

Table 6. Quality traits of durum variteies grown in the Advanced Yield Trials at **Langdon ND 2008.**

Variety	Test Weight	Vit kern	1000 kwt	Lg	Sm	Fall no	Sed	Wheat prot	Semo prot	Total ext	Semo ext	Semo ash	Specks	Mixo	Pasta color	Cook wt	Cook loss	Firm
	lb/bu	%	g	%	%	sec	mm	%	%	%	%	%	#/10 sq in			g	%	g cm
AC Napoleon	59.6	89	49.0	80	1	372	45	13.4	12.0	73.1	66.2	0.68	27	6	9.0	28.7	8.0	4.6
Alkabo	60.0	80	45.5	77	1	319	46	11.7	10.5	72.8	62.5	0.68	23	6	9.0	30.8	7.5	4.3
Alzada	57.8	95	45.7	84	1	352	71	13.8	12.5	74.7	66.7	0.66	30	8	8.0	30.7	7.9	5.3
Ben	60.2	91	50.5	83	1	305	43	13.0	11.5	71.9	64.3	0.77	30	6	8.5	30.0	7.3	4.1
Commander	58.7	96	42.0	71	1	326	63	13.9	12.3	74.7	65.0	0.81	33	8	8.5	30.1	7.4	5.0
Dilse	60.5	87	43.5	70	1	301	47	12.3	11.3	74.5	64.5	0.73	33	7	9.0	29.4	7.7	4.8
Divide	60.0	79	43.9	75	2	330	55	11.6	10.6	72.4	63.3	0.73	27	7	9.0	30.7	7.6	4.1
Grande D'Oro	61.1	77	45.7	72	2	297	44	12.5	11.4	74.5	66.3	0.72	30	5	8.5	30.7	7.5	4.3
Grenora	59.7	93	46.7	77	1	342	52	12.2	10.8	72.7	64.1	0.75	33	7	9.5	30.3	7.0	4.3
Lebsock	61.0	93	43.5	72	1	329	43	12.9	11.6	72.8	65.3	0.67	40	5	8.0	30.2	7.3	4.3
Maier	60.1	86	42.4	73	1	312	55	13.4	11.9	74.2	65.6	0.72	40	7	8.5	30.4	7.8	4.8
Mountrail	59.9	82	41.5	64	2	372	40	11.9	10.8	72.7	64.4	0.71	37	4	8.5	31.1	7.8	4.0
Navigator	59.5	95	42.9	73	1	370	56	13.5	11.8	74.7	63.8	0.69	37	8	8.5	29.7	6.9	4.9
Pierce	61.0	96	40.3	69	2	337	50	13.1	11.6	72.4	64.9	0.70	33	8	9.0	29.9	6.8	5.1
Rugby	60.1	79	42.2	70	2	342	23	12.7	11.3	73.0	64.8	0.73	33	7	9.0	31.1	7.3	4.1
Strongfield	59.5	94	41.5	73	1	261	55	14.9	13.2	74.4	66.3	0.72	40	8	8.5	29.6	6.4	5.5
Average	59.9	88	44.2	74	1	329	49	12.9	11.6	73.5	64.9	0.72	33	7	8.7	30.2	7.4	4.6