

**NDSU Carrington Research Extension Center
2016 Variety Trial Data**

Sorghum - Organic	Carrington
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Line #	Seedling Vigor ¹ 1-5	Days to Heading	Plant Lodge 0-9	Plant Height inch	Head Type ² 1-5	1000 KWT gram	Seeds per pound	Test Weight lb/bu	Grain Yield bu/ac
Line 6	3.0	61.7	0.0	51.0	3.0	19.7	23082	53.1	54.0
Line 10	2.7	61.3	0.0	50.7	3.0	19.6	23220	52.7	50.2
Line 14	2.3	61.3	0.0	51.6	4.7	19.3	23566	51.9	46.3
Line 17	3.3	60.0	0.0	53.3	3.3	22.0	20603	53.7	58.4
Line 22	3.0	61.0	0.0	51.2	3.7	20.6	22008	53.7	54.2
Line 25	3.3	62.7	0.0	49.6	3.3	21.9	20713	53.6	45.7
Line 34	3.7	61.0	0.0	54.6	3.7	21.3	21378	53.4	54.7
Line 37	2.0	63.3	0.0	49.0	3.7	20.1	22654	53.1	50.3
Line 65	2.3	63.0	0.0	52.6	4.7	18.0	25280	51.2	56.3
Line 66	2.3	62.0	0.0	50.0	4.0	19.6	23214	52.2	52.5
Line 67	3.0	62.0	0.0	50.5	3.7	20.3	22384	51.9	47.5
Line 68	2.3	63.0	0.0	49.1	4.0	19.5	23330	52.3	43.0
Line 70	1.0	65.0	0.3	48.3	3.7	19.2	23651	51.7	28.7
Line 72	2.3	62.0	0.0	51.3	4.7	19.6	23253	52.3	59.1
Line 74	3.0	61.7	0.3	52.5	3.7	20.8	21800	52.6	49.7
PI574495	3.3	63.7	0.0	52.8	1.0	21.1	21566	53.6	61.0
PI574554	2.3	63.3	0.0	43.7	3.0	21.0	21709	55.1	61.7
PI574561	2.3	68.3	0.3	52.6	1.3	21.1	21571	52.6	55.2
PI574568	3.0	61.0	0.0	47.6	2.7	18.7	24342	55.5	58.4
PI574573	2.7	63.3	0.3	51.7	2.7	22.7	20009	54.1	34.8
PI574585	2.7	62.0	0.0	51.3	4.0	21.6	21097	54.0	59.4
Blue River Hybrids 57B6	5.0	68.7	0.7	47.2	1.3	19.3	23500	46.6	37.6
Blue River Hybrids 59CT4	2.7	72.0	0.7	43.2	1.0	17.1	26582	47.0	25.1
FBC Bulk	3.0	62.3	0.0	49.7	3.0	20.2	22490	52.6	53.9
Mean	2.8	63.2	0.1	50.2	3.2	20.2	22625	52.5	49.9
C.V. (%)	27	1.9	247	3.5	22.9	3.4	3.5	1.4	15.2
LSD 0.10	1	1.6	0.4	2.4	1	0.9	1070	1	10.5
LSD 0.05	1.2	1.9	0.5	2.9	1.2	1.12	1282	1.2	12.5

Planting Date = June 9; Harvest Date = October 17; Previous Crop = Winter Rye

¹ Seedling vigor: 1 = worst; 5 = best

² Head type: 1 = compact; 5 = open