

TABLE 4.

ALPENA, DELTA (LATE) & GRAND TRAVERSE COUNTY GRAIN TRIALS (95 Day and Earlier)

ZONE 4

		2006		TRIAL AVERAGE				% QUALITY			ALPENA				GRAND TRAVERSE				DELTA - LATE							
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	24.7	159.2	54.1	2.2	96	9.3	3.5	57.8	27.5	190.0	52.6	1.1	95	23.2	114.7	55.3	1.1	96	23.5	172.8	54.5	4.3	97		
BAYSIDE 2090	90	23.8	152.9	54.6	1.4	98	8.8	3.5	57.9	27.2	177.2	52.6	0.4	99	22.6	114.0	56.4	1.5	99	21.7	167.4	54.7	2.4	95		
BAYSIDE 3731RR	86	23.9	152.8	54.1	1.6	97	8.9	3.9	57.7	27.0	185.1	52.2	1.9	96	22.8	109.0	55.7	1.1	97	21.9	164.4	54.5	1.9	99		
BAYSIDE S075RR	78	23.1	139.4	55.0	1.6	99	8.8	3.8	58.8	24.2	168.1	54.7	1.1	99	21.6	94.7	54.9	3.3	98	23.5	155.5	55.4	0.4	99		
BAYSIDE S084RR	84	25.2	132.1	54.8	2.1	91	8.6	3.2	59.0	26.6	165.8	53.5	1.2	90	24.8	100.9	54.9	1.5	96	24.3	129.5	56.1	3.6	86		
BAYSIDE Super 80	80	22.6	157.6	53.7	3.4	99	8.3	4.7	56.9	25.3	184.1	52.0	1.1	99	19.7	119.0	55.1	3.2	100	22.8	169.6	54.1	5.8	99		
CROPLAN 296TS	91	C250	1,2,3	25.3	171.5	53.7	1.5	96	8.9	4.0	58.0	28.9	217.8*	51.9	0.0	98	21.6	116.1	56.1	3.3	97	25.3	180.5	53.1	1.2	92
CROPLAN 314RR/Bt	92	C250	1,2	26.5	181.1*	52.8	0.9	99	8.4	4.2	57.6	29.6	225.7*	52.0	0.0	98	24.9	131.8	53.9	1.1	99	25.0	185.8*	52.6	1.5	100
DAIRYLAND DST-8711Bt	89	P250	2	25.2	158.3	53.4	0.9	98	8.3	3.6	59.7	26.3	194.2	52.3	0.0	100	23.7	104.1	54.1	1.5	96	25.6	176.6	53.9	1.2	99
DAIRYLAND STEAL TH-7184	85	P250	1,2	25.0	154.8	54.0	2.6	99	9.1	4.1	57.6	26.4	177.6	53.1	2.5	100	24.4	112.8	54.4	3.7	98	24.3	173.9	54.6	1.6	99
DEKALB DKC38-33 (RR2/YGCB)	88	P250	1,2	25.7	164.2	53.7	0.9	97	8.4	3.8	58.4	26.3	197.0	53.0	0.0	97	26.4	115.3	53.6	2.2	98	24.5	180.4	54.4	0.4	95
DEKALB DKC40-08 (RR2/YGCB)	90	P250	1,2	26.4	175.7	53.1	1.2	99	8.1	4.2	58.5	27.9	207.6	52.3	0.0	99	25.9	130.8	54.1	2.5	100	25.3	188.6*	52.8	1.2	98
DEKALB DKC41-64 (RR2/YGCB)	91	P250	1,2	27.6	175.4	51.5	0.1	99	9.3	4.3	56.6	29.5	209.3	51.3	0.0	99	28.0	126.5	51.3	0.4	97	25.4	190.5*	51.8	0.0	100
DEKALB DKC42-88 (RR2/YGPL)	92	P250	1,2,3	27.0	176.0	52.1	0.6	98	8.5	4.0	58.1	30.0	215.9	51.2	0.0	97	25.6	132.9*	53.1	1.1	99	25.4	179.3	52.1	0.8	99
DEKALB DKC44-92 (RR2)	94	P250	1	29.3	174.8	50.3	0.9	95	8.3	3.9	58.3	31.5	209.2	50.7	0.0	99	29.1	143.9**	50.5	1.9	97	27.2	171.2	49.6	0.8	89
DYNAGRO 53F09	94	P250	2	27.5	176.1	50.9	1.8	94	8.2	4.1	57.8	30.5	214.1	50.0	0.0	93	26.1	127.1	52.5	3.0	92	25.8	187.2*	50.3	2.4	97
DYNAGRO 53G01	94	P250	1,3	27.6	173.5	51.1	0.7	91	8.4	4.2	57.8	30.1	215.7	50.8	0.4	94	26.5	133.9*	52.5	0.4	91	26.3	170.9	49.9	1.2	87
DYNAGRO 53P30	92	P250	1,2	27.2	160.5	52.4	1.1	79	8.6	4.1	57.6	29.7	193.0	52.0	0.0	84	25.9	118.7	53.2	0.4	83	26.1	169.7	51.9	2.9	70
DYNAGRO 54P55	95	P250	1,2	28.9	171.5	50.9	1.3	90	9.3	4.1	57.4	30.0	213.1	52.1	0.0	84	28.4	120.4	50.9	1.8	95	27.6	180.9	49.8	2.0	92
GARST 8921YG1/RR	92	C250	1,2	27.2	171.4	51.9	1.1	99	8.6	4.0	58.0	30.7	213.4	51.1	0.4	99	26.2	112.4	52.3	2.2	99	25.5	188.3*	52.2	0.7	100
GOLDEN HARVEST H-6466CB/GT	89	C250	1,2	24.4	157.2	53.9	1.4	95	9.3	3.6	58.0	25.9	191.3	52.7	0.0	98	23.8	107.7	55.2	1.5	95	23.4	172.5	53.9	2.6	92
INTEGRA SEED INT6788RB	88	P250	1,2	26.7	168.1	53.5	0.7	100	8.7	3.8	57.8	28.3	205.6	52.9	0.0	100	26.2	122.6	53.7	1.8	100	25.5	176.1	53.8	0.4	100
LASER L-7H07Bt	95	C250	2	27.7	185.2**	51.1	0.3	98	7.7	4.4	58.1	30.4	228.2**	50.3	0.4	98	25.8	133.5*	52.4	0.0	98	26.8	194.0**	50.5	0.4	99
LEGACY EX870	87	P250		25.6	146.2	52.4	0.8	81	8.5	3.7	59.0	27.4	182.3	51.3	0.0	85	24.2	105.1	53.7	1.0	77	25.1	151.2	52.1	1.4	80
LEGACY EX881	88	P250		24.1	161.6	54.1	0.5	100	8.8	3.6	58.9	25.1	192.5	53.8	0.0	100	23.8	111.6	54.3	0.0	99	23.4	180.6	54.3	1.5	100
MYCOGEN 2PT72	84	C250	1	25.3	158.5	53.9	0.8	98	9.5	3.9	57.4	28.2	190.0	51.9	0.4	97	24.2	113.4	54.9	0.7	98	23.5	172.1	54.8	1.4	100
NK Brand N18-F2	84	C250		22.6	146.5	55.9	2.6	99	8.6	3.8	58.9	24.6	175.1	54.0	4.4	98	20.4	113.1	57.8	1.1	100	22.7	151.4	56.0	2.3	98
NK Brand N23-F7	88	C250	2,4	24.1	163.7	54.0	0.9	98	8.9	4.2	57.8	26.8	201.5	52.8	0.0	99	21.5	110.6	55.3	2.7	96	24.1	179.1	54.0	0.0	98
NK Brand N29-A2	92	C250	2,4	27.1	155.9	51.9	2.0	79	8.3	4.0	57.6	30.9	194.5	51.7	0.0	88	23.2	118.0	54.0	4.8	87	27.3	155.1	50.0	1.3	61
PIONEER 38K46	93	P250	11	26.4	163.3	51.6	2.0	92	9.4	3.8	57.9	30.7	202.1	50.7	0.4	94	23.3	114.2	52.9	2.9	85	25.2	173.6	51.1	2.7	97
PIONEER 38R50	91	P250		25.2	156.8	52.3	2.8	93	8.3	3.6	58.0	27.0	181.1	51.6	1.9	93	23.6	125.8	53.0	3.7	94	24.9	163.5	52.4	2.8	92
RENK RK244	84	C250	2,4	24.4	125.5	54.3	2.4	79	8.8	3.5	59.2	26.3	148.2	53.1	1.3	84	22.0	100.1	55.9	2.9	86	25.0	128.2	53.8	2.9	66
RENK RK438RRYGPL	92	C250	1,2,3	27.4	169.6	51.7	0.9	97	8.6	3.9	58.0	30.0	222.7*	51.5	0.0	98	26.4	119.9	52.5	1.6	92	25.8	166.2	51.0	1.1	100
TRELAY 2N553	90	P250	1,2	25.4	164.1	53.3	0.7	88	8.4	4.0	58.5	29.0	188.7	51.7	0.0	84	22.3	123.6	55.3	2.1	87	24.9	180.0	52.9	0.0	92
WOLF RIVER VALLEY 2482RR/Bt	82	1,2		24.3	161.1	53.9	1.0	98	8.9	4.3	57.1	26.8	191.2	52.4	0.0	94	22.2	115.3	55.1	1.8	99	23.8	176.7	54.1	1.1	100
WOLF RIVER VALLEY 2490RR/Bt	90	1,2		27.4	176.2	52.0	1.3	89	9.0	4.1	57.2	30.2	208.7	51.5	0.0	89	25.9	141.7*	52.7	1.1	96	26.0	178.2	51.9	2.7	83
AVERAGE				25.8	162.2	53.0	1.4	94	8.7	3.9	58.0	28.1	196.6	52.1	0.5	95	24.3	118.2	54.0	1.9	95	24.8	171.7	52.9	1.7	93
HIGHEST				29.3	185.2	55.9	3.4	100	9.5	4.7	59.7	31.5	228.2	54.7	4.4	100	29.1	143.9	57.8	4.8	100	27.6	194.0	56.1	5.8	100
LOWEST				22.6	125.5	50.3	0.1	79	7.7	3.2	56.6	24.2	148.2	50.0	0.0	84	19.7	94.7	50.5	0.0	77	21.7	128.2	49.6	0.0	61
CV (%)				3.1	5.6	1.3	133	4	4.3	6.9	1.1	2.3	4.8	1.2	233	4	3.9	8.5	1.3	100	4	2.8	4.5	1.3	129	5
LSD (5%)				0.5	6.1	0.5	1.2	3	0.4	0.3	0.8	0.8	11.0	0.8	1.4	4	1.1	11.8	0.8	2.2	4	0.8	9.0	0.8	2.6	5

2 Year Averages		TRIAL AVERAGE		% QUALITY			ALPENA			GRAND TRAVERSE			DELTA - LATE																	
		%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd											
BRAND / HYBRID	RM	TRT	Trait																											
BAYSIDE 1541RR	81		1	23.6	147.4	55.1	1.0	97	9.2	3.8	58.4	24.5	166.3	54.7	0.6	98	22.4	127.3	55.8	0.4	96	23.8	148.6	54.8	2.1	98				
BAYSIDE 2090	90			23.0	146.1	55.4	1.3	98	8.7	3.3	58.9	24.4	149.3	54.7	0.7	99	21.6	127.6	56.9	1.0	97	23.1	161.4	54.7	2.3	98.0				
BAYSIDE Super-80	80	P250		22.1	151.5	54.7	2.2	94	8.3	4.6	58.4	22.9	165.9	54.4	1.0	99	20.3	128.4	55.5	2.1	88	23.2	160.2	54.2	3.5	96				
CROPLAN 314RR/Bt	92	C250	1,2	25.7	174.7	**	53.2	0.6	99	8.1	4.0	59.0	26.9	189.9	**	53.2	0.0	99	24.6	151.1	**	53.9	0.8	99	25.6	183.1	**	52.6	0.9	100
GART 8921YG1/RR	92	C250	1,2	26.0	167.9	52.9	0.6	99	8.5	4.2	58.6	27.0	181.2	52.8	0.1	99	24.8	140.4	53.5	1.3	97	26.2	182.1	*	52.4	0.5	100			
MYCOGEN 2P172	84	C250	1	23.9	150.7	55.0	0.6	99	9.3	3.8	58.4	25.0	174.2	54.4	0.4	98	23.0	123.1	55.7	0.8	98	23.6	154.7	55.0	0.7	100				
NK Brand N18-F2	84	C250		22.1	141.5	56.8	2.1	96	8.6	3.9	59.6	22.6	155.3	56.4	3.7	97	20.5	125.5	57.9	0.8	92	23.1	143.8	56.0	1.7	98				
AVERAGE				23.8	154.3	54.7	1.2	97	8.7	3.9	58.8	24.8	168.9	54.4	0.9	98	22.5	131.9	55.6	1.0	96	24.1	162.0	54.2	1.7	98				
HIGHEST				26.0	174.7	56.8	2.2	99	9.3	4.6	59.6	27.0	189.9	56.4	3.7	99	24.8	151.1	57.9	2.1	99	26.2	183.1	56.0	3.5	100				
LOWEST				22.1	141.5	52.9	0.6	94	8.1	3.3	58.4	22.6	149.3	52.8	0.0	97	20.3	123.1	53.5	0.4	88	23.1	143.8	52.4	0.5	96				
CV (%)				3.3	6.4	1.2	125	4	4.0	6.2	1.1	2.5	5.4	1.1	252	3	3.6	9.0	1.3	97	5	3.4	5.4	1.3	108	3.7				
LSD (5%)				0.4	4.9	0.3	0.7	2	0.3	0.2	0.5	0.6	8.4	0.5	1.2	3	0.7	9.2	0.6	1.3	4	0.7	7.5	0.6	1.4	2.9				

3 Year Averages		# TRIAL AVERAGE		% QUALITY			ALPENA			GRAND TRAVERSE			DELTA - LATE													
		%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd							
BRAND / HYBRID	RM	TRT	Trait																							
BAYSIDE 1541RR	81		1	25.3	139.1	**	54.0	1.0	98	9.4	3.7	58.1	27.2	155.8	**	52.7	0.5	98	23.4	122.3	*	55.2	1.4	97		
BAYSIDE 2090	90			25.7	129.7	54.1	0.9	99	9.0	3.4	58.4	28.5	137.4	52.0	0.6	99	22.8	121.9	*	56.2	1.1	98				
BAYSIDE Super-80	80	P250		24.2	139.0	*	53.2	2.8	96	8.6	4.6	57.9	26.5	152.7	*	52.0	0.8	99	21.9	125.2	**	54.4	4.8	92		
NK Brand N18-F2	84	C250		24.0	134.9	55.9	2.7	97	8.9	3.8	59.3	25.7	148.6	54.5	3.2	98	22.3	121.2	*	57.2	2.2	95				
AVERAGE				24.8	135.7	54.3	1.9	98	9.0	3.9	58.4	27.0	148.6	52.8	1.3	99	22.6	122.6	55.8	2.4	96					
HIGHEST				25.7	139.1	55.9	2.8	99	9.4	4.6	59.3	28.5	155.8	54.5	3.2	99	23.4	125.2	57.2	4.8	98					
LOWEST				24.0	129.7	53.2	0.9	96	8.6	3.4	57.9	25.7	137.4	52.0	0.5	98	21.9	121.2	54.4	1.1	92					
CV (%)				3.3	6.2	1.2	149	4	4.1	6.2	1.2	3.0	4.9	1.0	231	3	3.5	8.2	1.2	138	4					
LSD (5%)				0.4	4.0	0.3	0.9	1	0.2	0.2	0.5	0.6	6.1	0.4	0.9	2	0.6	6.7	0.5	1.8	3					

Delta Late not included

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

No data from 2004