

PROJECT TITLE: 1995 Montana Spring Oat Performance Trial

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OBJECTIVES: To determine the adaptability of new and introduced oat varieties to Montana. The Montana Spring Oat Nursery is grown throughout Montana in several locations under, irrigation, high moisture, or dryland conditions.

RESULTS: Tables 1 through 5 give the data for the dryland trials. Table 1 gives the overall data, while Tables 2 through 5 give individual location data for yield, test weight, heading date, and plant height respectively. Overall, Border (130.1 bu/a) was the highest yielding cultivar. Otana and Valley (36.9 lb/bu) had the highest test weights for hulled oats, while Paul (42.6) had the highest test weight of the hulless cultivars. Park (37.6 in.) was the tallest cultivar, while Ajay (24.9 in.) was the shortest. 86Ab1616 (186.3 days from 1/1) was the latest heading cultivar, while NewDak and Ogle (179.3) were the earliest.

The irrigated trials are described in Tables 6 through 10. Overall, 90Ab1322 (188.4 bu/a) was the highest yielding line, while Border (177.6) was the highest yielding cultivar. Valley (38.0 lb/bu) had the highest test weight of the hulled oats, while Paul (43.8) was the highest yielding hulless cultivar. Paul (41.4 in.) was the tallest, with Ajay (29.4 in.) again the shortest. Appaloosa and 83Ab3250 (182.0 days from 1/1) were the latest heading, while Ogle (176.4) was the earliest.

SUMMARY: Dryland yields were excellent averaging 113.6 bu/a, with 36.2 lb.bu average test weights. Irrigated yields were good averaging 161 bu/a, with an average 36.9 lb/bu test weight. The semi-dwarf cultivar Ajay was the shortest overall on both dry and irrigated (24.9 and 29.4 respectively).

FUTURE PLANS: Variety evaluation will continue in the future, to provide producers with pertinent information on cultivar adaptability to their areas conditions.

**Table 1.**  
**1995 SPRING OAT STATEWIDE DRYLAND SUMMARY**  
**OVERALL SUMMARY <sup>(1)</sup>**

ID	Pedigree	Yield (bu/ac)	Test Wt. (lb/bu)	Heading Date (Days from Jan. 1)	Plant Height (inches)
CI467882	Border	130.1	34.4	185.5	32.2
CI483126	Monida	127.7	35.1	185.2	33.9
90AB1322	80Ab988/Monida	126.4	35.7	183.0	28.6
CI 9297	Appaloosa	122.6	32.9	184.7	31.5
81AB5792	Rio Grande	122.5	36.1	180.3	29.9
ND870258	Whitestone	122.0	36.0	184.9	33.6
CI 8263	Cayuse	121.7	34.4	183.0	31.8
83AB3250	Cayuse/Monida	121.6	34.2	186.0	28.2
CI 9252	Otana	118.8	36.9	184.3	37.1
NEWDAK	Newdak	117.4	35.1	179.3	34.3
CI 9401	Ogle	114.9	34.9	179.3	31.4
82AB1142	Ajay	113.9	35.9	183.9	24.9
*****	VARIETY MEAN <sup>(2)</sup> *****	113.6	36.2	183.3	32.1
ND820603	Valley	112.4	36.9	184.0	31.7
CI 6611	Park	107.2	34.8	182.1	37.6
86AB1616	86Ab1616	85.0	39.5	186.3	32.4
88AB3073	Pennlo/PI447276	76.8	42.4	185.5	31.3
ND862915	Paul	76.3	42.6	184.3	37.0

<sup>(1)</sup> Ranked on mean yield in descending order.

<sup>(2)</sup> Mean of varieties in this summary.

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**Table 2.**  
**1995 SPRING OAT STATEWIDE DRYLAND SUMMARY**  
**YIELD (bu/ac)**

ID	Pedigree	Havre	Sidney Recrop	Sidney	Moccasin	Huntley	Mean	BYX	RSQ
81AB5792	Rio Grande	162.0	80.6	119.5	106.4	143.8	122.5	1.11	0.98
82AB1142	Ajay	141.0	80.1	105.4	103.8	138.9	113.9	0.89	0.96
83AB3250	Cayuse/Monida	146.3	82.1	119.2	96.9	163.3	121.6	1.14	0.93
86AB1616	86Ab1616	112.4	48.7	77.6	72.5	113.7	85.0	0.96	0.97
88AB3073	Pennlo/PI447276	95.8	56.4	76.2	48.4	107.3	76.8	0.81	0.84
90AB1322	80Ab988/Monida	156.3	88.5	121.1	105.2	161.1	126.4	1.10	0.98
CI 6611	Park	139.8	78.9	113.9	86.5	117.0	107.2	0.82	0.89
CI 8263	Cayuse	159.2	88.7	113.8	103.2	143.4	121.7	1.01	0.98
CI 9252	Otana	153.8	86.7	114.1	106.3	133.0	118.8	0.88	0.95
CI 9297	Appaloosa	153.4	87.0	124.1	94.5	154.0	122.6	1.09	0.96
CI 9401	Ogle	157.8	78.7	104.9	94.8	138.5	114.9	1.13	0.98
CI467882	Border	165.6	93.5	126.4	106.8	158.4	130.1	1.10	0.99
CI483126	Monida	161.3	91.6	129.5	105.0	150.9	127.7	1.03	0.99
ND820603	Valley	159.6	80.0	105.4	91.6	125.7	112.4	1.05	0.91
ND862915	Paul	106.7	48.1	74.6	62.8	89.3	76.3	0.79	0.97
ND870258	Whitestone	147.0	91.4	124.2	105.4	142.2	122.0	0.83	0.99
NEWDAK	Newdak	165.7	86.2	116.6	105.6	112.7	117.4	0.85	0.68
#####	VARIETY MEAN ##### <sup>(1)</sup>	146.1	78.7	109.8	95.0	138.2	113.6	1.00	1.00
*****	SITE MEAN ***** <sup>(2)</sup>	146.5	78.7	109.8	95.0	138.2	---	---	---
C.V. 1	C.V. 1. (S/MEAN) * 100	8.71	6.86	7.79	9.06	9.05	---	---	---
LSD .05	LSD (.05)	21.2	8.9	14.0	14.3	20.4	---	---	---

<sup>(1)</sup> Mean of varieties in this summary.  
<sup>(2)</sup> Mean of all varieties grown at each location.

**Table 3.**  
**1995 SPRING OAT STATEWIDE DRYLAND SUMMARY**  
**TEST WEIGHT (lb/bu)**

ID	Pedigree	Havre	Sidney Recrop	Sidney	Moccasin	Huntley	Mean	BYX	RSQ
81AB5792	Rio Grande	34.9	38.3	36.8	35.8	34.4	36.1	0.68	0.81
82AB1142	Ajay	33.5	38.3	36.8	36.6	34.3	35.9	0.68	0.52
83AB3250	Cayuse/Monida	32.7	37.0	36.2	32.1	32.9	34.2	1.06	0.98
86AB1616	86Ab1616	36.5	42.5	44.3	34.9	39.5	39.5	1.61	0.72
88AB3073	Pennlo/PI447276	40.2	48.2	47.3	35.5	40.8	42.4	2.41	0.88
90AB1322	80Ab988/Monida	33.9	39.6	38.2	34.8	32.2	35.7	1.37	0.88
CI 6611	Park	34.2	37.2	35.8	34.4	32.2	34.8	0.80	0.79
CI 8263	Cayuse	33.3	37.2	35.3	35.0	31.0	34.4	0.85	0.58
CI 9252	Otana	37.0	38.8	38.2	35.5	34.8	36.9	0.77	0.88
CI 9297	Appaloosa	30.7	36.0	36.2	32.5	29.0	32.9	1.36	0.78
CI 9401	Ogle	33.7	37.3	36.8	34.4	32.4	34.9	0.94	0.87
CI467882	Border	33.2	36.7	36.2	33.0	32.9	34.4	0.88	0.98
CI483126	Monida	33.5	38.5	37.8	33.1	32.7	35.1	1.33	0.98
ND820603	Valley	37.6	39.5	36.7	33.4	37.3	36.9	0.68	0.40
ND862915	Paul	43.8	45.3	47.3	36.0	40.8	42.6	1.71	0.64
ND870258	Whitestone	35.1	37.0	38.2	34.9	34.7	36.0	0.66	0.81
NEWDAK	Newdak	34.1	37.8	35.5	34.0	34.1	35.1	0.73	0.86
#####	VARIETY MEAN ##### <sup>(1)</sup>	35.2	38.9	37.9	34.4	34.5	36.2	1.00	1.00
*****	SITE MEAN ***** <sup>(2)</sup>	35.1	38.9	37.9	34.4	---	---	---	---
C.V. 1	C.V.1 (S/MEAN) * 100	2.73	2.28	2.57	3.92	---	---	---	---
LSD .05	LSD (.05)	1.59	1.47	1.59	2.84	---	---	---	---

<sup>(1)</sup> Mean of varieties in this summary.

<sup>(2)</sup> Mean of all varieties grown at each location.

**Table 4.**  
**1995 SPRING OAT STATEWIDE DRYLAND SUMMARY**  
**HEADING DATE (Days from Jan. 1)**

ID	Pedigree	Havre	Sidney Recrop	Sidney	Moccasin	Huntley	Mean	BYX	RSQ
81AB5792	Rio Grande	182.0	174.7	174.0	195.3	175.5	180.3	0.97	0.99
82AB1142	Ajay	186.7	176.3	175.3	198.3	183.0	183.9	0.99	0.96
83AB3250	Cayuse/Monida	187.0	180.0	178.7	200.7	183.5	186.0	0.95	0.99
86AB1616	86Ab1616	187.7	179.7	178.3	203.0	183.0	186.3	1.08	0.99
88AB3073	Pennlo/PI447276	187.0	179.3	178.0	200.0	183.0	185.5	0.96	1.00
90AB1322	80Ab988/Monida	185.3	175.3	175.0	198.0	181.5	183.0	1.01	0.98
CI 6611	Park	183.0	177.3	176.3	196.0	178.0	182.1	0.88	0.99
CI 8263	Cayuse	185.7	175.7	176.0	198.3	179.5	183.0	1.02	0.99
CI 9252	Otana	184.7	178.3	177.3	198.7	182.5	184.3	0.92	0.98
CI 9297	Appaloosa	186.7	178.7	176.7	200.0	181.5	184.7	1.01	1.00
CI 9401	Ogle	183.0	173.0	172.3	193.0	175.0	179.3	0.94	0.98
CI467882	Border	186.3	179.7	177.7	200.3	183.5	185.5	0.96	0.98
CI483126	Monida	186.7	179.0	177.7	199.3	183.5	185.2	0.93	0.98
ND820603	Valley	185.3	177.7	176.3	199.3	181.5	184.0	1.00	0.99
ND862915	Paul	187.0	178.0	178.3	200.0	178.0	184.3	1.03	0.98
ND870258	Whitstone	186.3	179.3	177.0	199.3	182.5	184.9	0.95	0.99
NEWDAK	Newdak	183.0	174.0	172.3	193.3	174.0	179.3	0.95	0.98
#####	VARIETY MEAN ##### <sup>(1)</sup>	185.5	177.5	175.7	198.4	179.5	183.3	1.00	1.00
*****	SITE MEAN ***** <sup>(2)</sup>	185.6	177.5	175.7	198.4	179.5	—	—	—
C.V. 1	C.V. 1 (S/MEAN) * 100	0.86	0.38	0.39	0.32	0.96	—	—	—
LSD .05	LSD (.05)	2.65	1.10	1.12	1.04	3.50	—	—	—

<sup>(1)</sup> Mean of varieties in this summary.

<sup>(2)</sup> Mean of all varieties grown at each location.

**Table 5.**  
**1995 SPRING OAT STATEWIDE DRYLAND SUMMARY**  
**PLANT HEIGHT (inches)**

ID	Pedigree	Havre	Sidney Recrop	Sidney	Moccasin	Huntley	Mean	BYX	RSQ
81AB5792	Rio Grande	34.1	23.1	31.2	32.0	29.0	29.9	0.81	0.86
82AB1142	Ajay	31.0	18.1	23.9	27.3	24.0	24.9	0.95	0.92
83AB3250	Cayuse/Monida	32.7	21.6	29.3	30.3	27.0	28.2	0.81	0.86
86AB1616	86Ab1616	36.2	23.6	29.7	33.3	39.0	32.4	1.09	0.77
88AB3073	Pennlo/PI447276	35.0	23.0	29.4	34.3	35.0	31.3	1.04	0.91
90AB1322	80Ab988/Monida	33.5	20.5	27.0	30.0	32.0	28.6	1.05	0.96
CI 6611	Park	47.3	26.8	34.6	39.3	40.0	37.6	1.55	0.97
CI 8263	Cayuse	36.4	23.8	31.6	34.3	33.0	31.8	1.00	0.98
CI 9252	Otana	42.6	29.5	38.6	38.7	36.0	37.1	0.93	0.86
CI 9297	Appaloosa	35.5	23.8	31.4	33.0	34.0	31.5	0.94	0.96
CI 9401	Ogle	35.2	25.6	30.3	34.0	32.0	31.4	0.77	0.97
CI467882	Border	36.9	24.4	31.6	33.0	35.0	32.2	0.97	0.96
CI483126	Monida	39.8	25.7	34.5	34.3	35.0	33.9	1.03	0.95
ND820603	Valley	37.5	25.2	32.7	33.0	30.0	31.7	0.85	0.82
ND862915	Paul	44.4	28.1	34.2	37.3	41.0	37.0	1.26	0.92
ND870258	Whitestone	38.5	24.0	32.8	34.7	38.0	33.6	1.17	0.92
NEWDAK	Newdak	39.5	26.0	34.2	38.7	33.0	34.3	1.05	0.87
#####	VARIETY MEAN ##### <sup>(1)</sup>	37.4	24.6	31.1	34.0	33.6	32.1	1.00	1.00
*****	SITE MEAN ***** <sup>(2)</sup>	37.5	24.6	31.1	34.1	---	---	---	---
C.V. 1	C.V. 1 (S/MEAN) * 100	5.33	3.84	4.53	4.36	---	---	---	---
LSD .05	LSD (.05)	3.32	1.56	2.29	2.46	---	---	---	---

<sup>(1)</sup> Mean of varieties in this summary.

<sup>(2)</sup> Mean of all varieties grown at each location.

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**Table 6.**  
**1995 SPRING OAT STATEWIDE IRRIGATED SUMMARY**  
**OVERALL SUMMARY <sup>(1)</sup>**

ID	Pedigree	Yield (bu/ac)	Test Weight (lb/bu)	Heading Date (Days from Jan. 1)	Plant Height (inches)
90AB1322	80Ab988/Monida	188.4	36.2	180.1	32.9
CI467882	Border	177.6	35.5	181.8	35.3
CI483126	Monida	173.3	35.9	181.3	39.3
CI 9297	Appaloosa	170.8	33.1	182.0	36.7
83AB3250	Cayuse/Monida	169.9	35.3	182.0	31.9
81AB5792	Rio Grande	169.5	36.1	177.7	35.1
ND870258	Whitestone	167.4	37.4	180.9	36.7
82AB1142	Ajay	166.7	35.2	180.4	29.4
CI 8263	Cayuse	165.8	34.9	180.4	36.5
ND820603	Valley	164.0	38.0	180.7	35.4
CI 9252	Otana	162.9	36.7	180.5	40.7
*****	SITE MEAN ***** <sup>(2)</sup>	161.0	36.9	180.1	36.2
CI 9401	Ogle	156.2	35.2	176.4	34.8
NEWDAK	Newdak	154.7	35.9	176.5	38.5
CI 6611	Park	140.5	34.4	180.1	41.3
86AB1616	86Ab1616	128.0	41.4	181.9	38.0
88AB3073	Pennlo/PI447276	123.5	43.5	181.4	34.8
ND862915	Paul	122.3	43.8	180.9	41.4

<sup>(1)</sup> Ranked on mean yield in descending order.

<sup>(2)</sup> Mean of varieties in this summary.

**Table 7.**  
**1995 SPRING OAT STATEWIDE IRRIGATED SUMMARY**  
**YIELD (bu/ac)**

ID	Pedigree	Sidney	Kalispell	Bozeman	Huntley	Mean	BYX	RSQ
81AB5792	Rio Grande	128.7	204.2	142.5	202.6	169.5	1.18	0.96
82AB1142	Ajay	136.7	192.1	153.9	184.2	166.7	0.78	0.99
83AB3250	Cayuse/Monida	122.5	210.2	164.0	183.0	169.9	1.07	0.92
86AB1616	86Ab1616	77.2	148.2	120.5	166.0	128.0	1.12	0.91
88AB3073	Pennlo/PI447276	85.9	158.8	117.2	131.9	123.5	0.87	0.90
90AB1322	80Ab988/Monida	154.8	199.6	177.3	221.9	188.4	0.81	0.85
CI 6611	Park	89.0	167.9	149.6	155.7	140.5	0.96	0.80
CI 8263	Cayuse	134.4	196.6	151.5	180.8	165.8	0.84	0.97
CI 9252	Otana	116.2	196.6	146.8	191.8	162.9	1.16	1.00
CI 9297	Appaloosa	141.5	210.2	152.1	179.2	170.8	0.86	0.86
CI 9401	Ogle	124.6	193.6	131.1	175.3	156.2	0.98	0.92
CI467882	Border	127.8	216.3	163.8	202.5	177.6	1.21	1.00
CI483126	Monida	131.6	232.9	153.1	175.6	173.3	1.16	0.77
ND820603	Valley	150.4	186.0	131.6	188.1	164.0	0.68	0.66
ND862915	Paul	85.9	152.8	106.5	144.0	122.3	0.95	0.99
ND870258	Whitestone	124.4	202.7	145.8	196.7	167.4	1.16	0.99
NEWDAK	Newdak	126.6	190.6	119.8	181.8	154.7	1.02	0.84
#####	VARIETY MEAN ##### <sup>(1)</sup>	121.1	191.2	147.1	184.8	161.0	1.00	1.00
*****	SITE MEAN ***** <sup>(2)</sup>	121.2	191.1	147.1	184.8	---	---	---
C.V. 1	C.V.1 (S/MEAN) * 100	9.09	7.90	8.93	8.77	---	---	---
LSD .05	LSD (.05)	18.3	25.1	18.4	26.4	---	---	---

<sup>(1)</sup> Mean of varieties in this summary.

<sup>(2)</sup> Mean of all varieties grown at each location.

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**Table 8.**  
**1995 STATEWIDE OAT STATEWIDE IRRIGATED SUMMARY**  
**TEST WEIGHT (lb/bu)**

ID	Pedigree	Sidney	Kalispell	Bozeman	Huntley	Mean	RSQ	RSQ
81AB5792	Rio Grande	32.7	37.2	41.5	33.0	36.1	1.01	0.96
82AB1142	Ajay	30.5	38.1	39.5	32.7	35.2	1.05	0.97
83AB3250	Cayuse/Monida	30.8	37.2	41.6	31.4	35.3	1.26	0.98
86AB1616	86Ab1616	38.2	42.4	45.5	39.4	41.4	0.81	0.99
88AB3073	Pennlo/PI447276	40.0	43.1	48.2	42.8	43.5	0.79	0.86
90AB1322	80Ab988/Monida	31.3	37.2	42.5	33.8	36.2	1.18	0.98
CI 6611	Park	27.2	37.5	40.5	32.4	34.4	1.42	0.96
CI 8263	Cayuse	32.0	37.1	39.5	31.0	34.9	0.96	0.91
CI 9252	Otana	31.3	39.4	41.4	34.8	36.7	1.10	0.96
CI 9297	Appaloosa	28.3	35.6	39.6	28.9	33.1	1.34	0.98
CI 9401	Ogle	32.2	37.0	39.7	31.8	35.2	0.93	0.95
CI467882	Border	30.7	36.6	41.7	32.9	35.5	1.19	0.99
CI483126	Monida	31.5	38.0	42.4	31.8	35.9	1.29	0.98
ND820603	Valley	33.7	38.7	42.5	37.2	38.0	0.88	0.93
ND862915	Paul	39.7	43.7	47.4	44.3	43.8	0.68	0.75
ND870258	Whitestone	32.3	39.0	41.8	36.6	37.4	0.96	0.93
NEWDAK	Newdak	33.5	37.3	39.1	33.9	35.9	0.66	0.97
#####	VARIETY MEAN ##### <sup>(1)</sup>	32.7	38.5	41.7	34.6	36.9	1.00	1.00
*****	SITE MEAN ***** <sup>(2)</sup>	32.7	38.5	41.7	---	---	---	---
C.V. 1	C.V. 1 (S/MEAN) * 100	4.72	2.06	2.01	---	---	---	---
LSD .05	LSD (.05)	2.66	1.32	1.70	---	---	---	---

<sup>(1)</sup> Mean of varieties in this summary.  
<sup>(2)</sup> Mean of all varieties grown at each location.

**Table 9.**  
**1995 STATEWIDE OAT STATEWIDE IRRIGATED SUMMARY**  
**HEADING DATE (Days from Jan. 1)**

ID	Pedigree	Sidney	Kalispell	Bozeman	Huntley	Mean	RSQ	BYX
81AB5792	Rio Grande	171.7	174.7	190.0	174.5	177.7	0.99	0.98
82AB1142	Ajay	173.0	178.7	192.8	177.0	180.4	1.03	1.00
83AB3250	Cayuse/Monida	174.7	181.0	193.5	179.0	182.0	0.97	1.00
86AB1616	86Ab1616	174.7	181.3	193.2	178.5	181.9	0.96	0.99
88AB3073	Pennlo/PI447276	174.3	179.7	193.0	178.5	181.4	0.97	1.00
90AB1322	80Ab988/Monida	172.3	178.7	192.0	177.5	180.1	1.00	0.99
CI 6611	Park	172.0	178.7	191.8	178.0	180.1	0.99	0.98
CI 8263	Cayuse	172.7	179.3	192.0	177.5	180.4	0.99	0.99
CI 9252	Otana	173.3	179.7	192.5	176.5	180.5	1.01	1.00
CI 9297	Appaloosa	174.3	181.7	194.0	178.0	182.0	1.02	0.99
CI 9401	Ogle	169.7	174.3	189.5	172.0	176.4	1.07	0.99
CI467882	Border	175.0	180.7	193.5	178.0	181.8	0.98	1.00
CI483126	Monida	174.3	180.0	193.2	177.5	181.3	1.00	1.00
ND820603	Valley	173.7	179.0	192.8	177.5	180.7	1.00	1.00
ND862915	Paul	174.0	179.0	193.0	177.5	180.9	1.00	0.99
ND870258	Whitestone	174.7	178.3	192.8	178.0	180.9	0.96	0.99
NEWDAK	Newdak	169.7	173.0	191.2	172.0	176.5	1.18	0.98
#####	VARIETY MEAN ##### <sup>(1)</sup>	173.2	178.8	192.1	176.3	180.1	1.00	1.00
*****	SITE MEAN ***** <sup>(2)</sup>	173.2	178.8	192.1	176.3	---	---	---
C.V. 1	C.V.1 (S/MEAN) * 100	0.35	0.51	0.43	0.39	---	---	---
LSD .05	LSD (.05)	1.01	1.52	1.17	1.39	---	---	---

<sup>(1)</sup> Mean of varieties in this summary.

<sup>(2)</sup> Mean of all varieties grown at each location.

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**Table 10.**  
**1995 STATEWIDE OAT STATEWIDE IRRIGATED SUMMARY**  
**PLANT HEIGHT (inches)**

ID	Pedigree	Sidney	Kalispell	Bozeman	Huntley	Mean	RSQ	BYX
81AB5792	Rio Grande	32.1	38.7	29.5	40.0	35.1	1.04	0.88
82AB1142	Ajay	28.2	32.1	25.2	32.0	29.4	0.71	0.94
83AB3250	Cayuse/Monida	31.5	36.8	28.1	31.0	31.9	0.68	0.75
86AB1616	86Ab1616	34.9	42.0	31.1	44.0	38.0	1.23	0.87
88AB3073	Pennlo/PI447276	31.9	38.1	29.3	40.0	34.8	1.01	0.84
90AB1322	80Ab988/Monida	29.5	36.8	28.4	37.0	32.9	0.96	0.90
CI 6611	Park	37.3	47.2	37.8	43.0	41.3	0.97	0.88
CI 8263	Cayuse	34.6	41.3	30.1	40.0	36.5	1.12	0.98
CI 9252	Otana	37.8	47.2	36.6	41.0	40.7	0.98	0.88
CI 9297	Appaloosa	34.2	42.6	30.7	39.0	36.7	1.15	1.00
CI 9401	Ogle	32.9	40.7	30.7	35.0	34.8	0.88	0.89
CI467882	Border	33.5	40.7	31.1	36.0	35.3	0.87	0.94
CI483126	Monida	37.7	44.0	36.6	39.0	39.3	0.64	0.81
ND820603	Valley	33.6	38.7	30.3	39.0	35.4	0.89	0.93
ND862915	Paul	38.1	45.9	37.6	44.0	41.4	0.89	0.94
ND870258	Whitestone	35.2	41.3	30.3	40.0	36.7	1.08	0.97
NEWDAK	Newdak	35.6	42.6	31.9	44.0	38.5	1.19	0.89
#####	VARIETY MEAN #### <sup>(1)</sup>	34.0	41.2	30.9	38.5	36.2	1.00	1.00
*****	SITE MEAN ***** <sup>(2)</sup>	34.1	41.2	30.9	—	—	—	—
C.V. 1	C.V. 1 (S/MEAN) * 100	4.09	4.97	4.65	—	—	—	—
LSD .05	LSD (.05)	2.32	3.40	2.93	—	—	—	—

<sup>(1)</sup> Mean of varieties in this summary.

<sup>(2)</sup> Mean of all varieties grown at each location.