

Rice Briefs

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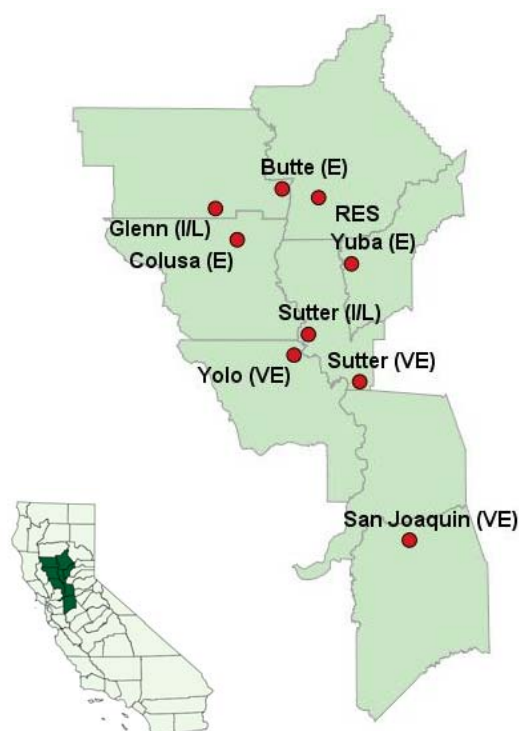
Summary of 2012 University of California Statewide Rice Variety Trials

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Once again, the season is upon us. As usual, I'm presenting a summary of the 2012 Statewide Variety Trials. The trials are a cooperative effort between UCCE and the Rice Experiment Station (RES). Their objective is to determine production potential and adaptability of new materials for local conditions, as well as the response of commercial varieties to local weather, soil and agronomic practices.

The 2012 trials were conducted at eight farm locations. Additionally, varieties were also evaluated at the RES in Biggs. Tests were arranged in randomized complete block designs with four replications. Individual plots, except at San Joaquin County, were water-seeded by hand at a planting rate of 144 lb/acre. The plots at San Joaquin were drill-seeded at a rate of 120 lb/acre. All tests were harvested with a small-plot research combine. The harvest area per plot ranged from 140 to 153 ft². Grain moisture was assessed at harvest. Yields are expressed in lbs/acre at 14% grain moisture.

The complete results of the 2012 Statewide Variety Trials are available at the UC Rice Project Website (<http://ucanr.edu/sites/UCRiceProject/>, click on Research and then on Agronomy Progress Reports).



Location of University of California rice variety trials (VE= very early, E=early, I/L=intermediate/late, RES=Rice Experiment Station)

Very Early Maturity Group (<90 days to 50% heading at RES)

Butte County (RES): Planting date: 05/17, harvest date: 09/26

Year	M-104	M-202	M-206	Calmochi			
				101	S-102	L-205	L-206
2008	10000	10170	10900	9960	10240	10010	11180
2009	7180	8080	8940	7640	8230	9430	9710
2010	-	10470	11290	9470	9380	10140	10200
2011	-	-	-	-	-	-	-
2012	10260	10050	10420	8500	9370	-	10020
Average	9147	9693	10388	8893	9305	9860	10278

Sutter County: Planting date: 05/24, harvest date: 10/17

Year	M-104	M-202	M-206	Calmochi			
				101	S-102	L-205	L-206
2008	10100	9540	9800	10010	10190	9490	9840
2009	10040	9070	9390	7870	8480	9070	10160
2010	8270	6520	7890	9500	9360	7450	8050
2011	-	-	-	-	-	-	-
2012	8990	8810	9320	7500	8470	-	9570
Average	9350	8485	9100	8720	9125	8670	9405

Yolo County: Planting date: 05/14, harvest date: 10/20

Year	M-104	M-202	M-206	Calmochi			
				101	S-102	L-205	L-206
2008	9930	10140	10480	9830	10340	9590	10210
2009	11770	11400	12570	10760	11930	11220	10880
2010	8050	7890	8210	7190	7520	7390	8230
2011	10020	9590	10230	9320	9050	-	9490
2012	9610	8930	9900	7450	8400	-	9060
Average	9876	9590	10278	8910	9448	9400	9574

San Joaquin County (drill-seeded trial): Planting date: 05/10, harvest date: 10/29

Year	Calmochi						
	M-104	M-202	M-206	101	S-102	L-205	L-206
2008	9780	7770	9360	9470	10000	7580	8160
2009	8530	8720	8440	7650	7480	6970	8120
2010	8360	7760	7560	8070	7950	5970	8170
2011	8800	9090	9330	7850	7760	-	8340
2012	8460	7490	8990	7880	8180	-	7570
Average	8786	8166	8736	8184	8274	6840	8072

Early Maturity Group (90-97 days to 50% heading at RES)

Butte County (RES): Planting date: 05/18, Harvest date: 09/28

Year	Calhikari					Calmati		
	201	S-102	M-202	M-105	M-205	M-206	202	L-206
2008	9520	10950	10580	10590	10800	10620	7930	10820
2009	9090	9700	8940	8690	9430	9080	7650	10840
2010	9390	9400	10210	11530	10790	10990	8730	11090
2011	9210	10230	9660	9490	10610	10050	5410	10020
2012	8680	9500	9770	10250	10530	9980	7990	10510
Average	9178	9956	9832	10110	10432	10144	7542	10656

Butte County: Planting date: 05/28, harvest date: 10/27

Year	Calhikari					Calmati		
	201	S-102	M-202	M-105	M-205	M-206	202	L-206
2008	6360	7470	7150	8450	8220	8450	7020	8700
2009	8690	7800	9690	8530	9830	8170	7780	9610
2010	7900	7330	8190	8530	7950	8440	6770	8400
2011	8060	8280	8180	9270	8860	8520	8020	9330
2012	8080	8220	8650	9490	9600	9240	7910	9380
Average	7818	7820	8372	8854	8892	8564	7500	9084

Colusa County: Planting date: 05/29, harvest date: 11/05

Year	Calhikari					Calmati		
	201	S-102	M-202	M-105	M-205	M-206	202	L-206
2008	8640	9870	9950	10100	10080	10080	5740	9730
2009	7350	8130	8560	8880	9680	8800	5510	8600
2010	9510	10190	10910	10930	11190	10560	4690	10440
2011	6040	7420	9350	7580	9760	9960	5210	9660
2012	7430	7460	8630	8620	9130	9680	5340	9400
Average	7794	8614	9480	9222	9968	9816	5298	9566

Yuba County: Planting date: 05/22, harvest date: 11/04

Year	Calhikari					Calmati		
	201	S-102	M-202	M-105	M-205	M-206	202	L-206
2008	8880	9830	10140	10270	10500	10720	6250	11000
2009	6880	7950	7940	8160	8790	8530	5960	9150
2010	8350	10010	10220	10040	9370	10330	5470	9070
2011	7800	8740	9300	9800	10000	10190	6030	10160
2012	6080	7970	9220	8510	8840	9240	5570	9100
Average	7598	8900	9364	9356	9500	9802	5856	9696

Intermediate/Late Maturity Group (>97 days to 50% heading at RES)

Butte County (RES): Planting date: 05/19, harvest date: 10/04

Year	M-205	M-402	M-202	L-206
2008	10950	9220	10310	10740
2009	9290	9110	8300	9950
2010	11030	8240	10430	11610
2011	10270	9200	9160	9990
2012	11210	10260	11090	11180
Average	10550	9206	9858	10694

Glenn County: Planting date: 05/08, harvest date: 10/19

Year	M-205	M-402	M-202	L-206
2008	8440	7240	8300	8710
2009	10120	10610	9230	10440
2010	9210	9360	7970	8340
2011	9550	9820	9030	8900
2012	8220	8260	7660	7680
Average	9108	9058	8438	8814

Sutter County: Planting date: 05/17, harvest date: 10/08

Year	M-205	M-402	M-202	L-206
2008	8430	9180	8780	7830
2009	8180	8010	7080	7470
2010	9190	9300	10500	9390
2011	9310	8000	9010	9780
2012	9630	9040	9690	9890
Average	8948	8706	9012	8872

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