 671	60.6	54	29	Sc	14.1	40	50
LSD (.05)	15.5						

*C = compact, Sc = semi-compact, O = open

MDM was not a serious problem in grain sorghum at the substation in 1968. Five percent of the plants of RS 622, AKS 663, and Savanna showed mosaic symptoms.

Performance data on characteristics other than MDM are presented in the preceding table.

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