

**Table 4.** Quality traits of durum varieties grown in the Advanced Yield Trails at **Dickinson ND 2008.**

Variety	Test Weight	Vit kern	1000 kwt	Lg	Sm	Fall no	Sed mm	Wheat prot	Semo prot	Total ext	Sem ext	Semo ash	Specks #/10 sq in	Mixo	Pasta color	Cook wt	Cook loss	Firm g cm
AC Napoleon	58.9	99	35.8	25	2	424	58	18.9	16.5	69.5	63.1	0.72	17	5	8.5	28.7	5.4	7.5
AC Navigator	60.8	99.0	41.7	49	1	448	54	18.1	15.7	73.3	65.7	0.76	23	5	8.5	28.8	5.6	7.3
Alkabo	60.6	98	37.5	33	1	383	57	17.7	15.3	68.7	62.4	0.70	20	5	8.5	28.5	6.0	7.0
Alzada	60.3	98	40.2	55	1	441	77	17.1	15.4	72.3	64.7	0.68	13	8	9.0	29.4	5.7	7.8
Ben	60.2	99	39.2	40	1	377	59	18.4	16.2	70.4	64.0	0.63	33	6	8.0	28.9	6.1	7.2
Commander	60.7	98	40.0	48	1	457	77	18.4	16.1	72.3	64.9	0.70	23	7	8.5	28.5	5.9	7.8
Dilse	59.5	99	36.2	30	1	354	57	19.2	16.6	70.0	63.8	0.71	33	5	8.0	28.5	5.8	7.9
Divide	60.5	98	37.0	36	1	396	58	18.0	15.6	70.4	64.0	0.72	23	5	8.5	28.8	6.6	7.0
Grande D'Oro	59.4	99	40.7	49	1	327	53	18.4	16.0	71.1	64.9	0.69	37	5	7.5	28.8	6.3	6.5
Grenora	59.9	99	37.9	30	1	378	57	18.0	15.6	68.9	62.3	0.67	17	5	8.5	29.5	5.5	6.7
Lebsock	60.2	99	35.0	27	1	396	48	18.0	15.8	69.9	63.9	0.72	17	5	8.0	29.3	6.0	6.8
Maier	60.4	99	36.1	26	2	390	68	18.7	16.4	70.5	63.2	0.67	20	6	8.5	28.5	5.9	8.1
Mountrail	59.1	99	35.5	21	3	362	51	19.0	16.5	68.8	63.1	0.70	17	4	8.0	29.6	6.0	6.5
Pierce	60.6	99	33.7	22	2	364	71	17.9	15.7	67.8	62.9	0.68	33	7	8.5	28.9	5.9	6.8
Rugby	60.2	100	33.9	18	3	348	29	18.3	15.8	70.6	64.7	0.72	23	3	8.0	29.4	6.2	5.7
Strongfield	59.8	99	37.7	42	1	430	64	20.0	17.2	70.7	63.2	0.76	30	6	8.5	28.9	5.5	8.0
Average	60.1	99	37.4	34	1	392	59	18.4	16.0	70.3	63.8	0.70	24	5	8.3	28.9	5.9	7.2