

TABLE 5.

ALGER & DELTA COUNTY GRAIN TRIALS (89 Day and Earlier)

ZONE 5

2003		DELTA - EARLY					ALGER					TRIAL AVERAGE					QUALITY					
Brand / Hybrid	RM	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	Prot	Oil	Strch			
BAYSIDE Super 75	75	20.9	124.6	56.9	3.0	96	33.4	92.7	48.7	7.7	100	27.2	108.7	52.8	5.4	98	8.8	4.1	59.1			
BAYSIDE Super 77	77	22.6	108.5	56.1	9.5	97	31.0	*	108.5	46.7	24.6	96	26.8	108.5	51.4	17.1	96	9.0	5.0	58.3		
BAYSIDE Super 80	80	19.4	134.7	55.2	8.2	99	35.3	*	113.0	46.5	3.5	100	27.4	123.9	50.9	5.9	99	8.0	4.3	58.5		
BAYSIDE Super 82	82	21.9	119.7	53.4	4.0	94	36.8		98.1	47.2	5.7	96	29.4	108.9	50.3	4.9	95	8.4	3.7	59.0		
DAIRYLAND STEALTH-1089RR	89	19.2	124.1	54.9	9.2	98	37.5		93.0	45.2	4.7	99	28.4	108.6	50.1	7.0	98	8.9	3.4	58.4		
DEKALB DKC35-01 (RR)	85	19.8	129.0	56.1	6.8	100	29.8	*	119.1	47.7	2.0	99	24.8	124.1	51.9	4.4	99	8.8	4.6	56.8		
DEKALB DKC35-50 (RR)	85	18.9	120.3	54.1	8.3	97	32.4	*	108.1	45.1	3.7	100	25.7	114.2	49.6	6.0	99	8.9	4.4	57.0		
DEKALB DKC39-48 (RR/YGCB)	89	21.8	**	147.9	53.3	4.2	94	36.3	*	104.7	45.6	22.2	89	29.1	126.3	49.5	13.2	92	8.0	4.0	58.2	
DYNAGRO 51N39	88	18.5	116.6	53.6	3.9	100	37.7		94.6	45.3	2.1	100	28.1	105.6	49.5	3.0	100	9.0	4.1	57.4		
DYNAGRO 51P88	84	19.7	*	147.8	55.2	1.6	99	35.3	**	123.4	46.8	5.5	100	27.5	**	135.6	51.0	3.6	99	9.0	4.0	57.8
NK Brand N09-A4	74	18.8	90.7	56.9	2.8	98	27.9		77.2	48.0	4.5	98	23.4	84.0	52.5	3.7	98	8.9	3.9	59.0		
NK Brand N22-T8	87	23.3	125.4	57.7	0.0	99	34.1	*	101.0	49.8	5.6	99	28.7	113.2	53.8	2.8	99	9.1	3.4	59.7		
PIONEER 39D82	87	22.4	*	139.8	54.6	0.8	98	32.6	*	112.0	46.5	6.6	99	27.5	125.9	50.6	3.7	99	8.7	4.0	57.6	
PIONEER 39M79	85	21.5	130.5	55.3	1.0	100	33.5	*	105.0	47.3	3.3	100	27.5	117.8	51.3	2.2	100	9.7	4.3	55.5		
SPANGLER 1104	80	19.7	123.3	54.4	5.6	98	35.7	*	102.1	45.7	2.3	99	27.7	112.7	50.1	4.0	99	8.6	4.0	58.6		
SPANGLER 1303	82	19.7	118.8	54.5	4.6	98	36.5		92.4	45.9	6.4	100	28.1	105.6	50.2	5.5	99	8.2	3.3	59.6		
UNITY SEEDS 6080A	80	19.4	119.6	55.6	6.5	99	34.3	*	99.5	46.0	3.4	97	26.9	109.6	50.8	5.0	98	8.5	3.4	58.8		
VIGORO V28Y31	88	20.9	*	147.5	53.3	2.2	96	38.2	*	106.3	45.3	4.3	97	29.6	126.9	49.3	3.3	97	8.4	4.2	57.6	
Average		20.4	126.0	55.1	4.5	98	34.3	102.8	46.6	6.6	98	27.4	114.4	50.8	5.6	98	8.7	4.0	58.1			
Highest		23.3	147.9	57.7	9.5	100	38.2	123.4	49.8	24.6	100	29.6	135.6	53.8	17.1	100	9.7	5.0	59.7			
Lowest		18.5	90.7	53.3	0.0	94	27.9	77.2	45.1	2.0	89	23.4	84.0	49.3	2.2	92	8.0	3.3	55.5			
CV (%)		3.9	6.9	1.6			3.7	8.5	1.1			3.9	7.7	1.4			3.6	6.2	0.9			
LSD (.05%)		2.3	12.5	1.3			1.8	24.9	0.7			0.9	7.3	0.6			0.9	0.7	1.6			

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

2002 & 2003 Averages		DELTA - EARLY					ALGER					TRIAL AVERAGE					QUALITY			
Brand / Hybrid	RM	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	Prot	Oil	Strch	
NK Brand N09-A4	74						29.2	95.5	48.3	3.5	88	29.2	95.5	48.3	3.5	88				
SPANGLER 1303	82						35.7	**	110.1	46.6	5.4	93	35.7	**	110.1	46.6	5.4	93		
Average							32.5	102.8	47.5	4.5	90	32.5	102.8	47.5	4.5	90				
Highest							35.7	110.1	48.3	5.4	93	35.7	110.1	48.3	5.4	93				
Lowest							29.2	95.5	46.6	3.5	88	29.2	95.5	46.6	3.5	88				
CV (%)							1.5	8.3	0.9			1.5	8.3	0.9						
LSD (.05%)							0.9	7.2	0.4			0.9	7.2	0.4						