

Table 5. Quality traits of durum varieties grown in the Advanced Yield Trails at **Hettinger ND 2008.**

Variety	Test Weight	Vit kern %	1000 kwt g	Lg %	Sm %	Fall no sec	Sed mm	Wheat prot %	Semo prot %	Total ext %	Semo ext %	Semo ash %	Specks #/10 sq in	Mixo	Pasta color	Cook wt g	Cook loss %	Firm g cm
AC Napoleon	55.1	99	28.3	5	13	707	57	19.3	16.7	70.2	62.2	0.74	30	6	9.0	31.2	5.8	8.4
AC Navigator	57.9	100	31.2	7	12	794	50	16.8	14.9	71.9	64.1	0.74	27	7	9.0	30.3	6.0	7.5
Alkabo	56.3	99	27.8	5	23	659	58	17.6	15.6	69.5	61.6	0.79	23	7	9.0	31.1	5.7	8.4
Alzada	54.4	99	26.6	12	17	757	70	17.2	15.4	71.1	64.0	0.77	27	8	9.0	31.0	6.0	7.8
Ben	57.5	99	28.7	6	20	620	56	18.2	16.2	70.1	63.5	0.72	33	7	8.5	30.5	5.5	9.1
Commander	55.6	99	29.1	7	16	1007	63	18.4	16.0	70.8	62.7	0.75	23	8	9.0	30.4	6.2	7.9
Dilse	56.0	100	25.3	2	27	605	55	20.1	17.5	69.0	62.6	0.72	20	7	9.0	30.2	5.4	10.3
Divide	55.8	99	28.2	5	18	704	56	18.1	16.0	69.0	62.7	0.68	27	7	8.5	30.6	5.4	9.2
Grande D' Oro	57.9	99	27.1	2	27	824	68	19.7	16.8	69.5	62.2	0.72	20	5	8.5	30.4	5.6	8.7
Grenora	55.7	99	27.7	9	19	689	55	17.8	15.7	68.7	62.8	0.59	23	6	9.0	31.1	6.1	8.4
Lebsock	58.2	99	26.2	3	25	622	53	17.8	15.7	69.6	63.4	0.68	23	5	8.5	31.3	5.7	8.2
Maier	54.9	99	24.4	1	36	670	58	19.8	17.5	70.0	62.7	0.77	30	7	8.5	29.0	5.1	11.5
Mountrail	56.0	100	25.7	3	25	630	51	18.0	16.2	69.7	63.7	0.76	27	4	8.5	31.6	5.7	8.3
Pierce	56.4	100	24.0	1	39	701	60	19.2	16.0	67.5	61.3	0.73	27	8	9.0	30.3	5.6	9.3
Rugby	58.9	99	34.1	20	12	559	30	16.8	15.0	73.1	66.3	0.82	37	3	8.5	33.9	6.3	5.7
Strongfield	59.1	99	31.1	15	7	563	57	16.7	14.8	72.6	66.0	0.69	30	8	8.5	31.8	6.0	7.0
Average	56.6	99	27.8	6	21	694	56	18.2	16.0	70.1	63.2	0.73	27	6	8.8	30.9	5.8	8.5