

TABLE 5.

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

ZONE 5

2005			TRIAL AVERAGE					% QUALITY			ALGER					DELTA - EARLY				
BRAND / HYBRID	RM	TRT	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE Super 75	75	P250	24.9	120.1	55.0	0.8	84	10.2	4.4	58.0	24.6	119.8	55.0	1.6	71	25.2	120.4	54.9	0.0	98
DAIRYLAND STEALTH-1476	76	P250	24.7	112.5	57.6	4.2	84	9.9	3.5	59.9	25.4	113.4	57.4	4.5	73	24.0	111.5	57.7	3.8	95
DEKALB DKC35-02 (RR2/YGCB)	85	P250	24.8	135.9	54.6	2.2	99	11.1	4.9	55.6	25.3	137.9 *	54.3	4.1	99	24.3	133.9	54.8	0.3	100
DEKALB DKC37-14 (RR2)	87	P250	25.5	139.7	54.6	2.5	99	10.7	4.2	56.7	25.2	147.0 *	54.5	3.6	99	25.8	132.3	54.7	1.4	100
DYNAGRO CX04179	79	P250	23.4	112.8	56.5	2.6	89	10.7	4.5	56.9	24.0	118.8	56.1	4.1	78	22.7	106.8	56.9	1.1	100
HYLAND SEEDS BIXXIO RR	74	P250	22.4	99.3	56.8	3.6	99	11.1	4.7	56.9	23.2	95.5	56.6	4.2	98	21.5	103.1	57.0	2.9	100
HYLAND SEEDS HL2093	76	P250	23.1	100.0	54.7	4.1	93	9.6	3.7	58.4	23.7	103.9	54.7	5.6	90	22.5	96.0	54.7	2.6	96
HYLAND SEEDS HL2222	79	P250	22.7	101.0	54.9	1.5	100	9.2	3.3	58.9	23.1	117.1	55.3	1.2	100	22.3	84.8	54.4	1.7	100
HYLAND SEEDS HLR228	84	P250	22.6	144.3 *	55.7	1.4	100	8.9	4.3	58.5	23.3	148.6 *	55.2	2.1	100	21.9	139.9	56.2	0.7	100
JUNG 6202RR/YGCB	83	P250	24.4	149.8 **	54.7	3.0	92	9.6	4.4	57.9	25.3	140.9 *	54.0	5.3	83	23.4	158.7 **	55.4	0.7	100
MYCOGEN 2J086	80	C125	23.6	130.8	53.6	4.6	100	10.4	4.3	56.6	23.9	142.6 *	52.8	8.4	101	23.2	119.0	54.3	0.7	100
NK Brand N03-D8	68	C250	21.4	94.8	57.6	1.9	99	10.0	3.2	59.9	22.5	99.3	57.2	3.1	98	20.2	90.3	58.0	0.7	100
NK Brand N12-G3	77	C250	22.2	113.4	56.8	3.0	99	9.9	4.0	58.5	22.7	115.4	56.1	4.2	98	21.7	111.3	57.4	1.8	100
NK Brand N18-F2	84	C250	23.6	134.7	56.1	2.2	95	9.4	3.7	59.2	23.6	136.2 *	56.3	2.8	96	23.5	133.1	55.9	1.6	93
PIONEER 38B12	88	P250	24.1	139.2	53.2	1.6	100	10.1	3.8	57.3	23.9	151.5 **	53.4	2.4	100	24.2	126.8	53.0	0.7	100
PIONEER 39D82	87	P250	24.7	129.1	53.9	3.7	91	9.8	3.6	57.0	25.3	132.3	53.4	6.0	82	24.1	125.9	54.4	1.4	100
PIONEER 39F28	88	P250	25.5	146.5 *	53.8	2.1	99	9.9	4.3	57.2	25.5	150.9 *	53.7	3.0	99	25.4	142.0	53.9	1.1	100
PIONEER 39P78	72	P250	21.0	73.7	57.5	14.6	84	10.2	4.9	57.1	20.6	67.9	56.1	26.5	77	21.4	79.5	58.8	2.7	91
RENK RK192	78		24.7	126.4	53.7	1.1	85	11.0	4.3	56.6	25.5	126.7	52.7	1.3	82	23.8	126.0	54.7	0.8	88
SPANGLER 1223	80		24.5	131.3	54.4	3.1	100	9.9	4.3	57.2	25.1	145.6 *	53.4	5.4	100	23.8	116.9	55.3	0.7	100
SPANGLER 1303	82		23.6	131.5	55.5	1.1	100	8.9	3.2	59.2	24.6	131.0	55.2	2.2	100	22.5	132.0	55.8	0.0	100
WOLF RIVER VALLEY WRV2482RR	82		23.8	145.2 *	54.6	2.6	87	9.1	4.5	58.2	24.6	143.8 *	53.7	3.7	83	23.0	146.5	55.4	1.5	91
WOLF RIVER VALLEY WRV9373	73		23.6	87.1	55.1	4.3	77	10.4	3.2	59.4	24.1	86.8	54.9	6.3	73	23.0	87.4	55.3	2.2	81
WOLF RIVER VALLEY WRV9983	83		25.0	143.3 *	52.9	1.6	100	9.4	4.1	58.4	24.4	148.5 *	52.8	2.1	101	25.6	138.0	53.0	1.1	100
AVERAGE			23.7	122.6	55.1	3.0	94	10.0	4.0	57.9	24.1	125.9	54.8	4.7	91	23.3	119.2	55.5	1.4	97
HIGHEST			25.5	149.8	57.6	14.6	100	11.1	4.9	59.9	25.5	151.5	57.4	26.5	101	25.8	158.7	58.8	3.8	100
LOWEST			21.0	73.7	52.9	0.8	77	8.9	3.2	55.6	20.6	67.9	52.7	1.2	71	20.2	79.5	53.0	0.0	81
CV (%)			4.6	8.1	1.2	96	3	3.6	5.9	1.0	4.4	8.8	1.2	81	4	4.0	6.5	1.3	97	3
LSD (.05%)			0.9	8.2	0.6	2.4	3	0.4	0.3	0.7	1.5	15.7	1.8	5.5	10	1.3	11.0	1.0	1.9	4

- 24 -

# 2 Year Averages 2005 & 2003			TRIAL AVERAGE					% QUALITY			ALGER					DELTA - EARLY				
BRAND / HYBRID	RM	TRT	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE Super 75	75		26.1	114.4 **	53.9	3.1	92	9.5	4.3	58.6	29.0	106.3 **	51.9	4.7	86	23.1	122.5 **	55.9	1.5	97

Plot not Harvested in 2004

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid