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CALIFORNIA RICE VARIETIES

DESCRIPTION AND PERFORMANCE SUMMARY OF THE 2007 AND MULTIYEAR STATEWIDE RICE VARIETY TESTS IN CALIFORNIA

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University of California Cooperative Extension rice variety evaluation tests were conducted in the Sacramento and San Joaquin Valleys in 2007. This program, a cooperative effort involving the California Cooperative Rice Research Foundation, Inc. (CCRRFI) and the United States Department of Agriculture (USDA), compares advanced breeding lines with commercially available rice varieties and evaluates preliminary breeding lines to determine their adaptation to the principal rice growing areas of California. Entries in the tests include lines and varieties developed by CCRRFI rice breeders. The program is partially funded by the Rice Research Board and cooperating growers provide land, water and on-site management for the tests. Names and brief descriptions of the current publicly developed varieties are listed in Table 1.

A warm dry spring and excellent planting conditions resulted in an estimated 534,000 acres of rice planted in 2007 (a slight increase compared to 2005 and 2006). The estimated statewide yield was 8,300 lbs/ac, 6.7% higher than the 2006 average. Mid-summer temperatures were relatively mild (Table 2), resulting in reduced lodging, delayed heading and maturity, increased yields, and improved milling quality. The majority of the crop was harvested in ideal weather conditions.

EXPERIMENTAL PROCEDURE

Cultivars and Locations

Field experiments were conducted at eight farm locations in the rice growing counties of California. Two classes of tests were conducted at each site: 1) Advanced tests consisting of advanced breeding lines and commercial varieties; and 2) Preliminary tests consisting of lines to be newly evaluated on a statewide basis. Advanced and preliminary tests were conducted in three maturity groups, Very Early, Early, and Intermediate to Late. Entries in each test were generally restricted to a single maturity group to avoid too early or too late maturation relative to the field

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variety of the test location. Commercial varieties in the very early and early maturity classes, however, were evaluated in both Very Early and Early tests. Advanced and preliminary lines from the three maturity groups were also evaluated at the Rice Experiment Station (RES), Biggs, California, for a total of 22 statewide tests. Advanced tests were arranged in randomized complete block designs with four replications, while preliminary lines were planted in two replications (four replications at the RES only). Seed for the tests was provided by the RES. Maturity groups, test locations and commercial standards in each test were as follows:

Very Early Maturity Group. Ten advanced breeding lines and seven commercial varieties were evaluated in Advanced Test at each of the following locations.

	Date Planted
• Butte County (RES)	5/15,5/24 (Reps 1&2, 3&4 respectively)
• Sutter County (Lauppe)	5/05
• Yolo County (Webster)	5/12
• San Joaquin (Del Rio Partners)	5/03

Commercial varieties included Calmochi-101, S-102, M-104, M-202, M-206, L-205, and L-206. Thirty-four experimental lines were evaluated in the preliminary test at each location. Advanced and preliminary experimental lines at each location were entries from the RES breeding program.

Early Maturity Group. Ten advanced lines and eight commercial varieties were evaluated in the advanced test at each of the following locations.

	Date Planted
• Butte County (RES)	5/15,5/25 (Reps 1&2, 3&4 respectively)
• Butte County (Larriabee)	5/14
• Colusa County (Dennis)	5/07
• Yuba County (Marler Farms)	5/10

Commercial varieties included Calmochi-101, S-102, M-202, M-205, M-206, M-208, L-205, and L-206. Thirty-three preliminary lines and three commercial lines (Calhkari-201, Calmati-201 and Calmati-202) were included in a separate preliminary test at each site. All advanced and preliminary experimental lines were entries from the RES breeding program.

Late Maturity Group. Five commercial varieties and eight advanced lines were evaluated in Advanced Test at the following locations.

	Date Planted
• Butte County (RES)	5/18,5/25 (Reps 1&2, 3&4 respectively)
• Glenn County (Wiley)	4/19
• Sutter County (Tucker)	5/17

Commercial varieties included M-202, M-205, M-402, L-205, and L-206. Eighteen experimental lines and four commercial lines (Calhkari-201, Calamylow-201, Calmati-201 and Calmati-202) were included in a separate preliminary test at each site. Advanced and preliminary non-commercial lines were entries from the RES breeding program.

Planting and Harvesting

Individual plots were water-seeded by hand at a planting rate of 144 lb/acre. Agronomic characteristics measured for each entry were seedling vigor, days to 50% heading, plant height, lodging at harvest, grain moisture at harvest and grain yield at 14% moisture. Seedling vigor was rated subjectively by visual observation on a scale of 1 (poor) to 5 (excellent) at three to four weeks after planting. Scores were based on plant health and stand at crop emergence (through the water). Days to 50% heading was measured as the number of days from planting to when 50% of the heads were free from the boot. Plant height was measured at harvest as the distance from the soil surface to the tip of the panicle. Plant lodging was rated visually on a scale of 1 (no lodging) to 99 (all plants completely lodged).

All county tests except Butte (harvested with our new ALMACO combine) were harvested with a SWECO 324 small plot combine and plots at the RES were harvested with a modified Allis-Chalmers combine. The harvest area for all county plots was 143.4 ft² (0.0033acre) and 150 ft² (0.0034acre) at the RES. Grain moisture was assessed at harvest and yields adjusted to 14% moisture.

SUMMARY OF THE VERY EARLY RICE VARIETY TESTS

(<90 days to 50% heading at Biggs, CA)

A four location combined yield and agronomic performance summary is given in Table 3. Agronomic performance data for individual entries at each Very Early location are presented in Tables 4 through 7. Entries are ranked by grain yield with the highest yielding entry appearing first. A yield summary of selected Very Early commercial rice varieties by location and year (2003-2007) is found in Table 8.

Grain yields in the advanced tests averaged 9530 lbs/acre at the RES, 10660 at Sutter, 7220 at Yolo, and 8120 at San Joaquin. Over the four locations, the highest yielding commercial variety was S-102 at 9830 lbs/acre (Table 3). Entry 05Y724, an advanced medium grain, was the highest yielding entry overall and at three of four locations (ranking second at San Joaquin). No variety produced a significantly higher yield than S-102 at any location. L-206 yield second highest at Yolo and San Joaquin (the coldest location).

Days to 50% heading in 2007 averaged 17 days more than in 2006. Relatively mild mid-summer temperatures slowed plant development resulting in decreased plant height (thus reduced lodging), delayed maturation, and an overall increase in head rice yield and grain quality. Average lodging scores across all locations averaged 25% less than the 2006 season.

Table 8 is a summary of very early commercial rice variety yields compared by locations and over years. Common year-location entries are compared to give relative yield as a percentage of M-104, the very early standard. An average of the very early tests, over the last 5 years, shows that M-103, M-202, M-206, Calmochi-101, S-102, L-204, and L-205 yielded 99%, 101%, 106%, 100%, 110%, 104%, and 103% (respectively) of the standard variety M-104. Over the 5-year period and across locations, S-102 was the highest yielding variety followed by M-206 at 9396 lbs/ac and 9111 lbs/ac respectively (Table 8).

SUMMARY OF THE EARLY RICE VARIETY TESTS

(90-97 days to 50% heading at Biggs, CA)

Agronomic performance data for individual entries at each early location are presented in Tables 10 through 13. A four location combined yield summary is given in Table 9. Entries are ranked by grain yield with the highest yielding entry appearing first.

Yields in the advanced tests averaged 8420 lb/acre at the RES, 8220 lb/acre at Butte, 6810 lb/ac at Yuba, and 9280 lb/acre at Colusa. M-206 yielded highest overall and at Yuba and significantly the same as the leading entry at both Biggs and Colusa. The highest yielding entry overall, at Biggs and Butte is the advanced line 03Y496 (Table 9). Overall, commercial varieties M-205 and L-206, yielded third and fifth respectively. Other leading advanced cultivars were long-grain 99Y529 and the medium-grain premium quality entry 03Y559 (second and fourth, respectively). Commercial varieties S-102, L-205, and M-202 ranked 13th, 14th, and 16th in over-location yield average. Of the preliminary lines, medium-grain entries 06Y445, 06Y916, and 06Y400 were ranked first, second, and third, respectively.

Average days to 50% heading increased 8 days while lodging and plant height both decreased (4 inches and 20% respectively) compared to 2006.

Table 14 shows the over-year and over-location yields for selected commercial varieties. Common year-location entries are compared to give relative yield as a percentage of M-202, the early standard. Cahikari-201 yielded 91%, M-204 105%, M-205 108%, M-206 103%, Calmati-201 86%, and L-205 101% of M-202 in the Early tests over the last five years.

SUMMARY OF THE INTERMEDIATE-LATE RICE VARIETY TESTS

(intermediate= 98-105 days and late= > 105 days to 50% heading at Biggs, CA)

Agronomic performance data for individual entries at each intermediate-late location are presented in Tables 16 through 18. A three location combined yield summary is given in Table 15. Entries are ranked by grain yield with the highest yielding entry appearing first.

Average yields in the advanced Intermediate-Late tests were 9530 lb/acre at the RES, 9530 lb/acre at Glenn, and 9540 lb/acre at Sutter. Medium-grain cultivar M-205 was the highest yielding entry at Glenn and not significantly different than the leading entry at either of the other two locations (Table 15). Climatic conditions mentioned earlier resulted in an average 9% reduction in lodging and an increase of 6 days to 50% heading. In the preliminary tests, medium-grain 06Y664 yielded highest overall (9820 lb/acre).

Table 19 compares intermediate-late maturing commercial cultivars in over-location and over-years tests. Using M-202 as the standard for comparison, M-205, M-402, and L-205 yielded 108%, 98% and 103%, respectively, of M-202 over the last five years.

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Table 1. Characteristics of Public California Rice Varieties - 2007

CHARACTERISTICS OF PUBLIC CALIFORNIA RICE VARIETIES - 2007					
Grain Type	Maturity	Year Seed Widely Available	Stem Rot Score ¹	Seedling Vigor ²	Comments
Short Grain			(0-10)	(1-5)	
S-102 ⁶	Very Early ³	1998	5.6	4.3	Very high yield potential. Good resistance to blanking with a very large grain. Rough leaves and hulls, grain dries down rapidly during ripening. Susceptible to stem rot.
Medium Grains					
M-104 ^{6,7}	Very Early ³	2002	5.4	4.4	Replacement for M-103 in San Joaquin Valley and as an alternative to M-202 in other cool rice areas. Improved seedling vigor, lodging resistance, and yield compared to M-103. Milling yields similar to M-103. Heads 8 to 10 days earlier than M-202. Early planting in warm areas could limit yield and quality.
M-202	Early	1987	5.5	4.4	Very high yield potential. Moderate lodging potential. Long time favorite variety that threshes easily.
M-205 ^{6,7}	Early	2002	4.9	4.1	Very high yield potential. Primary adaptation area west of Highway 70 and north of Highway 20. Height, seedling vigor, and blanking resistance similar to M-204. Matures 4-7 days later than M-202. Improved milling yields relative to M-202. Not recommended for Escalon, Natomas or other cool areas.
M-206 ^{6,7}	Very Early to Early	2005	4.8	4.3	Very high yield potential. Adapted to entire rice area. Comparable to other medium grains. Improved resistance to blanking and lodging. Improved whole grain head potential. Four days later than M-104 and four days earlier than M-202. Avoid late planting in the Escalon/Delta areas.
M-208 ^{6,7}	Early	2008	6.6	4.3	Calrose cultivar released with IG-1 blast resistance. Released for bast problems areas of Glenn and Colusa Counties. Primarily adapted to north of the Yolo-Colusa County line and west of Hwy 70. Production practices comparable to M-202.
Long Grains					
L-205 ⁶	Early	2001	5.2	3.9	Newrex type, dry cooking long grain. High yield potential. Two days later than L-204. Resistant to lodging. More resistant to blanking than L-204. Seedling vigor fair. Seed size slightly smaller than L-204. Similar milling yield to L-204. Avoid early draining (requires 40-45 days after 50% heading to mature) and harvest at 16-18% grain moisture to maximize milling yield.
L-206 ^{6,7}	Very Early to Early	2008	5.5	4.4	Conventional long grain with improved cooking quality. Very high yield potential. Four days earlier than L-205 and M-202. Considerably shorter than L-205 and M-202. Average head rice yield 62%. Adapted to most areas except in coldest and warmest rice growing regions. Harvest at 17 - 18% grain moisture.
Premium Quality					
M-401	Late	1983	5.1	4.3	<i>Premium quality</i> medium grain rice with large kernels. Good yield potential but susceptible to blanking, lodging and damage from premature drainage. Use 20-25% less nitrogen than on other medium grain varieties. Best adapted to warmer areas. Milling yields lower than other medium grain varieties.
M-402 ^{6,7}	Late	2001	4.7	4.2	<i>Premium quality</i> medium grain. Kernel size is smaller than M-401, much higher head rice potential. About 5-7 days earlier than M-401 with better straw strength. Adapted to warmer areas.
Calhikari-201 ^{5,6,7}	Early	2001	6.0	4.4	<i>Premium quality</i> short grain developed for the Japanese premium short-grain market. Has very good seedling vigor. A semidwarf with much greater yield potential and resistance to lodging than Japanese varieties. Rough leaves and hulls. Cold delays maturity and increases blanking. Use low nitrogen to maximize market quality.
Specialty Rices⁵					
Calmochi-101 ⁵	Very Early ^{3,4}	1987	5.3	4.2	Glutinous (sweet, waxy) rice. Excellent blanking resistance. Has rough leaves and hulls, no awns. Grain dries down rapidly during ripening.
Calamylow-201 ^{5,6}	Early ⁴	2009	6.2	4.2	Low amylose content (≈6-7%), opaque kernel and small short grain shape. Rough leaves and hull and not adapted to cool temperature areas. Low yield potential very limited market.
Calmati-201 ^{5,6}	Early ⁴	2001	5.1	3.9	A basmati type aromatic long grain. Moderate yield potential. Five days later than L-204. Pubescent leaves and hull. Milling yield is considerably higher than A-201. Very susceptible to blanking and should not be grown in cool areas. Excessive nitrogen and late planting will delay maturity and increase blanking. Harvest at 17-18% grain moisture.
Calmati-202 ^{5,6,7}	Early ⁴	2008	6.0	4.4	A basmati type long grain with improved cooking quality and more slender grain. Excellent seedling vigor. Yield potential is 10% lower than CT-201. Pubescent leaves and hull. Average milling yield 58 - 60%. Susceptible to blanking and should not be grown in cool areas. Avoid excessive nitrogen. Harvest at 17-18% grain moisture.

1 Average stem rot score over last five years: 0 = no disease and 10 = severe disease.

2 Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling vigor.

3 Milling quality and yield may be reduced by early planting in warmer areas.

4 Specialty varieties should not be grown unless arrangements have first been made with a marketing agency.

5 These varieties are considered varieties of Commercial Impact (Tier I) and are subject to production regulations.

6 Protected under the Plant Variety Protection Act and only to be sold as a class of certified seed.

7 Utility Patent

Table 2. 2007 County Weather Data - Daily Maximums and Minimums (°F). (continued)

	Glenn (Willows)		Colusa (colusa)		Yolo (Woodland)		Butte (Durham)		Yuba (Yuba City)		Sutter (Nicolas)	
	max	min	max	min	max	min	max	min	max	min	max	min
Aug 01	99	60	100	61	100	60	93	60	98	62	98	57
Aug 02	94	60	93	61	96	59	91	63	95	58	94	58
Aug 03	97	61	98	60	100	60	94	61	102	58	98	58
Aug 04	90	53	103	63	102	58	96	60	105	63	101	56
Aug 05	101	56	85	57	81	59	79	57	83	67	77	57
Aug 06	83	54	75	56	75	56	73	57	71	49	74	54
Aug 07	87	52	84	52	85	53	81	50	86	49	83	52
Aug 08	90	54	88	55	89	55	85	54	90	52	87	53
Aug 09	90	55	90	52	90	55	87	54	92	52	88	53
Aug 10	91	57	93	61	94	58	89	55	94	52	92	56
Aug 11	90	57	90	60	93	58	86	55	91	56	88	55
Aug 12	90	51	89	56	90	56	86	52	90	52	88	53
Aug 13	93	51	92	51	94	56	87	51	93	52	92	51
Aug 14	94	51	94	52	95	54	91	51	96	54	93	50
Aug 15	92	54	94	60	94	59	90	56	95	53	95	53
Aug 16	91	51	92	57	94	58	88	52	92	55	91	55
Aug 17	90	53	91	54	91	57	86	53	93	54	90	53
Aug 18	89	52	89	61	91	59	86	54	92	54	88	56
Aug 19	90	57	87	59	89	59	84	61	92	57	87	57
Aug 20	94	59	93	62	95	63	90	59	95	60	92	60
Aug 21	99	62	98	63	99	64	100	66	101	61	96	60
Aug 22	102	66	100	64	101	65	96	64	103	64	100	61
Aug 23	99	65	102	63	103	64	95	62	104	63	102	61
Aug 24	97	59	95	63	96	61	91	63	98	60	92	60
Aug 25	93	61	96	63	95	60	90	62	97	58	91	58
Aug 26	94	58	92	58	92	58	88	57	94	55	89	56
Aug 27	99	53	94	53	95	57	91	53	97	55	92	54
Aug 28	99	60	95	58	101	63	95	58	102	58	101	57
Aug 29	100	65	102	66	106	70	98	63	107	61	102	64
Aug 30	100	68	102	67	104	70	96	65	106	66	98	67
Aug 31	100	68	102	68	99	67	94	69	105	69	97	67
Oct 01	83	40	74	53	73	57	75	52	75	52	72	45
Oct 02	83	54	84	44	84	48	81	53	83	44	83	40
Oct 03	80	46	80	46	81	45	79	48	81	48	80	48
Oct 04	71	40	72	43	72	42	69	49	72	46	72	43
Oct 05	76	41	69	41	66	44	67	42	68	43	66	38
Oct 06	77	46	74	38	74	42	74	36	72	40	72	36
Oct 07	79	48	76	46	78	40	75	44	75	40	76	36
Oct 08	79	47	79	41	81	44	80	42	72	44	82	41
Oct 09	77	48	75	46	70	49	74	42	78	48	72	45
Oct 10	68	49	69	49	68	51	68	49	68	45	69	46
Oct 11	63	45	66	44	69	47	67	43	70	41	70	40
Oct 12	77	51	59	48	59	52	62	49	64	44	58	49
Oct 13	77	43	74	44	73	45	74	43	73	44	76	42
Oct 14	74	45	73	47	73	48	74	46	76	45	75	46
Oct 15	70	43	70	52	67	50	67	52	56	48	68	50
Oct 16	68	45	57	51	59	50	57	51	70	51	59	48
Oct 17	67	43	66	49	68	47	66	49	68	43	70	46
Oct 18	74	51	65	54	70	50	65	54	69	47	70	49
Oct 19	73	40	70	54	71	56	70	54	73	50	73	52
Oct 20	76	43	65	43	66	53	65	43	68	42	66	43
Oct 21	84	41	73	45	74	51	73	45	70	44	74	44
Oct 22	87	57	79	42	78	44	79	42	79	41	79	38
Oct 23	87	46	84	43	83	48	86	44	84	44	83	43
Oct 24	83	48	82	44	86	48	84	45	87	46	85	43
Oct 25	78	48	81	46	80	49	80	45	81	49	83	42
Oct 26	84	51	75	49	73	45	75	47	74	44	74	42
Oct 27	84	55	81	44	80	49	83	47	78	47	83	43
Oct 28	81	50	81	47	80	51	82	49	80	52	81	50
Oct 29	75	54	77	50	76	51	75	53	75	52	79	48
Oct 30	82	45	68	49	67	45	69	47	67	47	67	48
Oct 31	81	42	71	47	71	46	71	42	65	45	72	43

Table 3. 2007 Very Early Rice Variety Tests - Four Location Summary

Advanced Lines and Varieties

Variety	Grain Type	Ave Grain Yield at 14% Moisture lbs/acre		Single Location Yields				Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
		Biggs	Sutter	Yolo	San Joaquin							
05Y724	M	9920 (1)	11190 (1)	11290 (1)	7720 (1)	9480 (4)	17.9 (4)	4.9 (10)	91 (6)	13 (7)	35 (4)	
S102	S	9830 (2)	10730 (4)	11100 (4)	7140 (11)	10340 (1)	14.4 (17)	4.8 (16)	88 (2)	23 (11)	36 (9)	
M206	M	9750 (3)	11030 (2)	11250 (2)	7350 (8)	9380 (5)	17.7 (5)	4.9 (11)	91 (8)	19 (9)	36 (8)	
L206	L	9540 (4)	10360 (6)	10440 (14)	7520 (2)	9850 (2)	15.0 (16)	4.9 (3)	91 (7)	11 (6)	32 (1)	
01Y655	REX	9080 (5)	9390 (11)	10890 (6)	7490 (5)	8540 (10)	16.3 (11)	4.9 (6)	100 (17)	1 (1)	37 (15)	
04Y501	REX	9040 (6)	10130 (8)	10720 (8)	7280 (9)	8040 (11)	15.8 (14)	4.9 (3)	94 (12)	1 (1)	36 (11)	
M104	M	9040 (7)	8930 (12)	10680 (9)	7510 (3)	9050 (6)	17.6 (7)	4.9 (8)	88 (1)	25 (12)	35 (7)	
05Y196	SPQ	8820 (8)	7900 (15)	11060 (5)	7390 (7)	8930 (7)	17.7 (6)	4.9 (9)	93 (10)	29 (17)	36 (13)	
CM101	SWX	8760 (9)	6740 (17)	11140 (3)	7500 (4)	9650 (3)	16.2 (13)	4.8 (13)	90 (4)	26 (14)	36 (10)	
04Y227	M	8700 (10)	8430 (14)	10620 (10)	7100 (12)	8640 (9)	17.0 (8)	4.9 (3)	89 (3)	28 (16)	38 (17)	
M202	M	8590 (11)	10250 (7)	10740 (7)	7220 (10)	6130 (15)	19.8 (1)	4.9 (12)	97 (15)	20 (10)	36 (12)	
04Y332	MPQ	8570 (12)	10420 (5)	10220 (15)	7400 (6)	6240 (14)	19.5 (2)	4.9 (7)	94 (12)	18 (8)	36 (14)	
04Y177	SPQ	8510 (13)	7720 (16)	10510 (13)	6960 (14)	8850 (8)	16.2 (12)	4.8 (17)	90 (5)	27 (15)	35 (2)	
L205	REX	8500 (14)	9550 (10)	10000 (16)	7010 (13)	7430 (12)	15.5 (15)	5.0 (2)	95 (14)	8 (5)	35 (5)	
04Y508	L	8430 (15)	9870 (9)	10540 (12)	6690 (16)	6610 (13)	16.8 (10)	4.8 (13)	97 (16)	1 (1)	35 (6)	
07Y015	LSR	7970 (16)	10880 (3)	9450 (17)	6610 (17)	4940 (17)	16.8 (9)	5.0 (1)	94 (11)	1 (4)	35 (3)	
05Y299	MPQ	7960 (17)	8430 (13)	10550 (11)	6870 (15)	5970 (16)	19.5 (3)	4.8 (15)	92 (9)	26 (13)	37 (16)	
MEAN		8790	9530	10660	7220	8120	16.9	4.9	94	10	35	
CV		5.2	7.4	3.3	6.3	5.4	6.1	1.6	1.3	67	3.1	
LSD (.05)		340	1490	510	650	620	0.8	0.1	1	5	1	

Preliminary Lines and Varieties

06Y239	M	9680 (1)	10090 (7)	11010 (6)	7510 (8)	10110 (2)	16.7 (19)	5.0 (12)	89 (3)	14 (14)	38 (27)
06Y889	M	9660 (2)	9720 (14)	11010 (7)	7920 (2)	10000 (3)	16.8 (16)	4.9 (18)	90 (8)	13 (12)	36 (16)
06Y436	M	9630 (3)	10370 (1)	11140 (5)	8060 (1)	8970 (12)	17.4 (9)	4.9 (25)	92 (22)	20 (19)	37 (21)
06Y223	SWX	9520 (4)	8840 (27)	11170 (3)	7310 (13)	10760 (1)	17.6 (8)	4.9 (33)	91 (16)	21 (23)	39 (32)
06Y288	M	9380 (5)	9550 (15)	10910 (10)	7720 (6)	9350 (6)	17.2 (11)	4.9 (25)	91 (13)	21 (21)	38 (29)
06Y385	M	9380 (6)	10130 (6)	11160 (4)	7110 (17)	9120 (8)	17.0 (14)	5.0 (7)	92 (23)	23 (27)	37 (22)
06Y220	SWX	9360 (7)	10150 (5)	10640 (14)	6930 (23)	9720 (4)	16.1 (24)	4.9 (18)	90 (6)	23 (28)	36 (13)
05Y471	M	9360 (8)	9830 (10)	10440 (22)	7820 (4)	9340 (7)	17.0 (15)	5.0 (2)	88 (1)	20 (20)	38 (30)
06Y236	M	9340 (9)	9530 (18)	11340 (1)	7760 (5)	8750 (15)	16.6 (22)	4.9 (29)	91 (11)	22 (25)	37 (24)
06Y832	M	9260 (10)	9170 (23)	11000 (8)	7890 (3)	8960 (13)	19.5 (2)	4.9 (27)	93 (25)	22 (24)	38 (28)
06Y485	LWX	9230 (11)	10050 (8)	10520 (19)	7300 (14)	9070 (10)	16.0 (25)	5.0 (5)	102 (33)	1 (4)	36 (17)
06Y367	SWX	9150 (12)	9520 (19)	10560 (17)	7080 (19)	9420 (5)	17.7 (7)	4.9 (22)	92 (23)	18 (17)	38 (31)
06Y510	REX	9060 (13)	10240 (4)	10690 (13)	7430 (9)	7860 (24)	15.9 (26)	5.0 (5)	95 (28)	1 (1)	36 (14)
06Y230	M	9050 (14)	9120 (24)	10460 (21)	7520 (7)	9100 (9)	16.7 (18)	5.0 (7)	90 (7)	17 (16)	37 (25)
06Y513	L	8960 (15)	9810 (11)	10100 (27)	7100 (18)	8810 (14)	15.0 (32)	5.0 (1)	95 (30)	1 (4)	36 (8)
99Y529	L	8960 (16)	9760 (12)	10760 (11)	7070 (20)	8250 (19)	15.8 (27)	5.0 (12)	96 (31)	2 (8)	35 (5)
05Y552	JAS	8940 (17)	9870 (9)	10640 (15)	7200 (16)	8070 (23)	14.3 (33)	4.9 (33)	90 (9)	3 (10)	35 (3)
06Y843	M	8930 (18)	9350 (21)	10920 (9)	7320 (11)	8140 (20)	17.1 (13)	5.0 (12)	90 (9)	25 (30)	36 (15)
06Y265	M	8850 (19)	10370 (1)	10410 (23)	6510 (29)	8100 (21)	16.8 (17)	5.0 (7)	91 (11)	18 (18)	36 (12)
06Y274	M	8840 (20)	9180 (22)	10270 (25)	7320 (12)	8600 (16)	17.1 (12)	5.0 (12)	92 (17)	22 (26)	36 (19)
06Y240	M	8810 (21)	8680 (28)	11190 (2)	7010 (22)	8370 (17)	17.2 (10)	4.9 (22)	92 (20)	24 (29)	37 (23)
06Y928	M	8780 (22)	9530 (17)	10510 (20)	7260 (15)	7830 (25)	15.5 (29)	5.0 (12)	89 (5)	16 (15)	37 (20)
06Y199	SPQ	8630 (23)	8390 (29)	10620 (16)	6500 (30)	9030 (11)	16.2 (23)	4.9 (31)	89 (4)	29 (31)	36 (9)
06Y518	L	8420 (24)	9740 (13)	9690 (30)	6580 (27)	7680 (26)	16.6 (21)	4.9 (29)	97 (32)	1 (4)	36 (11)
03Y167	SPQ	8370 (25)	9430 (20)	10080 (28)	6520 (28)	7430 (27)	18.4 (5)	4.9 (31)	92 (17)	1 (1)	35 (5)
06Y506	L	8350 (26)	10340 (3)	9680 (31)	7030 (21)	6320 (31)	16.6 (20)	5.0 (7)	94 (26)	1 (4)	35 (5)
06Y207	SPQ	8270 (27)	8270 (31)	10370 (24)	6140 (32)	8310 (18)	14.3 (34)	4.9 (18)	88 (1)	46 (34)	35 (1)
05Y547	REX	8150 (28)	9550 (16)	9960 (29)	6660 (25)	6450 (30)	15.4 (30)	4.9 (27)	94 (27)	2 (8)	38 (26)
04Y330	MPQ	8050 (29)	9050 (25)	10690 (12)	6590 (26)	5870 (33)	19.5 (2)	5.0 (12)	92 (17)	21 (21)	35 (4)
05Y490	L	8020 (30)	8840 (26)	8600 (33)	7430 (10)	7200 (29)	15.1 (31)	5.0 (2)	95 (28)	4 (11)	36 (9)
06Y208	SPQ	7940 (31)	7040 (33)	10560 (18)	6070 (33)	8080 (22)	15.8 (28)	4.9 (22)	92 (21)	29 (32)	36 (18)
06Y175	MPQ	7830 (32)	8370 (30)	10260 (26)	6480 (31)	6210 (32)	19.1 (4)	5.0 (2)	91 (13)	38 (33)	40 (34)
06Y184	MPQ	7780 (33)	7900 (32)	8920 (32)	6920 (24)	7380 (28)	17.9 (6)	5.0 (7)	91 (13)	13 (12)	39 (33)
03Y151	REX	4590 (34)	5090 (34)	5950 (34)	5350 (34)	1960 (34)	20.8 (1)	4.9 (18)	106 (34)	1 (1)	35 (2)
MEAN		8720	9260	10360	7070	8190	16.8	4.9	92	16	37
CV		6.9	9.4	5.3	6	5.5	6.7	1.4	1.8	54.4	3.4
LSD (.05)		600	1780	1130	870	920	1.1	0.1	2	8	1

S = short; M = medium; L = long; PQ = premium quality; WX = waxy; JAS = Jasmine; REX = Newrex; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 4. 2007 Very Early Rice Variety Test - Biggs (RES)

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
05Y724	M	11190 (1)	18.5 (7)	4.6 (10)	84 (9)	45 (7)	36 (2)
M206	M	11030 (2)	18.0 (11)	4.6 (10)	83 (7)	73 (9)	36 (4)
07Y015	LSR	10880 (3)	18.1 (9)	5.0 (1)	85 (10)	0 (1)	37 (5)
S102	S	10730 (4)	14.7 (17)	4.3 (17)	79 (1)	89 (11)	38 (9)
04Y332	MPQ	10420 (5)	18.9 (2)	4.8 (7)	87 (11)	70 (8)	37 (7)
L206	L	10360 (6)	17.9 (13)	4.8 (6)	80 (2)	40 (6)	34 (1)
M202	M	10250 (7)	17.1 (15)	4.6 (13)	89 (14)	77 (10)	38 (12)
04Y501	REX	10130 (8)	17.6 (14)	4.9 (4)	87 (13)	0 (1)	39 (16)
04Y508	L	9870 (9)	18.8 (3)	4.5 (14)	91 (16)	0 (1)	38 (11)
L205	REX	9550 (10)	18.0 (11)	4.9 (3)	89 (15)	28 (5)	37 (8)
01Y655	REX	9390 (11)	21.2 (1)	5.0 (1)	97 (17)	0 (1)	39 (13)
M104	M	8930 (12)	18.7 (5)	4.7 (8)	80 (2)	97 (13)	37 (5)
05Y299	MPQ	8430 (13)	18.2 (8)	4.4 (16)	84 (8)	90 (12)	39 (13)
04Y227	M	8430 (14)	16.7 (16)	4.9 (4)	81 (4)	97 (13)	40 (17)
05Y196	SPQ	7900 (15)	18.1 (9)	4.7 (8)	87 (11)	99 (15)	39 (13)
04Y177	SPQ	7720 (16)	18.7 (5)	4.4 (15)	83 (6)	100 (16)	36 (3)
CM101	SWX	6740 (17)	18.8 (4)	4.6 (10)	81 (4)	100 (16)	38 (10)
MEAN		9530	18.1	4.7	85	59	37
CV		7.4	6.3	3.3	1.6	28.2	3
LSD (.05)		1490	2.4	0.3	3	35	2

Preliminary Lines and Varieties

06Y265	M	10370 (1)	15.9 (31)	4.9 (7)	77 (1)	70 (18)	37 (22)
06Y436	M	10370 (1)	17.5 (14)	4.8 (20)	82 (17)	75 (19)	37 (15)
06Y506	L	10340 (3)	18.0 (10)	4.9 (7)	83 (20)	3 (4)	36 (10)
06Y510	REX	10240 (4)	17.1 (15)	4.9 (7)	86 (26)	0 (1)	38 (25)
06Y220	SWX	10150 (5)	15.8 (32)	4.8 (20)	80 (5)	90 (29)	37 (12)
06Y385	M	10130 (6)	16.2 (29)	4.9 (11)	81 (10)	88 (28)	38 (30)
06Y239	M	10090 (7)	16.3 (28)	4.9 (11)	80 (5)	50 (12)	38 (26)
06Y485	LWX	10050 (8)	17.8 (12)	5.0 (2)	94 (33)	3 (4)	37 (15)
05Y552	LJ	9870 (9)	16.9 (17)	4.6 (31)	80 (5)	10 (10)	37 (12)
05Y471	M	9830 (10)	16.3 (27)	5.0 (2)	78 (3)	78 (20)	39 (32)
06Y513	L	9810 (11)	16.4 (24)	5.0 (1)	87 (29)	3 (4)	36 (8)
99Y529	L	9760 (12)	16.4 (24)	4.8 (15)	84 (23)	5 (8)	36 (6)
06Y518	L	9740 (13)	19.0 (3)	4.6 (31)	91 (32)	3 (4)	37 (12)
06Y889	M	9720 (14)	17.7 (13)	4.8 (20)	83 (21)	50 (12)	36 (8)
06Y288	M	9550 (15)	18.0 (9)	4.7 (27)	80 (4)	80 (21)	37 (15)
05Y547	REX	9550 (16)	16.9 (17)	5.0 (2)	82 (17)	5 (8)	37 (15)
06Y928	M	9530 (17)	15.3 (33)	4.8 (15)	80 (5)	63 (16)	38 (26)
06Y236	M	9530 (18)	16.8 (19)	4.6 (34)	82 (17)	83 (25)	37 (22)
06Y367	SWX	9520 (19)	19.0 (3)	4.7 (27)	87 (28)	60 (15)	38 (28)
03Y167	SPQ	9430 (20)	18.5 (6)	4.8 (20)	88 (30)	0 (1)	35 (1)
06Y843	M	9350 (21)	16.1 (30)	4.8 (15)	81 (10)	80 (21)	36 (4)
06Y274	M	9180 (22)	17.1 (15)	4.8 (15)	83 (21)	85 (27)	37 (15)
06Y832	M	9170 (23)	19.9 (2)	4.6 (31)	84 (23)	84 (26)	39 (31)
06Y230	M	9120 (24)	16.4 (24)	4.9 (11)	81 (14)	65 (17)	37 (24)
04Y330	MPQ	9050 (25)	18.4 (7)	4.8 (15)	81 (10)	80 (21)	35 (1)
05Y490	L	8840 (26)	16.5 (23)	5.0 (2)	88 (30)	13 (11)	36 (6)
06Y223	SWX	8840 (27)	16.6 (22)	4.7 (30)	84 (25)	80 (21)	37 (15)
06Y240	M	8680 (28)	17.9 (11)	4.7 (27)	81 (10)	93 (30)	38 (28)
06Y199	SPQ	8390 (29)	18.7 (5)	4.8 (20)	80 (5)	100 (34)	35 (1)
06Y175	MPQ	8370 (30)	18.3 (8)	5.0 (2)	81 (14)	95 (32)	40 (33)
06Y207	SPQ	8270 (31)	15.3 (33)	4.8 (20)	77 (2)	97 (33)	37 (11)
06Y184	MPQ	7900 (32)	16.8 (20)	4.9 (11)	81 (14)	50 (12)	40 (34)
06Y208	SPQ	7040 (33)	16.8 (20)	4.8 (20)	86 (26)	93 (30)	37 (15)
03Y151	REX	5090 (34)	21.1 (1)	4.9 (7)	96 (34)	0 (1)	36 (4)
MEAN		9260	17.3	4.8	83	54	37
CV		9.4	9.1	1.9	2.4	25.8	3.9
LSD (.05)		1780	0.2	0.2	4	28	

S = short; M = medium; L = long; PQ = premium quality; WX = waxy; REX = Newrex; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 5. 2007 Very Early Rice Variety Test - Sutter

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
05Y724	M	11290 (1)	17.3 (2)	5.0 (1)	89 (12)	1 (1)	37 (13)
M206	M	11250 (2)	17.0 (4)	5.0 (6)	90 (14)	1 (1)	37 (14)
CM101	SWX	11140 (3)	13.4 (11)	4.8 (16)	84 (2)	2 (14)	36 (11)
S102	S	11100 (4)	13.0 (15)	4.9 (15)	83 (1)	1 (1)	36 (10)
05Y196	SPQ	11060 (5)	15.9 (8)	4.9 (13)	92 (15)	2 (14)	36 (6)
01Y655	LREX	10890 (6)	13.0 (14)	5.0 (6)	94 (16)	1 (1)	36 (7)
M202	M	10740 (7)	18.9 (1)	5.0 (1)	95 (17)	1 (1)	36 (9)
04Y501	LREX	10720 (8)	13.3 (12)	5.0 (6)	86 (5)	1 (1)	36 (7)
M104	M	10680 (9)	16.6 (6)	5.0 (12)	84 (2)	1 (1)	36 (11)
04Y227	M	10620 (10)	16.1 (7)	4.9 (13)	85 (4)	1 (1)	40 (17)
05Y299	MPQ	10550 (11)	16.7 (5)	5.0 (6)	86 (6)	2 (14)	38 (16)
04Y508	L	10540 (12)	12.9 (16)	5.0 (6)	88 (9)	1 (1)	33 (2)
04Y177	SPQ	10510 (13)	14.6 (9)	4.8 (17)	86 (6)	2 (14)	35 (5)
L206	L	10440 (14)	13.1 (13)	5.0 (6)	89 (11)	1 (1)	31 (1)
04Y332	MPQ	10220 (15)	17.3 (3)	5.0 (1)	88 (8)	1 (1)	37 (15)
L205	LREX	10000 (16)	12.6 (17)	5.0 (1)	88 (10)	1 (1)	34 (4)
07Y015	LSR	9450 (17)	14.2 (10)	5.0 (1)	89 (12)	1 (1)	34 (3)
MEAN		10660	15.1	4.9	88	1	36
CV		3.3	3.8	1.7	1.2	76	3
LSD (.05)		510	0.8	0.1	1		1

Preliminary Lines and Varieties

06Y236	M	11340 (1)	15.6 (20)	5.0 (1)	88 (21)	3 (28)	35 (16)
06Y240	M	11190 (2)	16.1 (15)	5.0 (1)	89 (24)	1 (1)	35 (15)
06Y223	SWX	11170 (3)	16.1 (14)	4.8 (33)	86 (12)	3 (28)	37 (29)
06Y385	M	11160 (4)	16.6 (9)	5.0 (1)	88 (21)	1 (1)	36 (22)
06Y436	M	11140 (5)	16.6 (10)	5.0 (1)	92 (32)	1 (1)	36 (23)
06Y239	M	11010 (6)	15.6 (19)	5.0 (26)	86 (10)	1 (1)	36 (25)
06Y889	M	11010 (7)	15.9 (17)	5.0 (1)	88 (19)	1 (1)	35 (16)
06Y832	M	11000 (8)	18.7 (1)	5.0 (1)	89 (28)	1 (1)	37 (28)
06Y843	M	10920 (9)	16.9 (6)	5.0 (1)	89 (24)	1 (1)	35 (18)
06Y288	M	10910 (10)	16.1 (16)	5.0 (26)	88 (19)	1 (1)	37 (29)
99Y529	L	10760 (11)	13.3 (28)	5.0 (1)	89 (24)	1 (1)	33 (3)
04Y330	MPQ	10690 (12)	16.9 (5)	5.0 (1)	85 (6)	1 (1)	33 (5)
06Y510	REX	10690 (13)	14.0 (25)	5.0 (1)	88 (21)	1 (1)	33 (5)
06Y220	SWX	10640 (14)	15.3 (21)	5.0 (1)	84 (1)	1 (1)	34 (13)
05Y552	LJ	10640 (15)	12.5 (33)	5.0 (1)	85 (6)	1 (1)	33 (5)
06Y199	SPQ	10620 (16)	13.8 (26)	4.8 (33)	85 (2)	6 (30)	34 (9)
06Y367	SWX	10560 (17)	15.7 (18)	5.0 (1)	85 (6)	8 (31)	38 (33)
06Y208	SPQ	10560 (18)	14.4 (23)	5.0 (1)	85 (6)	23 (33)	35 (18)
06Y485	LWX	10520 (19)	12.6 (32)	5.0 (26)	95 (33)	1 (1)	34 (12)
06Y928	M	10510 (20)	14.9 (22)	5.0 (1)	86 (12)	1 (1)	36 (25)
06Y230	M	10460 (21)	16.1 (13)	5.0 (1)	87 (14)	1 (1)	35 (18)
05Y471	M	10440 (22)	16.2 (12)	5.0 (1)	85 (2)	1 (1)	37 (32)
06Y265	M	10410 (23)	16.6 (8)	5.0 (26)	87 (14)	1 (1)	36 (23)
06Y207	SPQ	10370 (24)	12.2 (34)	5.0 (1)	85 (2)	60 (34)	32 (1)
06Y274	M	10270 (25)	16.4 (11)	5.0 (1)	87 (17)	1 (1)	35 (21)
06Y175	MPQ	10260 (26)	17.1 (4)	5.0 (1)	86 (10)	21 (32)	39 (34)
06Y513	L	10100 (27)	12.8 (30)	5.0 (1)	89 (28)	1 (1)	32 (1)
03Y167	SPQ	10080 (28)	17.8 (2)	5.0 (1)	89 (24)	1 (1)	34 (9)
05Y547	REX	9960 (29)	12.7 (31)	4.9 (32)	85 (2)	1 (1)	37 (29)
06Y518	L	9690 (30)	14.3 (24)	5.0 (26)	90 (31)	1 (1)	33 (3)
06Y506	L	9680 (31)	13.7 (27)	5.0 (26)	87 (17)	1 (1)	34 (11)
06Y184	MPQ	8920 (32)	16.7 (7)	5.0 (1)	89 (28)	1 (1)	37 (27)
05Y490	L	8600 (33)	13.1 (29)	5.0 (1)	87 (14)	1 (1)	34 (14)
03Y151	REX	5950 (34)	17.6 (3)	5.0 (1)	107 (34)	1 (1)	33 (5)
MEAN		10360	15.3	5.0	88	4	35
CV		5.3	3	2	1	138.4	2.5
LSD (.05)		1130	0.9		2	12	2

S = short; M = medium; L = long; PQ = premium quality; WX = waxy; REX = Newrex; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 6. 2007 Very Early Rice Variety Test - Yolo

<i>Advanced Lines and Varieties</i>							
Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
05Y724	M	7720 (1)	17.4 (10)	5.0 (1)	83 (3)	5 (14)	33 (3)
L206	L	7520 (2)	14.5 (17)	5.0 (1)	89 (12)	1 (1)	35 (12)
M104	M	7510 (3)	17.1 (11)	5.0 (1)	81 (1)	1 (1)	32 (1)
CM101	SWX	7500 (4)	16.2 (14)	5.0 (12)	87 (10)	1 (1)	34 (10)
01Y655	REX	7490 (5)	17.5 (9)	4.8 (17)	95 (16)	1 (1)	37 (16)
04Y332	MPQ	7400 (6)	17.8 (5)	5.0 (12)	87 (10)	1 (1)	34 (10)
05Y196	SPQ	7390 (7)	17.1 (12)	5.0 (1)	86 (8)	5 (14)	34 (8)
M206	M	7350 (8)	18.0 (4)	5.0 (1)	86 (8)	1 (1)	34 (8)
04Y501	REX	7280 (9)	17.6 (8)	5.0 (12)	91 (13)	1 (1)	36 (13)
M202	M	7220 (10)	17.7 (7)	5.0 (1)	86 (6)	1 (1)	34 (6)
S102	S	7140 (11)	15.3 (16)	5.0 (10)	84 (4)	1 (1)	33 (4)
04Y227	M	7100 (12)	18.3 (3)	5.0 (1)	82 (2)	15 (17)	32 (2)
L205	REX	7010 (13)	17.8 (6)	5.0 (10)	92 (14)	1 (1)	36 (14)
04Y177	SPQ	6960 (14)	15.7 (15)	4.9 (15)	85 (5)	3 (12)	34 (5)
05Y299	MPQ	6870 (15)	18.4 (2)	5.0 (1)	86 (6)	11 (16)	34 (6)
04Y508	L	6690 (16)	18.5 (1)	4.9 (15)	95 (17)	1 (1)	37 (17)
07Y015	LSR	6610 (17)	17.0 (13)	5.0 (1)	92 (14)	3 (12)	36 (14)
MEAN		7220	17.2	5.0	87	3	34
CV		6.3	8.1	1.6	1.4	199.4	1.3
LSD (.05)		650	2	0.1	2		1
<i>Preliminary Lines and Varieties</i>							
06Y436	M	8060 (1)	17.1 (7)	4.9 (30)	86 (16)	1 (1)	39 (7)
06Y889	M	7920 (2)	16.5 (17)	5.0 (1)	84 (7)	1 (1)	40 (16)
06Y832	M	7890 (3)	17.3 (5)	5.0 (1)	87 (20)	1 (1)	40 (25)
05Y471	M	7820 (4)	17.6 (4)	5.0 (1)	85 (13)	1 (1)	43 (33)
06Y236	M	7760 (5)	16.1 (21)	5.0 (1)	82 (1)	1 (1)	41 (28)
06Y288	M	7720 (6)	16.2 (19)	5.0 (1)	88 (22)	1 (1)	42 (30)
06Y230	M	7520 (7)	16.1 (20)	5.0 (1)	84 (7)	1 (1)	39 (12)
06Y239	M	7510 (8)	16.4 (18)	5.0 (1)	82 (1)	3 (30)	40 (24)
06Y510	REX	7430 (9)	14.8 (33)	5.0 (1)	89 (26)	1 (1)	41 (26)
05Y490	L	7430 (10)	15.9 (23)	5.0 (1)	92 (27)	1 (1)	39 (10)
06Y843	M	7320 (11)	17.1 (6)	5.0 (1)	83 (4)	18 (33)	40 (16)
06Y274	M	7320 (12)	16.6 (15)	5.0 (1)	85 (13)	1 (1)	40 (19)
06Y223	SWX	7310 (13)	17.0 (9)	5.0 (1)	86 (16)	1 (1)	42 (31)
06Y485	LWX	7300 (14)	14.9 (32)	5.0 (1)	98 (34)	1 (1)	40 (21)
06Y928	M	7260 (15)	15.7 (26)	5.0 (1)	83 (3)	1 (1)	39 (12)
05Y552	LJ	7200 (16)	13.4 (34)	4.8 (32)	88 (22)	1 (1)	38 (2)
06Y385	M	7110 (17)	16.7 (12)	5.0 (1)	86 (19)	1 (1)	39 (7)
06Y513	L	7100 (18)	15.9 (25)	5.0 (1)	92 (28)	1 (1)	39 (12)
06Y367	SWX	7080 (19)	16.7 (13)	5.0 (1)	88 (22)	1 (1)	41 (26)
99Y529	L	7070 (20)	16.6 (14)	5.0 (1)	94 (30)	1 (1)	40 (16)
06Y506	L	7030 (21)	15.5 (29)	5.0 (1)	92 (28)	1 (1)	39 (7)
06Y240	M	7010 (22)	15.9 (24)	5.0 (1)	87 (20)	1 (1)	38 (3)
06Y220	SWX	6930 (23)	15.2 (30)	5.0 (1)	88 (22)	1 (1)	40 (19)
06Y184	MPQ	6920 (24)	17.7 (3)	5.0 (1)	84 (11)	1 (1)	41 (29)
05Y547	REX	6660 (25)	16.8 (10)	4.8 (32)	97 (33)	1 (1)	43 (34)
04Y330	MPQ	6590 (26)	16.7 (11)	5.0 (1)	84 (7)	1 (1)	37 (1)
06Y518	L	6580 (27)	15.9 (22)	5.0 (1)	95 (31)	1 (1)	39 (11)
03Y167	SPQ	6520 (28)	16.6 (16)	4.8 (34)	83 (4)	1 (1)	39 (6)
06Y265	M	6510 (29)	17.0 (8)	5.0 (1)	84 (7)	1 (1)	39 (5)
06Y199	SPQ	6500 (30)	15.6 (27)	5.0 (1)	84 (11)	3 (30)	40 (23)
06Y175	MPQ	6480 (31)	19.1 (2)	5.0 (1)	83 (4)	35 (34)	42 (32)
06Y207	SPQ	6140 (32)	15.1 (31)	5.0 (1)	85 (15)	16 (32)	38 (3)
06Y208	SPQ	6070 (33)	15.5 (28)	5.0 (29)	86 (16)	1 (1)	39 (12)
03Y151	REX	5350 (34)	19.5 (1)	4.9 (31)	95 (31)	1 (1)	40 (21)
MEAN		7070	16.4	5.0	87	3	40
CV		6	8	0.8	2.2	244.8	2.8
LSD (.05)		870		0.1	4		2

S = short; M = medium; L = long; PQ = premium quality; WX = waxy; REX = Newrex; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 7. 2007 Very Early Rice Variety Test - San Joaquin

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
S102	S	10340 (1)	14.4 (14)	5.0 (1)	106 (2)	1 (1)	36 (11)
L206	L	9850 (2)	14.2 (15)	5.0 (1)	107 (3)	1 (1)	30 (1)
CM101	SWX	9650 (3)	16.4 (11)	5.0 (1)	107 (7)	1 (1)	36 (9)
05Y724	M	9480 (4)	18.5 (5)	5.0 (1)	108 (8)	1 (1)	34 (7)
M206	M	9380 (5)	17.9 (8)	5.0 (1)	107 (3)	1 (1)	35 (8)
M104	M	9050 (6)	18.0 (7)	5.0 (1)	107 (3)	1 (1)	37 (14)
05Y196	SPQ	8930 (7)	19.8 (4)	5.0 (1)	108 (8)	11 (17)	37 (13)
04Y177	SPQ	8850 (8)	15.9 (12)	5.0 (1)	106 (1)	2 (16)	34 (6)
04Y227	M	8640 (9)	16.8 (10)	5.0 (1)	107 (3)	1 (1)	38 (17)
01Y655	REX	8540 (10)	13.5 (17)	5.0 (1)	115 (14)	1 (1)	36 (9)
04Y501	REX	8040 (11)	14.9 (13)	5.0 (1)	113 (13)	1 (1)	34 (5)
L205	REX	7430 (12)	13.7 (16)	5.0 (1)	112 (12)	1 (1)	33 (3)
04Y508	L	6610 (13)	17.0 (9)	5.0 (1)	115 (15)	1 (1)	33 (4)
04Y332	MPQ	6240 (14)	23.9 (3)	5.0 (1)	116 (16)	1 (1)	37 (15)
M202	M	6130 (15)	25.6 (1)	5.0 (1)	118 (17)	1 (1)	36 (12)
05Y299	MPQ	5970 (16)	24.5 (2)	5.0 (1)	112 (11)	1 (1)	38 (16)
07Y015	LSR	4940 (17)	18.0 (6)	5.0 (1)	108 (10)	1 (1)	32 (2)
MEAN		8120	17.8	5.0	110	2	35
CV		5.4	5.1		1.4	295.8	4.4
LSD (.05)		620	1.3		2		2

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06Y223	SWX	10760 (1)	20.5 (6)	5.0 (1)	108 (8)	1 (1)	38 (33)
06Y239	M	10110 (2)	18.4 (14)	5.0 (1)	107 (4)	1 (1)	37 (29)
06Y889	M	10000 (3)	17.2 (25)	5.0 (1)	107 (4)	1 (1)	35 (20)
06Y220	SWX	9720 (4)	17.9 (19)	5.0 (1)	107 (3)	1 (1)	34 (11)
06Y367	SWX	9420 (5)	19.5 (8)	5.0 (1)	111 (16)	1 (1)	38 (32)
06Y288	M	9350 (6)	18.3 (16)	5.0 (1)	109 (10)	1 (1)	38 (31)
05Y471	M	9340 (7)	17.9 (20)	5.0 (1)	105 (1)	1 (1)	34 (18)
06Y385	M	9120 (8)	18.6 (12)	5.0 (1)	115 (28)	1 (1)	35 (20)
06Y230	M	9100 (9)	18.1 (18)	5.0 (1)	108 (8)	1 (1)	36 (27)
06Y485	LWX	9070 (10)	18.7 (11)	5.0 (1)	120 (33)	1 (1)	34 (19)
06Y199	SPQ	9030 (11)	16.6 (27)	5.0 (1)	107 (4)	8 (33)	33 (7)
06Y436	M	8970 (12)	18.6 (13)	5.0 (1)	110 (14)	1 (1)	35 (25)
06Y832	M	8960 (13)	22.1 (3)	5.0 (1)	112 (21)	1 (1)	36 (26)
06Y513	L	8810 (14)	15.1 (31)	5.0 (1)	113 (23)	1 (1)	34 (16)
06Y236	M	8750 (15)	17.8 (21)	5.0 (1)	111 (16)	1 (1)	35 (24)
06Y274	M	8600 (16)	18.3 (17)	5.0 (1)	112 (18)	1 (1)	34 (12)
06Y240	M	8370 (17)	19.1 (10)	5.0 (1)	112 (18)	1 (1)	37 (28)
06Y207	SPQ	8310 (18)	14.5 (34)	5.0 (1)	106 (2)	11 (34)	31 (2)
99Y529	L	8250 (19)	16.9 (26)	5.0 (1)	119 (32)	1 (1)	34 (9)
06Y843	M	8140 (20)	18.4 (15)	5.0 (1)	110 (14)	1 (1)	35 (23)
06Y265	M	8100 (21)	17.5 (22)	5.0 (1)	116 (30)	1 (1)	33 (5)
06Y208	SPQ	8080 (22)	16.6 (28)	5.0 (1)	112 (21)	1 (1)	34 (13)
05Y552	LJ	8070 (23)	14.6 (33)	5.0 (1)	109 (11)	1 (1)	33 (4)
06Y510	LREX	7860 (24)	17.5 (23)	5.0 (1)	116 (29)	1 (1)	34 (9)
06Y928	M	7830 (25)	16.3 (29)	5.0 (1)	109 (11)	1 (1)	34 (8)
06Y518	L	7680 (26)	17.3 (24)	5.0 (1)	114 (26)	1 (1)	34 (16)
03Y167	SPQ	7430 (27)	20.7 (5)	5.0 (1)	107 (4)	1 (1)	34 (13)
06Y184	MPQ	7380 (28)	20.3 (7)	5.0 (1)	109 (11)	1 (1)	39 (34)
05Y490	L	7200 (29)	14.9 (32)	5.0 (1)	113 (23)	1 (1)	33 (5)
05Y547	LREX	6450 (30)	15.3 (30)	5.0 (1)	112 (18)	1 (1)	34 (13)
06Y506	L	6320 (31)	19.4 (9)	5.0 (1)	113 (23)	1 (1)	32 (3)
06Y175	MPQ	6210 (32)	22.1 (4)	5.0 (1)	114 (26)	1 (1)	37 (30)
04Y330	MPQ	5870 (33)	26.0 (1)	5.0 (1)	117 (31)	1 (1)	35 (20)
03Y151	LREX	1960 (34)	25.2 (2)	5.0 (1)	125 (34)	1 (1)	30 (1)
MEAN		8190	18.4	5.0	111	1	35
CV		5.5	4.7		1.4	160.8	4.1
LSD (.05)		920	1.8		3		3

S = short; M = medium; L = long; PQ = premium quality; WX = waxy; REX = Newrex; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 8. Grain Yield (lb/acre @14% moisture) Summary of Very Early Rice Varieties by Location and Year (2003-2007)

Location	Year	M-103*	M-104	M-202	M-206	Calmochi			
						101	S-102	L-204*	L-205
Biggs (RES)	2003	6720	7470	7760	7950	8630	10150	9480	9370
	2004	9380	9380	9050	10210	8150	9620	10830	10350
	2005	7460	5860	7560	7970	7220	8350	8140	8920
	2006	-	7970	8960	9280	8490	9170	-	9350
	2007	-	8930	10250	11030	6740	10730	-	9550
Location Mean		7853	7922	8716	9288	7846	9604	9483	9508
San Joaquin	2003	8713	8860	8347	9299	9027	9487	8567	8253
	2004	8260	8880	8530	9110	9250	8330	8190	8050
	2005	7490	7810	7530	7550	8480	8430	7360	7450
	2006**	-	-	-	-	-	-	-	-
	2007	-	9050	6130	9380	9650	10340	-	7430
Location Mean		8154	8650	7634	8835	9102	9147	8039	7796
Sutter	2003	9749	8808	8630	8975	7688	8849	8755	9006
	2004	10110	10400	11090	10150	10750	11050	11350	10400
	2005	7040	7800	7220	7570	7090	8510	6980	7440
	2006	-	8480	8580	8780	8640	9780	-	7970
	2007	-	10680	10740	11250	11140	11100	-	10000
Location Mean		8966	9234	9252	9345	9062	9858	9028	8963
Yolo	2003	9530	9716	10230	10176	9279	9902	9399	9880
	2004	-	-	-	-	-	-	-	-
	2005	8810	8830	9750	9600	8800	9460	9030	9740
	2006	-	8020	8700	8360	7610	8730	-	8570
	2007	-	7510	7220	7350	7500	7140	-	7010
Location Mean		9170	8519	8975	8871	8297	8808	9214	8800
Loc/Years Mean		8478	8581	8682	9111	8563	9396	8916	8819
Yield % M-104		98.8	100.0	101.2	106.2	99.8	109.5	103.9	102.8
Number of Tests		11	18	18	18	18	18	11	18

* Note: entries M103 and L204 have been discontinued in the very early tests as of the 2006 season.

** Test location not planted in 2006.

Table 9. 2007 Early Rice Variety Tests - Four Location Summary

Advanced Lines and Varieties

Variety	Grain Type	Ave Grain Yield at 14% Moisture lbs/acre	Single Location Yields				Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
			Biggs	Butte	Yuba	Colusa					
M206	M	8850 (1)	9430 (3)	8060 (13)	7960 (1)	9960 (2)	17.3 (4)	4.9 (6)	83 (4)	23 (14)	38 (17)
99Y529	L	8710 (2)	8960 (6)	8920 (2)	6590 (13)	10380 (1)	14.3 (17)	4.9 (6)	83 (5)	2 (3)	36 (7)
M205	M	8590 (3)	8920 (7)	8310 (8)	7480 (2)	9630 (4)	17.7 (1)	5.0 (4)	92 (16)	10 (9)	35 (3)
03Y559	MPQ	8560 (4)	9070 (5)	8250 (11)	7140 (5)	9770 (3)	17.4 (2)	4.9 (6)	88 (8)	20 (13)	36 (10)
L206	L	8520 (5)	9540 (2)	8900 (3)	6520 (14)	9100 (12)	14.5 (15)	4.9 (14)	82 (3)	9 (8)	33 (1)
05Y698	M	8510 (6)	9550 (1)	8500 (5)	6450 (15)	9540 (5)	17.3 (3)	4.9 (6)	92 (15)	7 (6)	36 (6)
01Y655	REX	8450 (7)	9270 (4)	8390 (7)	6920 (9)	9220 (11)	14.9 (13)	4.9 (12)	93 (17)	1 (2)	37 (14)
06Y1072	M	8350 (8)	8770 (9)	8190 (12)	7010 (7)	9430 (9)	17.3 (5)	5.0 (1)	89 (12)	32 (16)	44 (18)
06Y333	MPQ	8310 (9)	8230 (14)	8280 (9)	7350 (3)	9380 (10)	16.9 (9)	4.9 (12)	89 (11)	18 (12)	37 (15)
06Y599	REX	8240 (10)	8880 (8)	8430 (6)	6620 (12)	9030 (14)	14.9 (14)	4.9 (6)	88 (7)	6 (5)	35 (4)
04Y308	MPQ	8240 (11)	8260 (13)	7860 (15)	7340 (4)	9490 (8)	17.2 (6)	5.0 (4)	89 (10)	4 (4)	36 (8)
M208	M	8230 (12)	8490 (11)	7990 (14)	6950 (8)	9500 (7)	16.6 (10)	5.0 (3)	88 (8)	11 (10)	37 (12)
S102	S	8130 (13)	8730 (10)	8580 (4)	6170 (17)	9040 (13)	14.3 (16)	4.9 (18)	78 (1)	39 (17)	36 (11)
L205	LREX	8130 (14)	8420 (12)	8940 (1)	6370 (16)	8770 (16)	14.2 (18)	4.9 (6)	85 (6)	8 (7)	36 (5)
05Y300	MPQ	8110 (15)	7800 (15)	8280 (10)	6840 (10)	9540 (6)	17.2 (7)	4.9 (16)	91 (14)	32 (15)	36 (9)
M202	M	7660 (17)	6940 (17)	7640 (16)	7040 (6)	9030 (15)	17.0 (8)	4.9 (14)	89 (13)	15 (11)	37 (16)
CM101	SWX	7390 (16)	6990 (16)	7350 (17)	6640 (11)	8590 (17)	15.4 (12)	4.9 (16)	80 (2)	49 (18)	37 (13)
03Y151	REX	6330 (18)	5380 (18)	7140 (18)	5150 (18)	7640 (18)	16.4 (11)	5.0 (1)	97 (18)	1 (1)	34 (2)
MEAN		8150	8420	8220	6810	9280	16	5.0	88	12	36
CV		7.3	7.7	4.3	12.2	4.9	5.7	1.3	1.2	100.4	3.4
LSD (.05)		440	1360	500	1180	650	0.7	0	1	9	1

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06Y445	M	9020 (1)	9370 (4)	7980 (16)	8430 (1)	10280 (4)	16.6 (9)	4.9 (28)	85 (11)	46 (35)	37 (32)
06Y916	M	8960 (2)	8870 (13)	8780 (1)	8000 (3)	10190 (5)	15.8 (19)	4.9 (20)	83 (4)	35 (33)	35 (9)
06Y400	M	8760 (3)	8770 (16)	8320 (4)	7930 (5)	10040 (7)	16.3 (11)	4.9 (28)	85 (12)	17 (17)	36 (25)
06Y575	REX	8750 (4)	8880 (11)	8110 (10)	7420 (11)	10590 (1)	15.0 (28)	5.0 (3)	86 (15)	1 (1)	38 (36)
06Y675	M	8710 (5)	8880 (12)	8760 (2)	7260 (15)	9940 (9)	16.9 (5)	4.9 (33)	91 (35)	7 (14)	36 (23)
06Y395	M	8690 (6)	9030 (8)	8100 (12)	7510 (10)	10130 (6)	16.0 (18)	4.9 (31)	82 (2)	29 (32)	38 (33)
06Y950	M	8680 (7)	8910 (10)	8220 (6)	7890 (6)	9710 (11)	16.0 (15)	5.0 (12)	83 (8)	25 (28)	35 (14)
03Y496	REX	8650 (8)	9530 (3)	7360 (30)	7260 (16)	10470 (2)	15.8 (20)	4.8 (35)	88 (28)	1 (1)	37 (27)
06Y467	M	8590 (9)	8030 (21)	8260 (5)	7790 (7)	10300 (3)	16.7 (7)	4.9 (24)	87 (19)	21 (23)	37 (30)
01Y501	LSR	8580 (10)	9300 (5)	7680 (22)	7950 (4)	9370 (18)	15.1 (27)	4.9 (20)	83 (6)	1 (1)	35 (13)
06Y965	M	8560 (11)	9130 (7)	8110 (11)	7620 (8)	9390 (17)	15.4 (25)	5.0 (4)	83 (5)	3 (11)	36 (19)
06Y685	M	8540 (12)	8940 (9)	8200 (7)	7400 (12)	9620 (12)	16.8 (6)	5.0 (7)	89 (30)	12 (16)	36 (18)
06Y667	M	8490 (13)	8080 (19)	7770 (19)	8070 (2)	10020 (8)	16.2 (13)	5.0 (12)	87 (22)	6 (13)	36 (21)
06Y475	M	8460 (14)	8870 (14)	7940 (18)	7240 (17)	9780 (10)	16.2 (14)	5.0 (12)	81 (1)	20 (22)	37 (28)
05Y165	SPQ	8450 (15)	10200 (1)	8140 (9)	5880 (33)	9570 (14)	16.7 (8)	4.9 (24)	87 (22)	19 (20)	35 (12)
06Y589	L	8190 (16)	9140 (6)	8030 (13)	6620 (22)	8980 (25)	14.9 (30)	5.0 (12)	87 (25)	1 (1)	33 (2)
06Y701	LSR	8180 (17)	9660 (2)	7450 (28)	6700 (21)	8910 (27)	16.0 (16)	4.9 (34)	88 (29)	1 (1)	34 (5)
05Y566	L	8130 (18)	8710 (17)	7660 (23)	6590 (23)	9570 (13)	14.9 (29)	4.9 (32)	86 (17)	1 (1)	35 (10)
06Y332	MPQ	8110 (19)	8000 (22)	8010 (14)	7380 (13)	9040 (23)	16.0 (17)	4.9 (20)	88 (27)	24 (27)	37 (30)
05Y625	L	7990 (20)	8420 (18)	8010 (15)	6540 (24)	8990 (24)	15.3 (26)	5.0 (4)	87 (18)	1 (1)	35 (11)
06Y857	M	7960 (21)	8810 (15)	7490 (27)	6210 (27)	9340 (19)	16.9 (4)	5.0 (12)	86 (16)	5 (12)	37 (26)
06Y356	SPQ	7880 (22)	7490 (25)	7690 (21)	6780 (20)	9550 (16)	14.6 (31)	5.0 (7)	82 (3)	24 (25)	34 (6)
06Y881	M	7850 (23)	7320 (27)	7610 (26)	6920 (19)	9560 (15)	15.5 (24)	4.9 (24)	85 (13)	8 (15)	36 (16)
6531	M	7800 (24)	6840 (29)	8160 (8)	7320 (14)	8900 (28)	15.7 (21)	4.9 (24)	87 (19)	28 (31)	38 (34)
06Y629	MPQ	7690 (25)	7670 (23)	7770 (20)	6460 (25)	8880 (29)	16.3 (10)	5.0 (7)	89 (33)	24 (26)	36 (24)
06Y334	MPQ	7550 (26)	6750 (30)	6570 (36)	7540 (9)	9330 (20)	17.4 (2)	5.0 (7)	89 (31)	17 (17)	36 (22)
05Y352	MPQ	7540 (27)	7080 (28)	7620 (25)	6390 (26)	9090 (22)	16.9 (3)	4.9 (28)	84 (9)	21 (24)	37 (29)
06Y202	SPQ	7520 (28)	7330 (26)	7950 (17)	5980 (30)	8820 (30)	15.7 (22)	5.0 (12)	83 (7)	39 (34)	38 (34)
05Y202	MPQ	7440 (29)	6500 (32)	7350 (31)	6940 (18)	8980 (26)	16.3 (12)	4.9 (20)	88 (26)	19 (19)	36 (20)
07Y110	LIM	7390 (30)	6420 (33)	8450 (3)	6030 (28)	8680 (31)	14.0 (35)	5.0 (12)	85 (10)	1 (1)	36 (15)
06Y639	SPQ	7350 (31)	7560 (24)	7340 (32)	6000 (29)	8480 (32)	17.6 (1)	5.0 (7)	85 (14)	57 (36)	36 (17)
06Y545	BAS	7160 (32)	8050 (20)	6900 (34)	5950 (31)	7720 (34)	15.5 (23)	5.0 (1)	89 (32)	1 (1)	33 (3)
CH201	SPQ	6960 (33)	6230 (34)	7430 (29)	5910 (32)	8270 (33)	14.1 (33)	5.0 (4)	87 (22)	28 (30)	35 (7)
CT201	BAS	6750 (34)	6640 (31)	7640 (24)	5550 (35)	7190 (35)	14.0 (34)	5.0 (1)	90 (34)	1 (1)	34 (4)
06Y707	JAS	6460 (35)	5160 (36)	6680 (35)	4790 (36)	9210 (21)	14.4 (32)	4.6 (36)	94 (36)	27 (29)	35 (8)
CT202	BAS	6320 (36)	6080 (35)	7160 (33)	5800 (34)	6260 (36)	13.7 (36)	5.0 (12)	87 (21)	19 (20)	33 (1)
MEAN		8000	8070	7800	6890	9250	15.8	4.9	86	16	36
CV		7.2	8.9	5	10.2	4.6	4.6	1.6	1.8	59.6	3.9
LSD (.0 5)		570	1460	790	1430	860	0.7	0.1	2	10	1

S = short; M = medium; L = long; PQ = premium quality; BAS = Basmati; WX = waxy; REX = Newrex; JAS= Jasmine; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 10. 2007 Early Rice Variety Test - Biggs

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
05Y698	M	9550 (1)	17.2 (12)	4.8 (9)	90 (15)	25 (6)	36 (12)
L206	L	9540 (2)	16.8 (15)	4.7 (14)	77 (3)	28 (7)	33 (1)
M206	M	9430 (3)	17.4 (11)	4.8 (9)	79 (4)	85 (14)	37 (14)
01Y655	REX	9270 (4)	17.8 (6)	4.7 (14)	90 (15)	3 (3)	37 (16)
03Y559	MPQ	9070 (5)	17.7 (9)	4.8 (5)	83 (5)	75 (13)	34 (4)
99Y529	L	8960 (6)	16.9 (14)	4.8 (9)	84 (6)	0 (1)	34 (2)
M205	M	8920 (7)	18.2 (3)	4.9 (3)	88 (11)	35 (10)	37 (13)
06Y599	REX	8880 (8)	17.0 (13)	4.8 (9)	88 (12)	20 (5)	36 (8)
06Y1072	M	8770 (9)	18.4 (2)	5.0 (1)	88 (12)	88 (16)	43 (18)
S102	S	8730 (10)	14.9 (18)	4.7 (17)	76 (1)	99 (17)	34 (3)
M208	M	8490 (11)	17.8 (6)	4.9 (3)	86 (8)	30 (8)	35 (7)
L205	REX	8420 (12)	16.2 (17)	4.8 (5)	85 (7)	30 (8)	36 (8)
04Y308	MPQ	8260 (13)	17.8 (6)	4.8 (5)	87 (9)	8 (4)	35 (6)
06Y333	MPQ	8230 (14)	17.7 (10)	4.7 (14)	87 (9)	68 (12)	37 (14)
05Y300	MPQ	7800 (15)	18.2 (3)	4.7 (17)	89 (14)	85 (14)	37 (16)
CM101	SWX	6990 (16)	16.4 (16)	4.8 (5)	76 (1)	99 (17)	36 (10)
M202	M	6940 (17)	17.9 (5)	4.8 (9)	91 (17)	53 (11)	36 (10)
03Y151	REX	5380 (18)	19.2 (1)	5.0 (1)	96 (18)	0 (1)	34 (5)
MEAN		8420	17.4	4.8	85	46	36
CV		7.7	3	3.2	2.3	38.8	3.7
LSD (.05)		1360	1.1		4	38	3

Preliminary Lines and Varieties

05Y165	SPQ	10200 (1)	18.0 (3)	4.9 (5)	84 (14)	70 (21)	35 (11)
06Y701	LSR	9660 (2)	18.0 (3)	4.6 (34)	89 (35)	0 (1)	34 (6)
03Y496	REX	9530 (3)	18.5 (2)	4.4 (35)	87 (29)	0 (1)	37 (30)
06Y445	M	9370 (4)	17.4 (17)	4.8 (16)	82 (8)	97 (33)	38 (32)
01Y501	LSR	9300 (5)	17.9 (5)	4.8 (24)	83 (11)	0 (1)	36 (21)
06Y589	L	9140 (6)	17.2 (19)	4.8 (16)	86 (26)	0 (1)	32 (1)
06Y965	M	9130 (7)	16.6 (32)	4.9 (5)	79 (4)	8 (11)	35 (13)
06Y395	M	9030 (8)	17.2 (19)	4.6 (33)	79 (4)	93 (27)	38 (35)
06Y685	M	8940 (9)	17.6 (14)	4.9 (10)	85 (19)	45 (17)	36 (21)
06Y950	M	8910 (10)	16.8 (28)	4.9 (10)	79 (4)	94 (29)	35 (11)
06Y575	REX	8880 (11)	17.4 (17)	5.0 (1)	86 (24)	0 (1)	37 (31)
06Y675	M	8880 (12)	17.8 (8)	4.7 (32)	89 (34)	25 (14)	36 (19)
06Y916	M	8870 (13)	17.2 (22)	4.8 (24)	78 (1)	95 (32)	35 (10)
06Y475	M	8870 (14)	17.6 (14)	4.8 (16)	79 (3)	73 (22)	38 (34)
06Y857	M	8810 (15)	17.6 (12)	4.8 (16)	85 (19)	18 (12)	35 (9)
06Y400	M	8770 (16)	17.2 (19)	4.7 (29)	83 (11)	65 (18)	36 (24)
05Y566	L	8710 (17)	17.0 (23)	4.8 (16)	85 (22)	0 (1)	34 (6)
05Y625	L	8420 (18)	17.6 (12)	4.9 (5)	87 (32)	0 (1)	34 (6)
06Y667	M	8080 (19)	17.5 (16)	4.8 (16)	86 (24)	20 (13)	37 (27)
06Y545	BAS	8050 (20)	17.9 (7)	5.0 (1)	84 (15)	0 (1)	33 (2)
06Y467	M	8030 (21)	17.7 (10)	4.8 (24)	83 (11)	80 (23)	36 (17)
06Y332	MPQ	8000 (22)	16.8 (28)	4.8 (24)	84 (15)	94 (29)	36 (23)
06Y629	MPQ	7670 (23)	17.9 (5)	4.9 (10)	87 (32)	93 (27)	36 (24)
06Y639	SPQ	7560 (24)	20.0 (1)	4.9 (10)	82 (8)	100 (36)	36 (24)
06Y356	SPQ	7490 (25)	15.5 (36)	4.9 (5)	81 (7)	88 (26)	34 (5)
06Y202	SPQ	7330 (26)	16.6 (32)	4.9 (5)	83 (10)	98 (34)	39 (36)
06Y881	M	7320 (27)	16.7 (31)	4.7 (29)	85 (19)	30 (15)	36 (18)
05Y352	MPQ	7080 (28)	17.7 (10)	4.8 (24)	78 (1)	80 (23)	37 (29)
6531	M	6840 (29)	17.0 (23)	4.7 (29)	87 (29)	80 (23)	38 (32)
06Y334	MPQ	6750 (30)	16.9 (25)	4.9 (10)	87 (29)	65 (18)	37 (28)
CT201	BAS	6640 (31)	16.8 (28)	5.0 (1)	84 (15)	0 (1)	33 (4)
05Y202	MPQ	6500 (32)	17.8 (8)	4.8 (16)	85 (22)	35 (16)	35 (13)
07Y110	LIM	6420 (33)	16.1 (35)	4.8 (16)	86 (26)	0 (1)	35 (15)
CH201	SPQ	6230 (34)	16.6 (32)	5.0 (1)	86 (26)	98 (34)	36 (19)
CT202	BAS	6080 (35)	16.9 (25)	4.9 (10)	84 (15)	68 (20)	33 (3)
06Y707	JAS	5160 (36)	16.9 (27)	4.3 (36)	92 (36)	94 (29)	35 (16)
MEAN		8070	17.3	4.8	84	50	36
CV		8.9	3.5	2.4	2.9	22	4
LSD (.05)		1460	1.2	0.2	5	22	3

S = short; M = medium; L = long; PQ = premium quality; BAS = Basmati; WX = waxy; REX = Newrex; JAS = Jasmine; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 11. 2007 Early Rice Variety Test - Butte

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
L205	REX	8940 (1)	14.1 (18)	5.0 (1)	87 (15)	1 (1)	37 (5)
99Y529	L	8920 (2)	15.8 (16)	5.0 (1)	86 (13)	5 (13)	39 (17)
L206	L	8900 (3)	15.3 (17)	5.0 (1)	80 (1)	8 (14)	36 (2)
S102	S	8580 (4)	16.3 (15)	5.0 (1)	80 (1)	4 (12)	38 (13)
05Y698	M	8500 (5)	18.0 (4)	5.0 (1)	86 (12)	1 (1)	36 (3)
06Y599	REX	8430 (6)	17.0 (10)	5.0 (1)	87 (16)	1 (1)	37 (7)
01Y655	REX	8390 (7)	17.0 (12)	5.0 (1)	96 (18)	1 (1)	38 (12)
M205	M	8310 (8)	17.5 (6)	5.0 (1)	86 (13)	1 (1)	36 (1)
06Y333	MPQ	8280 (9)	17.0 (11)	5.0 (1)	85 (10)	2 (9)	38 (8)
05Y300	MPQ	8280 (10)	17.5 (7)	5.0 (1)	84 (7)	35 (16)	37 (5)
03Y559	MPQ	8250 (11)	18.7 (3)	5.0 (1)	82 (5)	1 (1)	38 (8)
06Y1072	M	8190 (12)	17.6 (5)	5.0 (1)	84 (8)	37 (17)	45 (18)
M206	M	8060 (13)	18.9 (2)	5.0 (1)	80 (1)	3 (11)	38 (13)
M208	M	7990 (14)	16.7 (13)	5.0 (1)	81 (4)	11 (15)	39 (16)
04Y308	MPQ	7860 (15)	17.1 (9)	5.0 (1)	82 (5)	3 (10)	38 (8)
M202	M	7640 (16)	16.6 (14)	5.0 (1)	85 (10)	1 (1)	39 (15)
CM101	SWX	7350 (17)	19.5 (1)	5.0 (18)	84 (8)	40 (18)	38 (8)
03Y151	REX	7140 (18)	17.3 (8)	5.0 (1)	92 (17)	1 (1)	36 (4)
MEAN		8220	17.1	5.0	85	9	38
CV		4.3	7.3	0.2	0.9	197.8	2.8
LSD (.05)		500	1.8		1	24	2

Preliminary Lines and Varieties

06Y916	M	8780 (1)	15.7 (24)	5.0 (1)	81 (8)	40 (35)	36 (10)
06Y675	M	8760 (2)	17.4 (10)	5.0 (1)	86 (27)	2 (25)	37 (23)
07Y110	LIM	8450 (3)	15.2 (28)	5.0 (1)	85 (23)	1 (1)	36 (11)
06Y400	M	8320 (4)	16.7 (18)	5.0 (1)	81 (9)	1 (1)	36 (8)
06Y467	M	8260 (5)	16.7 (19)	5.0 (28)	83 (15)	1 (1)	38 (30)
06Y950	M	8220 (6)	15.6 (25)	5.0 (1)	80 (3)	4 (27)	37 (13)
06Y685	M	8200 (7)	16.9 (15)	5.0 (1)	85 (21)	1 (1)	35 (6)
6531	M	8160 (8)	13.9 (33)	5.0 (1)	80 (3)	1 (1)	39 (34)
05Y165	SPQ	8140 (9)	17.1 (14)	4.8 (35)	84 (20)	1 (1)	37 (13)
06Y575	REX	8110 (10)	17.1 (13)	5.0 (1)	89 (31)	1 (1)	39 (35)
06Y965	M	8110 (11)	14.8 (31)	5.0 (1)	80 (3)	1 (1)	37 (13)
06Y395	M	8100 (12)	16.2 (21)	5.0 (1)	79 (1)	8 (31)	37 (25)
06Y589	L	8030 (13)	16.8 (17)	5.0 (1)	89 (30)	1 (1)	35 (5)
06Y332	MPQ	8010 (14)	15.2 (29)	5.0 (1)	83 (17)	1 (1)	38 (27)
05Y625	L	8010 (15)	17.9 (5)	5.0 (1)	90 (32)	1 (1)	37 (22)
06Y445	M	7980 (16)	17.3 (11)	5.0 (1)	82 (14)	16 (32)	37 (23)
06Y202	SPQ	7950 (17)	16.9 (16)	5.0 (1)	80 (3)	28 (33)	39 (36)
06Y475	M	7940 (18)	15.8 (23)	5.0 (1)	80 (2)	1 (1)	37 (17)
06Y667	M	7770 (19)	15.4 (27)	5.0 (1)	83 (15)	1 (1)	38 (30)
06Y629	MPQ	7770 (20)	15.6 (26)	5.0 (1)	85 (21)	1 (1)	37 (17)
06Y356	SPQ	7690 (21)	17.8 (6)	5.0 (28)	82 (12)	5 (28)	34 (1)
01Y501	LSR	7680 (22)	17.5 (9)	5.0 (1)	85 (23)	1 (1)	36 (11)
05Y566	L	7660 (23)	17.5 (8)	5.0 (1)	87 (29)	1 (1)	38 (27)
CT201	LB	7640 (24)	13.4 (35)	5.0 (1)	91 (33)	1 (1)	35 (4)
05Y352	MPQ	7620 (25)	18.1 (3)	4.9 (32)	83 (17)	3 (26)	37 (26)
06Y881	M	7610 (26)	14.2 (32)	5.0 (1)	81 (9)	1 (1)	37 (13)
06Y857	M	7490 (27)	17.2 (12)	5.0 (1)	81 (9)	1 (1)	38 (27)
06Y701	LSR	7450 (28)	17.7 (7)	4.9 (32)	85 (23)	1 (1)	36 (8)
CH201	SPQ	7430 (29)	13.4 (34)	4.9 (32)	85 (23)	1 (1)	35 (7)
03Y496	REX	7360 (30)	18.2 (2)	5.0 (28)	94 (35)	1 (1)	38 (30)
05Y202	MPQ	7350 (31)	15.1 (30)	5.0 (28)	80 (3)	31 (34)	38 (33)
06Y639	SPQ	7340 (32)	17.9 (4)	5.0 (1)	83 (17)	55 (36)	37 (17)
CT202	BAS	7160 (33)	12.6 (36)	5.0 (1)	86 (27)	6 (29)	37 (17)
06Y545	BAS	6900 (34)	16.7 (20)	5.0 (1)	94 (35)	1 (1)	35 (2)
06Y707	JAS	6680 (35)	16.1 (22)	4.3 (36)	92 (34)	6 (29)	35 (2)
06Y334	MPQ	6570 (36)	18.7 (1)	5.0 (1)	82 (12)	1 (1)	37 (17)
MEAN		7800	16.3	5.0	84	6	37
CV		5	7	1.4	1	200	4.3
LSD (.05)		790	2.3	0.1	2	25	

S = short; M = medium; L = long; PQ = premium quality; BAS = Basmati; WX = waxy; REX = Newrex;

JAS = Jasmine; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 12. 2007 Early Rice Variety Test - Yuba

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield		Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
		at 14% Moisture lbs/acre	Moisture at Harvest (%)				
M206	M	7960 (1)	16.3 (3)	5.0 (1)	88 (5)	1 (1)	37 (14)
M205	M	7480 (2)	16.6 (1)	5.0 (1)	99 (17)	1 (1)	34 (4)
06Y333	MPQ	7350 (3)	15.7 (8)	5.0 (1)	94 (9)	1 (1)	36 (13)
04Y308	MPQ	7340 (4)	15.9 (7)	5.0 (1)	95 (10)	6 (15)	36 (10)
03Y559	MPQ	7140 (5)	15.4 (9)	5.0 (1)	96 (12)	3 (14)	36 (12)
M202	M	7040 (6)	16.1 (5)	5.0 (1)	94 (8)	6 (15)	37 (16)
06Y1072	M	7010 (7)	16.2 (4)	5.0 (1)	96 (14)	1 (1)	43 (18)
M208	M	6950 (8)	15.3 (10)	5.0 (1)	97 (16)	1 (1)	35 (9)
01Y655	REX	6920 (9)	12.6 (16)	5.0 (1)	97 (15)	1 (1)	35 (7)
05Y300	MPQ	6840 (10)	16.0 (6)	5.0 (1)	96 (13)	6 (15)	36 (11)
CM101	SWX	6640 (11)	11.9 (18)	5.0 (1)	82 (2)	2 (13)	37 (16)
06Y599	REX	6620 (12)	13.3 (14)	5.0 (1)	88 (5)	1 (1)	33 (2)
99Y529	L	6590 (13)	12.6 (15)	5.0 (1)	82 (2)	1 (1)	34 (6)
L206	L	6520 (14)	13.5 (13)	5.0 (1)	89 (7)	1 (1)	31 (1)
05Y698	M	6450 (15)	16.4 (2)	5.0 (1)	95 (11)	1 (1)	35 (8)
L205	REX	6370 (16)	13.6 (12)	5.0 (1)	85 (4)	1 (1)	34 (5)
S102	S	6170 (17)	12.2 (17)	5.0 (1)	81 (1)	7 (18)	37 (14)
03Y151	REX	5150 (18)	14.4 (11)	5.0 (1)	102 (18)	1 (1)	33 (3)
MEAN		6810	14.7	5.0	92	2	35
CV		12.2	6.8		0.9	177.8	4.3
LSD (.05)		1180	1.4		1		2

Preliminary Lines and Varieties

06Y445	M	8430 (1)	14.8 (16)	5.0 (1)	88 (10)	1 (1)	37 (34)
06Y667	M	8070 (2)	14.7 (18)	5.0 (1)	89 (14)	1 (1)	34 (10)
06Y916	M	8000 (3)	14.9 (13)	5.0 (1)	89 (14)	1 (1)	34 (12)
01Y501	LSR	7950 (4)	11.9 (35)	5.0 (1)	83 (1)	1 (1)	34 (5)
06Y400	M	7930 (5)	14.3 (21)	5.0 (33)	88 (10)	1 (1)	36 (23)
06Y950	M	7890 (6)	15.2 (5)	5.0 (1)	91 (18)	1 (1)	34 (10)
06Y467	M	7790 (7)	15.1 (10)	5.0 (1)	91 (18)	1 (1)	37 (30)
06Y965	M	7620 (8)	14.7 (19)	5.0 (1)	88 (9)	1 (1)	36 (22)
06Y334	MPQ	7540 (9)	15.7 (2)	5.0 (1)	95 (33)	1 (1)	36 (23)
06Y395	M	7510 (10)	14.9 (14)	5.0 (1)	85 (5)	1 (1)	37 (30)
06Y575	REX	7420 (11)	12.7 (27)	5.0 (1)	84 (2)	1 (1)	36 (25)
06Y685	M	7400 (12)	15.4 (4)	5.0 (1)	92 (26)	1 (1)	37 (34)
06Y332	MPQ	7380 (13)	15.2 (7)	5.0 (1)	94 (32)	1 (1)	36 (25)
6531	M	7320 (14)	15.4 (3)	5.0 (1)	94 (31)	1 (1)	35 (20)
06Y675	M	7260 (15)	15.1 (11)	5.0 (1)	96 (34)	1 (1)	37 (28)
03Y496	REX	7260 (16)	12.4 (31)	5.0 (33)	87 (8)	1 (1)	34 (8)
06Y475	M	7240 (17)	14.8 (17)	5.0 (1)	85 (4)	1 (1)	35 (17)
05Y202	MPQ	6940 (18)	15.2 (6)	5.0 (1)	93 (29)	8 (35)	35 (21)
06Y881	M	6920 (19)	14.9 (12)	5.0 (1)	89 (16)	1 (1)	36 (25)
06Y356	SPQ	6780 (20)	11.9 (36)	5.0 (1)	87 (7)	1 (1)	34 (5)
06Y701	LSR	6700 (21)	13.9 (22)	5.0 (1)	90 (17)	1 (1)	32 (2)
06Y589	L	6620 (22)	12.2 (32)	5.0 (1)	88 (10)	1 (1)	33 (4)
05Y566	L	6590 (23)	12.4 (28)	4.9 (35)	88 (10)	1 (1)	35 (16)
05Y625	L	6540 (24)	12.4 (30)	5.0 (1)	84 (2)	1 (1)	35 (15)
06Y629	MPQ	6460 (25)	14.6 (20)	5.0 (1)	93 (29)	1 (1)	37 (30)
05Y352	MPQ	6390 (26)	15.2 (8)	5.0 (1)	91 (18)	1 (1)	37 (30)
06Y857	M	6210 (27)	16.2 (1)	5.0 (1)	92 (26)	1 (1)	37 (34)
07Y110	LIM	6030 (28)	12.1 (34)	5.0 (1)	85 (5)	1 (1)	35 (19)
06Y639	SPQ	6000 (29)	15.1 (9)	5.0 (1)	91 (22)	3 (33)	34 (9)
06Y202	SPQ	5980 (30)	13.9 (23)	4.9 (35)	91 (18)	1 (1)	37 (29)
06Y545	BAS	5950 (31)	13.1 (25)	5.0 (1)	92 (25)	1 (1)	32 (3)
CH201	SPQ	5910 (32)	12.8 (26)	5.0 (1)	91 (22)	11 (36)	34 (12)
05Y165	SPQ	5880 (33)	14.8 (15)	5.0 (1)	93 (28)	3 (33)	35 (18)
CT202	BAS	5800 (34)	12.2 (33)	5.0 (1)	91 (22)	1 (1)	30 (1)
CT201	BAS	5550 (35)	12.4 (29)	5.0 (1)	96 (35)	1 (1)	34 (12)
06Y707	JAS	4790 (36)	13.1 (24)	5.0 (1)	97 (36)	1 (1)	34 (5)
MEAN		6890	14	5.0	90	2	35
CV		10.2	3.9	0.7	1.6	156.1	3.7
LSD (.05)		1430	1.1		3		3

S = short; M = medium; L = long; PQ = premium quality; BAS = Basmati; WX = waxy; REX = Newrex; JAS = Jasmine; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 13. 2007 Early Rice Variety Test - Colusa

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
99Y529	L	10380 (1)	12.0 (18)	5.0 (1)	82 (3)	1 (1)	37 (15)
M206	M	9960 (2)	16.8 (9)	5.0 (1)	84 (5)	1 (1)	39 (17)
03Y559	MPQ	9770 (3)	17.7 (4)	5.0 (13)	90 (13)	1 (1)	37 (14)
M205	M	9630 (4)	18.4 (1)	5.0 (13)	97 (16)	1 (1)	35 (3)
05Y698	M	9540 (5)	17.8 (3)	5.0 (1)	97 (16)	1 (1)	35 (6)
05Y300	MPQ	9540 (6)	17.1 (7)	5.0 (1)	94 (15)	1 (1)	35 (4)
M208	M	9500 (7)	16.7 (10)	5.0 (1)	87 (7)	1 (1)	37 (11)
04Y308	MPQ	9490 (8)	18.2 (2)	5.0 (1)	91 (14)	1 (1)	36 (7)
06Y1072	M	9430 (9)	17.0 (8)	5.0 (1)	88 (9)	3 (16)	46 (18)
06Y333	MPQ	9380 (10)	17.2 (6)	5.0 (1)	90 (12)	1 (1)	37 (13)
01Y655	REX	9220 (11)	12.2 (16)	5.0 (1)	88 (10)	1 (1)	37 (16)
L206	L	9100 (12)	12.5 (15)	5.0 (12)	84 (4)	1 (1)	34 (2)
S102	S	9040 (13)	13.9 (12)	5.0 (13)	77 (1)	46 (17)	37 (11)
06Y599	REX	9030 (14)	12.2 (17)	5.0 (1)	87 (7)	1 (1)	35 (5)
M202	M	9030 (15)	17.6 (5)	4.9 (17)	89 (11)	1 (1)	36 (9)
L205	REX	8770 (16)	12.8 (14)	5.0 (13)	85 (6)	1 (1)	36 (7)
CM101	SWX	8590 (17)	13.9 (13)	4.9 (18)	80 (2)	55 (18)	36 (10)
03Y151	REX	7640 (18)	14.7 (11)	5.0 (1)	97 (16)	1 (1)	33 (1)
MEAN		9280	15.5	5.0	88	7	37
CV		4.9	2.2	1.4	1.2	89.7	3
LSD (.05)		650	0.5		1	8	2

Preliminary Lines and Varieties

06Y575	REX	10590 (1)	12.9 (33)	5.0 (30)	86 (12)	1 (1)	39 (36)
03Y496	REX	10470 (2)	14.3 (25)	5.0 (1)	86 (16)	1 (1)	38 (34)
06Y467	M	10300 (3)	17.2 (6)	5.0 (1)	91 (28)	1 (1)	37 (29)
06Y445	M	10280 (4)	16.9 (10)	4.9 (33)	87 (17)	70 (35)	38 (30)
06Y916	M	10190 (5)	15.6 (21)	5.0 (1)	85 (9)	3 (29)	35 (9)
06Y395	M	10130 (6)	15.7 (19)	5.0 (1)	84 (6)	16 (32)	38 (30)
06Y400	M	10040 (7)	16.9 (9)	5.0 (1)	88 (24)	1 (1)	37 (28)
06Y667	M	10020 (8)	17.4 (3)	5.0 (1)	93 (32)	1 (1)	36 (21)
06Y675	M	9940 (9)	17.3 (5)	4.9 (33)	92 (30)	1 (1)	35 (18)
06Y475	M	9780 (10)	16.7 (14)	5.0 (1)	81 (3)	7 (31)	38 (30)
06Y950	M	9710 (11)	16.5 (17)	5.0 (30)	84 (6)	1 (1)	36 (20)
06Y685	M	9620 (12)	17.6 (2)	5.0 (1)	93 (33)	1 (1)	35 (11)
05Y566	L	9570 (13)	12.7 (34)	4.9 (33)	86 (12)	1 (1)	34 (5)
05Y165	SPQ	9570 (14)	16.7 (12)	5.0 (1)	89 (25)	1 (1)	34 (6)
06Y881	M	9560 (15)	16.0 (18)	5.0 (1)	86 (12)	1 (1)	35 (11)
06Y356	SPQ	9550 (16)	13.2 (31)	5.0 (1)	80 (1)	1 (1)	36 (21)
06Y965	M	9390 (17)	15.7 (20)	5.0 (1)	85 (10)	1 (1)	37 (27)
01Y501	LSR	9370 (18)	13.1 (32)	5.0 (1)	82 (4)	1 (1)	35 (11)
06Y857	M	9340 (19)	16.7 (16)	5.0 (1)	87 (18)	1 (1)	37 (26)
06Y334	MPQ	9330 (20)	18.3 (1)	5.0 (1)	93 (33)	1 (1)	35 (16)
06Y707	JAS	9210 (21)	11.7 (36)	4.9 (33)	95 (36)	6 (30)	35 (17)
05Y352	MPQ	9090 (22)	16.7 (15)	5.0 (1)	84 (6)	1 (1)	36 (23)
06Y332	MPQ	9040 (23)	16.8 (11)	5.0 (1)	91 (28)	1 (1)	38 (33)
05Y625	L	8990 (24)	13.4 (28)	5.0 (1)	86 (12)	1 (1)	35 (15)
06Y589	L	8980 (25)	13.3 (29)	5.0 (1)	87 (18)	1 (1)	33 (3)
05Y202	MPQ	8980 (26)	17.2 (6)	5.0 (1)	92 (30)	1 (1)	35 (18)
06Y701	LSR	8910 (27)	14.5 (23)	5.0 (1)	90 (27)	1 (1)	34 (8)
6531	M	8900 (28)	16.7 (13)	5.0 (1)	87 (18)	30 (33)	39 (35)
06Y629	MPQ	8880 (29)	17.1 (8)	5.0 (1)	93 (33)	1 (1)	35 (10)
06Y202	SPQ	8820 (30)	15.4 (22)	5.0 (1)	80 (1)	31 (34)	35 (11)
07Y110	LIM	8680 (31)	12.7 (35)	5.0 (1)	82 (5)	1 (1)	36 (23)
06Y639	SPQ	8480 (32)	17.3 (4)	5.0 (1)	85 (10)	70 (35)	36 (23)
CH201	SPQ	8270 (33)	13.8 (26)	5.0 (1)	87 (18)	1 (1)	33 (2)
06Y545	BAS	7720 (34)	14.5 (24)	5.0 (1)	87 (18)	1 (1)	34 (6)
CT201	BAS	7190 (35)	13.6 (27)	5.0 (1)	89 (25)	1 (1)	33 (4)
CT202	BAS	6260 (36)	13.2 (30)	5.0 (30)	87 (18)	1 (1)	31 (1)
MEAN		9250	15.4	5.0	87	7	36
CV		4.6	2.8	1.5	1.1	132.9	3.5
LSD (.05)		860	0.9		2	19	3

S = short; M = medium; L = long; PQ = premium quality; BAS = Basmati; WX = waxy; REX = Newrex;

JAS= Jasmine; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 14. Grain Yield (lb/acre @14% moisture) Summary of Early Rice Varieties by Location and Year (2003-2007)

Location	Year	Calhikari				Calmati		
		201	M-202	M-204	M-205	M-206	201	L-205
Biggs (RES)	2003	8310	8530	9280	9860	8320	7910	9290
	2004	8120	9500	9590	10270	9650	8500	9810
	2005	7740	7350	7560	7980	7890	6900	8760
	2006	8650	9000	-	9250	9560	7480	9280
	2007	6230	6940	-	8920	9430	6960	8420
Location Mean		7810	8264	8810	9256	8970	7550	9112
Butte	2003	6828	8294	8907	9257	8808	6379	8283
	2004	8200	8990	8800	9490	8800	7380	8060
	2005	-	-	-	-	-	-	-
	2006	6930	7970	-	8820	8080	7230	8090
Glenn	2007	7430	7640	-	8310	8060	7640	8940
Location Mean		7347	8223	8853	8969	8437	7157	8343
Colusa	2003	7762	9205	9383	10010	8389	7981	8713
	2004	9570	10330	10830	10750	10200	8440	10450
	2005	7580	8030	8840	9330	8160	7330	8570
	2006	8530	9970	-	10720	9300	7590	8660
	2007	8270	9030	-	9630	9960	7190	8770
Location Mean		8342	9313	9684	10088	9202	7706	9033
Yuba	2003	8389	8305	8190	9027	8504	7186	7897
	2004	8240	9850	9050	9120	9960	6720	8510
	2005	7470	7100	7950	8150	7670	7110	7490
	2006	-	-	-	-	-	-	-
	2007	5910	7040	-	7480	7960	5550	6370
Location Mean		7502	8074	8397	8444	8524	6642	7567
Loc/Years Mean		7787	8504	8944	9243	8817	7304	8576
Yield % M-202		91.6	100	105.2	108.7	103.7	85.9	100.8
Number of Tests		18	18	11	18	18	18	18

Table 15. 2007 Intermediate/Late Rice Variety Tests - Three Location Summary

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Single Location Yields			Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
			Biggs	Glenn	Sutter					
05Y657	SSR	10410 (1)	11120 (1)	10340 (2)	9790 (7)	18.8 (4)	4.8 (12)	90 (8)	2 (4)	40 (11)
M205	M	10270 (2)	10080 (5)	10400 (1)	10320 (2)	18.6 (6)	4.9 (8)	92 (11)	17 (9)	38 (7)
99Y529	L	10260 (3)	10160 (4)	10190 (4)	10430 (1)	15.0 (12)	4.9 (10)	87 (4)	3 (5)	38 (6)
05Y343	SWX	10130 (4)	10200 (3)	10240 (3)	9950 (4)	19.5 (2)	4.9 (9)	88 (5)	25 (12)	38 (8)
L206	L	9880 (5)	10390 (2)	9670 (6)	9580 (8)	14.4 (13)	4.8 (13)	82 (1)	7 (7)	34 (1)
04Y706	L	9630 (6)	9930 (6)	9830 (5)	9130 (11)	16.8 (10)	4.9 (11)	92 (10)	2 (3)	37 (4)
05Y386	M	9540 (7)	9700 (7)	9610 (7)	9290 (10)	17.5 (8)	4.9 (6)	86 (3)	21 (11)	37 (3)
L205	REX	9530 (8)	9430 (8)	9150 (9)	10010 (3)	15.5 (11)	4.9 (4)	90 (7)	5 (6)	37 (5)
04Y625	MPQ	9450 (9)	9290 (9)	9520 (8)	9530 (9)	19.2 (3)	5.0 (1)	91 (9)	15 (8)	39 (9)
M202	M	9290 (10)	8960 (10)	9110 (10)	9800 (6)	18.3 (7)	5.0 (1)	88 (5)	20 (10)	39 (10)
05Y328	MPQ	9170 (11)	8710 (12)	8960 (12)	9850 (5)	18.8 (5)	4.9 (4)	86 (2)	48 (13)	40 (12)
M402	MPQ	8970 (12)	8940 (11)	9080 (11)	8900 (12)	21.5 (1)	4.9 (6)	102 (13)	1 (2)	40 (13)
03Y151	REX	7440 (13)	7000 (13)	7840 (13)	7500 (13)	17.5 (9)	5.0 (3)	99 (12)	1 (1)	37 (2)
MEAN		9540	9530	9530	9540	17.8	4.9	90	13	38
CV		5.4	6.6	4.9	4.5	4.8	2.3	1.5	120.9	3.5
LSD (.05)		420	900	670	620	0.7	0.1	1	13	1

Preliminary Lines and Varieties

06Y664	M	9820 (1)	9240 (2)	9890 (1)	10350 (1)	17.4 (6)	5.0 (11)	90 (15)	4 (6)	36 (4)
06Y668	M	9490 (2)	8900 (6)	9740 (2)	9820 (5)	16.4 (13)	5.0 (7)	87 (10)	4 (6)	36 (2)
06Y696	M	9480 (3)	9030 (4)	9580 (4)	9830 (4)	17.6 (5)	5.0 (5)	89 (13)	11 (9)	38 (11)
06Y444	M	9470 (4)	9490 (1)	9180 (9)	9750 (6)	17.9 (4)	5.0 (7)	89 (11)	18 (13)	39 (19)
06Y620	SPQ	9150 (5)	8760 (7)	9590 (3)	9100 (12)	19.2 (1)	4.9 (18)	93 (19)	11 (10)	39 (20)
06Y390	M	9140 (6)	8980 (5)	8890 (10)	9560 (8)	17.0 (7)	5.0 (11)	86 (7)	19 (14)	38 (16)
06Y1024	M	9100 (7)	8070 (13)	9530 (5)	9710 (7)	16.1 (15)	4.9 (14)	84 (3)	33 (19)	38 (17)
05Y346	MBG	9070 (8)	8590 (10)	8740 (11)	9870 (3)	16.9 (9)	4.9 (21)	86 (6)	32 (18)	40 (21)
06Y438	M	9030 (9)	8330 (12)	9250 (8)	9510 (9)	16.7 (11)	5.0 (2)	89 (12)	33 (20)	37 (7)
06Y290	M	8980 (10)	8580 (11)	9380 (6)	8970 (14)	16.8 (10)	5.0 (7)	82 (1)	18 (12)	37 (8)
06Y293	M	8980 (11)	9120 (3)	8410 (16)	9400 (10)	16.5 (12)	5.0 (2)	82 (2)	26 (16)	38 (14)
07Y151	LIM	8960 (12)	8610 (9)	8410 (17)	9880 (2)	15.2 (16)	5.0 (11)	92 (17)	1 (3)	38 (13)
06Y984	M	8820 (13)	8660 (8)	8730 (12)	9050 (13)	18.1 (3)	4.9 (20)	89 (14)	9 (8)	38 (12)
CT201	BAS	8320 (14)	7350 (18)	8450 (14)	9150 (11)	14.0 (21)	5.0 (5)	91 (16)	4 (4)	38 (10)
CH201	SPQ	8200 (15)	7830 (15)	8590 (13)	8160 (15)	13.6 (22)	5.0 (1)	86 (8)	34 (21)	36 (5)
06Y313	SPQ	8080 (16)	7870 (14)	8420 (15)	7960 (16)	14.3 (19)	5.0 (7)	84 (3)	25 (15)	37 (6)
05Y744	JAS	7940 (17)	6950 (19)	9360 (7)	7500 (18)	16.9 (8)	4.8 (22)	98 (22)	28 (17)	41 (22)
CA201	SPQ	7340 (18)	7560 (16)	7470 (18)	7000 (19)	14.9 (17)	4.9 (15)	85 (5)	46 (22)	36 (1)
CT202	BAS	7160 (19)	7500 (17)	7100 (19)	6860 (20)	14.0 (20)	5.0 (2)	86 (8)	4 (5)	36 (3)
07Y155	BAS	7110 (20)	6730 (20)	7050 (21)	7550 (17)	16.2 (14)	4.9 (15)	92 (18)	16 (11)	39 (18)
07Y154	BAS	6700 (21)	6470 (21)	6990 (22)	6640 (21)	14.4 (18)	4.9 (18)	93 (21)	1 (2)	38 (15)
07Y152	BAS	5500 (22)	5370 (22)	7070 (20)	4060 (22)	18.3 (2)	4.9 (15)	93 (19)	1 (1)	37 (9)
MEAN		8360	8090	8630	8620	15.8	4.9	88	21	37
CV		7	7.9	6.4	5.2	7.3	1.6	2.1	86.4	3.4
LSD (.05)		580	900	1140	930	1.1	0.1	2	18	1

S = short; M = medium; L = long; PQ = premium quality; BG = Bold Grain; BAS = Basmati; JAS = Jasmine; WX = waxy; REX = Newrex; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 16. 2007 Intermediate/Late Rice Variety Test - Biggs (RES)

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
05Y657	SSR	11120 (1)	15.6 (3)	4.7 (11)	91 (10)	5 (5)	38 (9)
L206	L	10390 (2)	13.7 (13)	4.6 (13)	81 (1)	6 (6)	31 (1)
05Y343	SWX	10200 (3)	15.3 (8)	4.7 (12)	89 (6)	63 (12)	36 (7)
99Y529	L	10160 (4)	14.0 (11)	4.8 (10)	87 (4)	4 (4)	36 (6)
M205	M	10080 (5)	15.4 (5)	4.9 (5)	92 (11)	43 (9)	37 (8)
04Y706	L	9930 (6)	15.4 (6)	4.8 (9)	89 (7)	3 (3)	36 (5)
05Y386	M	9700 (7)	15.4 (6)	4.9 (3)	86 (2)	50 (10)	36 (4)
L205	REX	9430 (8)	13.8 (12)	4.9 (7)	89 (7)	9 (7)	35 (3)
04Y625	MPQ	9290 (9)	15.3 (9)	5.0 (2)	89 (5)	36 (8)	38 (11)
M202	M	8960 (10)	15.2 (10)	4.9 (3)	90 (9)	57 (11)	39 (12)
M402	MPQ	8940 (11)	17.6 (1)	5.0 (1)	101 (13)	1 (2)	38 (10)
05Y328	MPQ	8710 (12)	15.6 (3)	4.9 (7)	86 (2)	82 (13)	39 (13)
03Y151	REX	7000 (13)	15.9 (2)	4.9 (6)	95 (12)	1 (1)	34 (2)
MEAN		9530	15.2	4.8	90	28	36
CV		6.6	5.8	3.2	2.4	77.9	3.8
LSD (.05)		900	1.3	0.2	3	31	2

Preliminary Lines and Varieties

06Y444	M	9490 (1)	15.5 (3)	4.9 (7)	88 (12)	49 (16)	37 (17)
06Y664	M	9240 (2)	14.7 (6)	4.9 (13)	90 (15)	11 (7)	35 (8)
06Y293	M	9120 (3)	14.3 (11)	5.0 (2)	80 (1)	61 (19)	37 (17)
06Y696	M	9030 (4)	15.2 (4)	4.9 (5)	88 (11)	31 (12)	36 (11)
06Y390	M	8980 (5)	14.5 (9)	4.9 (13)	86 (8)	45 (14)	37 (20)
06Y668	M	8900 (6)	14.6 (8)	4.9 (7)	85 (7)	11 (7)	34 (3)
06Y620	SPQ	8760 (7)	15.5 (2)	4.8 (20)	92 (18)	10 (5)	37 (17)
06Y984	M	8660 (8)	15.0 (5)	4.8 (20)	89 (14)	24 (10)	36 (12)
07Y151	LIM	8610 (9)	14.1 (13)	4.9 (13)	91 (16)	1 (1)	37 (16)
05Y346	MBG	8590 (10)	14.0 (16)	4.8 (17)	86 (8)	62 (20)	38 (22)
06Y290	M	8580 (11)	14.4 (10)	4.9 (7)	81 (2)	53 (17)	35 (6)
06Y438	M	8330 (12)	14.7 (7)	5.0 (2)	88 (13)	43 (13)	35 (9)
06Y1024	M	8070 (13)	14.2 (12)	4.9 (11)	84 (4)	45 (15)	37 (13)
06Y313	SPQ	7870 (14)	13.4 (20)	4.9 (7)	85 (6)	61 (18)	37 (14)
CH201	SPQ	7830 (15)	12.8 (21)	5.0 (1)	86 (10)	81 (22)	35 (5)
CA201	SPQ	7560 (16)	12.1 (22)	4.8 (17)	83 (3)	64 (21)	34 (4)
CT202	BAS	7500 (17)	14.0 (15)	5.0 (2)	84 (5)	11 (6)	33 (1)
CT201	BAS	7350 (18)	14.1 (14)	4.9 (5)	91 (16)	1 (1)	33 (2)
05Y744	JAS	6950 (19)	13.7 (17)	4.5 (22)	97 (22)	29 (11)	38 (21)
07Y155	BAS	6730 (20)	13.7 (17)	4.9 (11)	93 (21)	12 (9)	36 (10)
07Y154	BAS	6470 (21)	13.5 (19)	4.8 (16)	93 (19)	1 (4)	35 (7)
07Y152	BAS	5370 (22)	17.2 (1)	4.8 (17)	93 (20)	1 (1)	37 (14)
MEAN		8090	14.3	4.9	88	32	36
CV		7.9	4.1	2	2.6	58.2	3.6
LSD (.05)		900	0.8	0.1	3	26	2

S = short; M = medium; L = long; PQ = premium quality; BG = Bold Grain; BAS = Basmati; WX = waxy;

REX = Newrex; JAS= Jasmine; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 17. 2007 Intermediate/Late Rice Variety Test - Glenn

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
M205	M	10400 (1)	17.8 (6)	4.9 (9)	94 (6)	1 (1)	38 (2)
05Y657	SSR	10340 (2)	18.2 (4)	4.8 (11)	93 (5)	1 (1)	42 (11)
05Y343	SWX	10240 (3)	19.0 (2)	5.0 (5)	94 (6)	10 (12)	40 (8)
99Y529	L	10190 (4)	14.1 (13)	4.9 (9)	95 (10)	1 (1)	39 (7)
04Y706	L	9830 (5)	16.3 (10)	4.8 (13)	97 (11)	1 (1)	39 (6)
L206	L	9670 (6)	14.5 (12)	5.0 (7)	87 (1)	2 (8)	36 (1)
05Y386	M	9610 (7)	17.4 (8)	5.0 (7)	91 (3)	8 (11)	39 (4)
04Y625	MPQ	9520 (8)	17.9 (5)	5.0 (1)	94 (6)	8 (10)	40 (9)
L205	REX	9150 (9)	15.2 (11)	5.0 (1)	94 (6)	1 (1)	39 (4)
M202	M	9110 (10)	17.7 (7)	5.0 (1)	91 (3)	2 (8)	41 (10)
M402	MPQ	9080 (11)	20.1 (1)	4.8 (11)	106 (13)	1 (1)	43 (13)
05Y328	MPQ	8960 (12)	18.3 (3)	5.0 (5)	90 (2)	30 (13)	42 (11)
03Y151	REX	7840 (13)	16.7 (9)	5.0 (1)	105 (12)	1 (1)	38 (3)
MEAN		9530	17.2	4.9	95	5	40
CV		4.9	4.7	2.1	0.9	210.7	3
LSD (.05)		670	1.2	0.1	1	16	2

Preliminary Lines and Varieties

06Y664	M	9890 (1)	16.8 (9)	5.0 (1)	92 (7)	1 (1)	37 (1)
06Y668	M	9740 (2)	16.7 (10)	5.0 (1)	93 (15)	1 (1)	38 (3)
06Y620	SPQ	9590 (3)	19.1 (1)	5.0 (1)	93 (12)	23 (18)	41 (14)
06Y696	M	9580 (4)	16.5 (12)	5.0 (1)	93 (15)	1 (1)	40 (12)
06Y1024	M	9530 (5)	16.3 (15)	5.0 (1)	90 (4)	38 (20)	42 (18)
06Y290	M	9380 (6)	17.2 (7)	5.0 (1)	88 (1)	1 (1)	40 (8)
05Y744	JAS	9360 (7)	17.7 (6)	4.8 (22)	104 (22)	5 (11)	45 (22)
06Y438	M	9250 (8)	16.6 (11)	5.0 (1)	92 (7)	53 (22)	39 (6)
06Y444	M	9180 (9)	17.7 (5)	5.0 (1)	92 (7)	5 (11)	43 (20)
06Y390	M	8890 (10)	16.4 (14)	5.0 (1)	92 (6)	6 (13)	40 (9)
05Y346	MBG	8740 (11)	18.9 (2)	4.9 (20)	88 (2)	16 (16)	42 (19)
06Y984	M	8730 (12)	17.9 (4)	5.0 (1)	93 (12)	3 (10)	39 (7)
CH201	SPQ	8590 (13)	13.7 (21)	5.0 (1)	93 (12)	18 (17)	38 (3)
CT201	BAS	8450 (14)	13.3 (22)	5.0 (1)	95 (18)	1 (1)	41 (14)
06Y313	SPQ	8420 (15)	14.8 (18)	5.0 (1)	91 (5)	13 (15)	38 (3)
06Y293	M	8410 (16)	16.9 (8)	5.0 (1)	88 (2)	11 (14)	40 (12)
07Y151	LIM	8410 (17)	15.5 (17)	5.0 (1)	95 (17)	1 (1)	40 (9)
CA201	SPQ	7470 (18)	16.4 (13)	5.0 (1)	92 (7)	50 (21)	38 (2)
CT202	BAS	7100 (19)	14.6 (19)	5.0 (1)	92 (7)	1 (1)	41 (16)
07Y152	BAS	7070 (20)	16.0 (16)	5.0 (1)	97 (19)	1 (1)	40 (9)
07Y155	BAS	7050 (21)	18.8 (3)	4.9 (20)	97 (19)	30 (19)	44 (21)
07Y154	BAS	6990 (22)	14.5 (20)	5.0 (1)	98 (21)	1 (1)	41 (17)
MEAN		8630	16.5	5.0	93	13	40
CV		6.4	12.8	0.9	0.7	148.6	3.3
LSD (.05)		1140		0.1	1		3

S = short; M = medium; L = long; PQ = premium quality; BG = Bold Grain; BAS = Basmati; WX = waxy; REX = Newrex; JAS= Jasmine; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 18. 2007 Intermediate/Late Rice Variety Test - Sutter

Advanced Lines and Varieties

Variety	Grain Type	Grain Yield at 14% Moisture lbs/acre	Grain Moisture at Harvest (%)	Seedling Vigor (1-5)	Days to 50% Heading	Lodging (1-99)	Plant Height (in)
99Y529	L	10430 (1)	16.8 (12)	5.0 (8)	79 (2)	3 (7)	38 (5)
M205	M	10320 (2)	22.5 (5)	5.0 (8)	89 (10)	6 (9)	38 (7)
L205	REX	10010 (3)	17.5 (11)	5.0 (4)	87 (7)	6 (9)	38 (5)
05Y343	SWX	9950 (4)	24.1 (3)	5.0 (4)	81 (3)	3 (7)	38 (8)
05Y328	MPQ	9850 (5)	22.4 (6)	5.0 (1)	82 (4)	33 (13)	39 (9)
M202	M	9800 (6)	22.1 (7)	5.0 (1)	84 (6)	2 (6)	39 (10)
05Y657	SSR	9790 (7)	22.7 (4)	4.9 (12)	87 (8)	1 (1)	40 (12)
L206	L	9580 (8)	15.1 (13)	4.9 (12)	78 (1)	13 (12)	35 (1)
04Y625	MPQ	9530 (9)	24.5 (2)	5.0 (4)	90 (11)	1 (1)	40 (11)
05Y386	M	9290 (10)	19.9 (9)	4.9 (11)	82 (4)	6 (9)	36 (2)
04Y706	L	9130 (11)	18.9 (10)	5.0 (8)	89 (9)	1 (1)	37 (3)
M402	MPQ	8900 (12)	26.7 (1)	5.0 (1)	100 (13)	1 (1)	41 (13)
03Y151	REX	7500 (13)	20.0 (8)	5.0 (4)	98 (12)	1 (1)	37 (4)
MEAN		9540	21.0	5.0	87	6	38
CV		4.5	4.3	1.3	0.8	205.5	3.7
LSD (.05)		620	1.3		1	17	2

Preliminary Lines and Varieties

06Y664	M	10350 (1)	20.5 (5)	5.0 (1)	88 (16)	1 (1)	37 (8)
07Y151	LIM	9880 (2)	15.9 (17)	5.0 (1)	90 (20)	2 (11)	37 (10)
05Y346	MBG	9870 (3)	17.9 (13)	5.0 (1)	84 (10)	18 (20)	39 (20)
06Y696	M	9830 (4)	21.0 (4)	5.0 (1)	86 (11)	1 (1)	37 (7)
06Y668	M	9820 (5)	18.1 (12)	5.0 (1)	82 (8)	1 (1)	36 (4)
06Y444	M	9750 (6)	20.4 (6)	5.0 (1)	86 (11)	1 (1)	38 (15)
06Y1024	M	9710 (7)	17.8 (14)	5.0 (20)	80 (4)	16 (19)	37 (11)
06Y390	M	9560 (8)	20.2 (7)	5.0 (1)	82 (7)	7 (17)	38 (16)
06Y438	M	9510 (9)	18.7 (10)	5.0 (1)	86 (11)	5 (13)	38 (14)
06Y293	M	9400 (10)	18.5 (11)	5.0 (1)	77 (2)	6 (15)	37 (8)
CT201	LB	9150 (11)	14.7 (20)	5.0 (1)	88 (16)	11 (18)	39 (19)
06Y620	SPQ	9100 (12)	22.9 (1)	5.0 (1)	93 (21)	1 (1)	40 (22)
06Y984	M	9050 (13)	21.4 (3)	5.0 (20)	86 (11)	1 (1)	38 (16)
06Y290	M	8970 (14)	18.8 (9)	5.0 (1)	76 (1)	1 (1)	37 (13)
CH201	SPQ	8160 (15)	14.3 (21)	5.0 (1)	80 (4)	5 (13)	36 (6)
06Y313	SPQ	7960 (16)	14.8 (19)	5.0 (1)	77 (2)	3 (12)	35 (3)
07Y155	BAS	7550 (17)	16.0 (16)	5.0 (1)	87 (15)	6 (15)	37 (11)
05Y744	JAS	7500 (18)	19.5 (8)	5.0 (1)	94 (22)	50 (22)	39 (20)
CA201	SPQ	7000 (19)	16.2 (15)	5.0 (1)	80 (4)	26 (21)	35 (1)
CT202	BAS	6860 (20)	13.4 (22)	5.0 (1)	83 (9)	1 (1)	35 (1)
07Y154	BAS	6640 (21)	15.1 (18)	5.0 (20)	88 (16)	1 (1)	38 (16)
07Y152	BAS	4060 (22)	21.8 (2)	5.0 (1)	89 (19)	1 (1)	36 (5)
MEAN		8620	18.1	5.0	85	7	37
CV		5.2	5.7	0.5	0.8	215.7	3.1
LSD (.05)		930	2.1		1		2

S = short; M = medium; L = long; PQ = premium quality; BG = Bold Grain; BAS = Basmati; WX = waxy; REX = Newrex; SR = stem rot resistant.

Subjective rating of 1-5 where 1 = poor and 5 = excellent seedling emergence.

Subjective rating of 1-99 where 1 = none and 99 = completely lodged.

Numbers in parentheses indicate relative rank in column.

Table 19. Grain Yield (lb/acre @14% moisture) Summary of Intermediate/
Late Rice Varieties by Location and Year (2003-2007)

Location	Year	M-205	M-402	M-202	L-205
Biggs (RES)	2003	10180	8130	8650	10580
	2004	10180	9310	9480	10150
	2005	9110	8570	8610	9110
	2006	8830	8280	8620	8920
	2007	10080	8940	8960	9430
Location Mean		9676	8646	8864	9638
Glenn	2003	8483	7887	6862	7500
	2004	10210	9860	9040	9140
	2005	8190	9040	8430	7510
	2006	7050	7990	6820	6780
	2007	10400	9080	9110	9150
Location Mean		8867	8771	8052	8016
Sutter	2003	11151	9613	10356	9310
	2004	10850	9430	11140	10970
	2005	10040	7530	9500	9560
	2006	8490	7290	7760	8730
	2007	10320	8900	9800	10010
Location Mean		10170	8553	9711	9716
Loc/Years Mean		9571	8657	8876	9123
Yield % M-202		107.8	97.5	100	102.8
Number of Tests		15	15	15	15