

Literature Cited

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Yuma County Sorghum Variety Test

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Elevation: 450

Crop History:

Planted: July 9, 1981
Harvested: December 21, 1981
Seeding Rate: 18 lbs/acre
Previous Crop: Wheat
Insecticide: None
Weed Control: None
Fertilizer: 125 lbs N/acre as NH₃ were injected prior to planting.
Two additional applications of 40 lbs N/acre, each, were made in the irrigation water.

Irrigation: An estimated 36 acre inches/acre of Colorado river water were applied to the plots.

Plot Size: 14 X 820 feet

Entry	Yield (lbs/plot) ^{1/}				Ave. Yield (lbs)	Ht (in)	Bu Wt (lbs)	Harvest Moisture %	Yield (lbs/A) ^{2/}
	Rep 1	Rep 2	Rep 3	Rep 4					
WAC 715	1647	1399	1463	1325	1458	78	58	12.0	5532a
WAC 701G	1355	1455	1448	1496	1438	62	58	12.5	5456a
Funks G522DR	1398	1348	1432	1365	1386	54	57	12.2	5259ab
DeKalb DK 64	1601	1249	1279	1217	1337	67	61	13.0	5073abc
Advance 82	1392	1298	1345	1189	1306	67	58	12.9	4955abc
NK Brand 26/0	1092	1472	1285	--	1283	64	59	12.5	4868abc
DeKalb DK 57	1392	1368	1171	1129	1265	58	60	13.6	4799abc
Asgrow Double TX	1192	1250	1232	1261	1234	65	57	11.5	4682abc
NK Brand 2778	1223	1161	1279	1186	1212	60	58	12.6	4599abc
Advance 80	1188	1338	1285	1013	1206	51	56	11.7	4576abc
Acco R1029A	1123	1228	1447	1027	1206	53	56	12.0	4576abc
Asgrow Coral	1161	1364	1171	1001	1174	59	59	12.5	4455abc
Funks G623GGBR	1429	974	1171	963	1134	57	57	12.2	4303 bc
Acco GR1138	1172	1170	1033	988	1091	58	58	11.9	4140 c

^{1/}All yields adjusted to 10% moisture.

^{2/}Yields followed by the same letter are not significantly different at the .05 level by the Student-Newman-Keuls' Test.