

TABLE 5.

ALGER & DELTA (EARLY) COUNTY GRAIN TRIALS (88 Day and Earlier)

ZONE 5

2006			TRIAL AVERAGE						% QUALITY						ALGER						DELTA - EARLY					
BRAND / HYBRID	RM	TRT	Trait	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE 1541RR	81		1	24.7	154.3	52.4	1.9	99	9.2	3.6	57.5	28.0	145.1 *	49.5	0.4	99	21.4	163.5	55.3	3.4	99	21.4	163.5	55.3	3.4	99
BAYSIDE S075RR	78		1	24.6	139.0	53.4	1.7	98	8.8	4.0	59.1	26.6	135.0 *	51.1	1.8	96	22.5	143.0	55.7	1.5	100	22.5	143.0	55.7	1.5	100
BAYSIDE Super 80	80	P250		23.5	151.8	52.2	3.2	100	8.4	4.7	56.9	26.3	141.3 *	49.4	3.4	99	20.7	162.2	55.0	2.9	100	20.7	162.2	55.0	2.9	100
DAIRYLAND STEALTH-5475	75	P250	2	23.6	118.2	54.3	10.4	82	10.2	5.6	55.5	24.5	100.4	52.4	17.4	74	22.7	136.0	56.1	3.4	90	22.7	136.0	56.1	3.4	90
DYNAGRO 51G25	84	P250	1,3	23.9	129.1	52.0	3.1	76	8.6	4.2	57.9	26.0	114.5	48.6	1.8	72	21.7	143.7	55.4	4.4	80	21.7	143.7	55.4	4.4	80
DYNAGRO 52P81	85	P250	1,2	27.4	163.2 **	50.9	2.3	98	8.5	3.3	58.2	30.3	136.4 *	48.0	3.8	99	24.4	189.9 **	53.7	0.7	97	24.4	189.9 **	53.7	0.7	97
JUNG 7202RR/YGPL	83	P250	1,2,3	26.4	157.5 *	51.1	0.2	100	8.6	3.9	58.1	29.2	146.4 **	47.6	0.0	99	23.5	168.6	54.5	0.4	100	23.5	168.6	54.5	0.4	100
NK Brand N15-A9	80	C250		24.2	132.9	52.7	2.5	79	7.8	3.5	59.4	27.2	124.2	49.7	2.5	72	21.2	141.5	55.7	2.4	85	21.2	141.5	55.7	2.4	85
NK Brand N18-F2	84	C250		24.0	135.1	53.3	1.9	95	8.2	4.0	58.6	26.3	129.6	50.4	1.4	94	21.6	140.6	56.2	2.4	96	21.6	140.6	56.2	2.4	96
NK Brand N21-L4	86	C250		25.9	138.8	52.2	4.2	95	8.0	3.8	58.2	28.7	120.3	49.0	6.5	90	23.0	157.3	55.3	1.8	100	23.0	157.3	55.3	1.8	100
PIONEER 38B12	88	P1250	11	26.4	142.8	49.9	2.0	95	8.6	3.8	57.3	29.4	131.6	46.6	1.4	91	23.3	153.9	53.1	2.5	99	23.3	153.9	53.1	2.5	99
PIONEER 38W22	92	P1250	2,4,11	26.5	122.0	52.9	1.1	79	8.9	3.6	58.2	28.8	130.2	49.7	1.8	70	24.2	173.8	56.0	0.4	87	24.2	173.8	56.0	0.4	87
PIONEER 39A94	82	P250		24.8	122.5	51.4	3.7	82	8.4	3.2	58.6	27.4	110.9	48.5	4.9	77	22.1	134.0	54.2	2.4	86	22.1	134.0	54.2	2.4	86
PIONEER 39D81	84	P250	1,11	24.1	137.7	53.4	3.1	97	8.4	3.4	57.8	25.7	130.4	50.7	3.0	97	22.4	145.0	56.1	3.2	97	22.4	145.0	56.1	3.2	97
PIONEER 39F61	78	P250	2	24.2	111.7	55.0	4.6	71	9.9	4.1	55.3	25.3	111.9	53.8	6.8	62	23.0	111.5	56.1	2.3	80	23.0	111.5	56.1	2.3	80
SPANGLER 1303	82			23.4	143.2	53.5	2.4	100	8.2	3.3	58.8	26.0	128.9	50.8	2.9	100	20.8	157.5	56.1	1.9	100	20.8	157.5	56.1	1.9	100
SPANGLER 150LG	82	C250	2,4	24.3	140.3	53.0	1.7	84	8.4	3.8	57.6	26.8	117.4	50.1	1.8	75	21.7	163.2	55.9	1.6	92	21.7	163.2	55.9	1.6	92
WOLF RIVER VALLEY 2482RR/Bt	82		1,2	25.7	159.6 *	51.7	1.5	98	8.6	4.2	57.3	28.4	138.4 *	48.3	2.2	96	22.9	180.8 *	55.1	0.7	100	22.9	180.8 *	55.1	0.7	100
AVERAGE				24.9	140.5	52.5	2.9	90	8.7	3.9	57.8	27.3	127.4	49.7	3.5	87	22.4	153.7	55.3	2.1	94	22.4	153.7	55.3	2.1	94
HIGHEST				27.4	163.2	55.0	10.4	100	10.2	5.6	59.4	30.3	146.4	53.8	17.4	100	24.4	189.9	56.2	4.4	100	24.4	189.9	56.2	4.4	100
LOWEST				23.4	111.7	49.9	0.2	71	7.8	3.2	55.3	24.5	100.4	46.6	0.0	62	20.7	111.5	53.1	0.4	80	20.7	111.5	53.1	0.4	80
CV (%)				3.9	7.5	1.6	86	6	3.8	6.1	1.1	4.1	8.5	1.9	78	7	3.2	6.7	1.1	96	4	3.2	6.7	1.1	96	4
LSD (5%)				0.8	8.8	0.7	2.0	4	0.4	0.3	0.8	1.3	12.9	1.2	3.3	8	0.9	12.3	0.8	2.4	4	0.9	12.3	0.8	2.4	4

2 Year Averages			TRIAL AVERAGE						% QUALITY						ALGER						DELTA - EARLY					
BRAND / HYBRID	RM	TRT	Trait	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
NK Brand N18-F2	84	C250		23.7	134.9	54.7	2.1	95	8.8	3.9	58.9	24.9	132.9 *	53.3	2.1	95	22.5	136.8	56.1	2.0	95	22.5	136.8	56.1	2.0	95
PIONEER 38B12	88	P1250	11	25.2	141.0 **	51.6	1.8	98	9.3	3.8	57.3	26.6	141.6 **	50.0	1.9	95	23.8	140.4 *	53.1	1.6	100	23.8	140.4 *	53.1	1.6	100
SPANGLER 1303	82			23.5	137.4 *	54.5	1.8	100	8.6	3.3	59.0	25.3	130.0	53.0	2.5	100	21.6	144.8 **	55.9	1.0	100	21.6	144.8 **	55.9	1.0	100
AVERAGE				24.1	137.8	53.6	1.9	98	8.9	3.7	58.4	25.6	134.8	52.1	2.2	97	22.6	140.7	55.0	1.5	98	22.6	140.7	55.0	1.5	98
HIGHEST				25.2	141.0	54.7	2.1	100	9.3	3.9	59.0	26.6	141.6	53.3	2.5	100	23.8	144.8	56.1	2.0	100	23.8	144.8	56.1	2.0	100
LOWEST				23.5	134.9	51.6	1.8	95	8.6	3.3	57.3	24.9	130.0	50.0	1.9	95	21.6	136.8	53.1	1.0	95	21.6	136.8	53.1	1.0	95
CV (%)				4.2	7.3	1.5	102	5	3.9	6.2	1.1	4.1	8.5	1.6	99	6	3.7	6.1	1.2	89	4	3.7	6.1	1.2	89	4
LSD (5%)				0.6	6.0	0.5	1.6	3	0.3	0.2	0.5	0.9	9.1	0.7	2.8	4	0.7	7.6	0.6	1.4	3	0.7	7.6	0.6	1.4	3

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid