



## Summary of 2013 University of California Statewide Rice Variety Trials

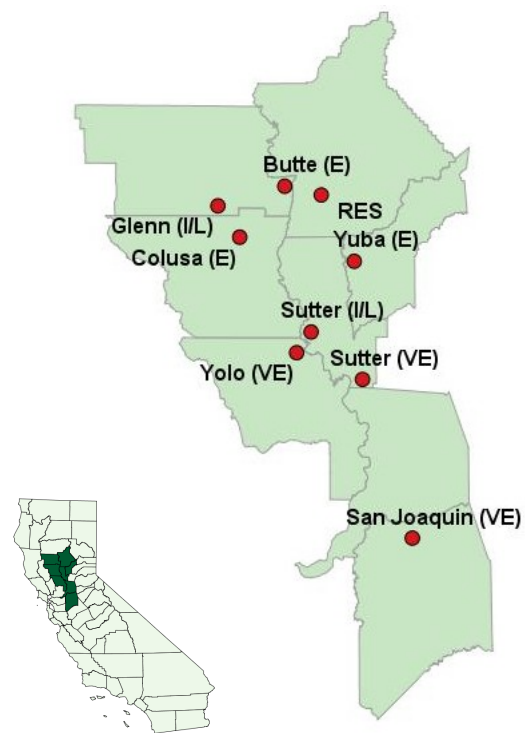
*Luis Espino, UCCE*

Once again, the season is upon us. The water situation is still uncertain, but looks like we are heading for a difficult year. Let's hope things change and we get a good amount of rain during what's left of the winter.

In this newsletter I'm including a summary of the 2013 Statewide Variety Trials. The trials are a cooperative effort between the 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 2013 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 ft<sup>2</sup>. Grain moisture was assessed at harvest. Yields are expressed in lbs/acre at 14% grain moisture.

The complete results of the 2013 Statewide Variety Trials, including preliminary and advanced lines, are available at the UC Rice



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

Project Website:  
(<http://ucanr.edu/sites/UCRiceProject/>). On the left menu, click on Research and then Agronomy Progress Reports.

All the best this season!

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

Butte County (RES): Planting date: 06/02, harvest date: 10/04

Year	M-104	M-105	M-202	M-206	Calmochi		
					101	S-102	L-206
2009	7180	-	8080	8940	7640	8230	9710
2010	-	-	10470	11290	9470	9380	10200
2011	-	-	-	-	-	-	-
2012	10260	-	10050	10420	8500	9370	10020
<b>2013</b>	<b>9710</b>	<b>9150</b>	<b>8380</b>	<b>8610</b>	<b>8580</b>	<b>9120</b>	<b>9970</b>
<b>Average</b>	<b>9050</b>	<b>9150</b>	<b>9245</b>	<b>9815</b>	<b>8548</b>	<b>9025</b>	<b>9975</b>

Sutter County: Planting date: 05/18, harvest date: 10/15

Year	M-104	M-105	M-202	M-206	Calmochi		
					101	S-102	L-206
2009	10040	-	9070	9390	7870	8480	10160
2010	8270	-	6520	7890	9500	9360	8050
2011	-	-	-	-	-	-	-
2012	8990	-	8810	9320	7500	8470	9570
<b>2013</b>	<b>9510</b>	<b>9940</b>	<b>9990</b>	<b>9710</b>	<b>8340</b>	<b>9300</b>	<b>9700</b>
<b>Average</b>	<b>9203</b>	<b>9940</b>	<b>8598</b>	<b>9078</b>	<b>8303</b>	<b>8903</b>	<b>9370</b>

Yolo County: Planting date: 05/08, harvest date: 10/02

Year	M-104	M-105	M-202	M-206	Calmochi		
					101	S-102	L-206
2009	11770	-	11400	12570	10760	11930	10880
2010	8050	-	7890	8210	7190	7520	8230
2011	10020	-	9590	10230	9320	9050	9490
2012	9610	-	8930	9900	7450	8400	9060
<b>2013</b>	<b>9420</b>	<b>9670</b>	<b>9260</b>	<b>9790</b>	<b>7830</b>	<b>8380</b>	<b>9000</b>
<b>Average</b>	<b>9774</b>	<b>9670</b>	<b>9414</b>	<b>10140</b>	<b>8510</b>	<b>9056</b>	<b>9332</b>

San Joaquin County (drill-seeded trial): Planting date: 05/05, harvest date: 10/17

Year	M-104	M-105	M-202	M-206	Calmochi		
					101	S-102	L-206
2009	8530	-	8720	8440	7650	7480	8120
2010	8360	-	7760	7560	8070	7950	8170
2011	8800	-	9090	9330	7850	7760	8340
2012	8460	-	7490	8990	7880	8180	7570
<b>2013</b>	<b>8140</b>	<b>8220</b>	<b>8140</b>	<b>8410</b>	<b>7680</b>	<b>7960</b>	<b>8180</b>
<b>Average</b>	<b>8458</b>	<b>8220</b>	<b>8240</b>	<b>8546</b>	<b>7826</b>	<b>7866</b>	<b>8076</b>

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

Butte County (RES): Planting date: 06/02, Harvest date: 10/05

Year	Calhikari				Calmati			
	201	S-102	M-202	M-105	M-205	M-206	202	L-206
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
<b>2013</b>	<b>8490</b>	<b>8640</b>	<b>7640</b>	<b>7820</b>	<b>9230</b>	<b>8160</b>	<b>5700</b>	<b>8420</b>
<b>Average</b>	<b>8972</b>	<b>9494</b>	<b>9244</b>	<b>9556</b>	<b>10118</b>	<b>9652</b>	<b>7096</b>	<b>10176</b>

Butte County: Planting date: 05/07, harvest date: 09/27

Year	Calhikari				Calmati			
	201	S-102	M-202	M-105	M-205	M-206	202	L-206
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
<b>2013</b>	<b>7840</b>	<b>8650</b>	<b>7870</b>	<b>9640</b>	<b>8960</b>	<b>9020</b>	<b>6450</b>	<b>9390</b>
<b>Average</b>	<b>8114</b>	<b>8056</b>	<b>8516</b>	<b>9092</b>	<b>9040</b>	<b>8678</b>	<b>7386</b>	<b>9222</b>

Colusa County: Planting date: 05/13, harvest date: 10/09

Year	Calhikari					Calmati		
	201	S-102	M-202	M-105	M-205	M-206	202	L-206
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
<b>2013</b>	<b>7840</b>	<b>7220</b>	<b>9140</b>	<b>9750</b>	<b>8930</b>	<b>9660</b>	<b>5970</b>	<b>10250</b>
<b>Average</b>	<b>7634</b>	<b>8084</b>	<b>9318</b>	<b>9152</b>	<b>9738</b>	<b>9732</b>	<b>5344</b>	<b>9670</b>

Yuba County: Planting date: 05/09, harvest date: 10/04

Year	Calhikari					Calmati		
	201	S-102	M-202	M-105	M-205	M-206	202	L-206
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
<b>2013</b>	<b>8040</b>	<b>9280</b>	<b>8950</b>	<b>9330</b>	<b>9650</b>	<b>9750</b>	<b>5750</b>	<b>9590</b>
<b>Average</b>	<b>7430</b>	<b>8790</b>	<b>9126</b>	<b>9168</b>	<b>9330</b>	<b>9608</b>	<b>5756</b>	<b>9414</b>

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

Butte County (RES): Planting date: 06/04, harvest date: 10/09

Year	M-205	M-402	M-202	M-206	L-206
2009	9290	9110	8300	-	9950
2010	11030	8240	10430	-	11610
2011	10270	9200	9160	-	9990
2012	11210	10260	11090	-	11180
<b>2013</b>	<b>9730</b>	<b>9830</b>	<b>8700</b>	<b>9570</b>	<b>9460</b>
<b>Average</b>	<b>10306</b>	<b>9328</b>	<b>9536</b>	<b>9570</b>	<b>10438</b>

Glenn County: Planting date: 04/26, harvest date: 10/14

Year	M-205	M-402	M-202	M-206	L-206
2009	10120	10610	9230	-	10440
2010	9210	9360	7970	-	8340
2011	9550	9820	9030	-	8900
2012	8220	8260	7660	-	7680
<b>2013</b>	<b>8400</b>	<b>8970</b>	<b>8270</b>	<b>9390</b>	<b>8870</b>
<b>Average</b>	<b>9100</b>	<b>9404</b>	<b>8432</b>	<b>9390</b>	<b>8846</b>

Sutter County: Planting date: 05/04, harvest date: 09/24

Year	M-205	M-402	M-202	M-206	L-206
2009	8180	8010	7080	-	7470
2010	9190	9300	10500	-	9390
2011	9310	8000	9010	-	9780
2012	9630	9040	9690	-	9890
<b>2013</b>	<b>8540</b>	<b>6900</b>	<b>7890</b>	<b>8820</b>	<b>8720</b>
<b>Average</b>	<b>8970</b>	<b>8250</b>	<b>8834</b>	<b>8820</b>	<b>9050</b>

Newsletter produced by:  
Luis Espino  
Rice Farm Advisor  
University of California  
Cooperative Extension  
Colusa, Glenn and Yolo Counties  
530.458.0578  
laespino@ucdavis.edu  
<http://cecolusa.ucdavis.edu/rice>  
<http://ucanr.edu/sites/UCRiceProject/>  
<http://ucanr.org/blogs/riceblog/>

*It is the policy of the University of California (UC) and the UC Division of Agriculture & Natural Resources not to engage in discrimination against or harassment of any person in any of its programs or activities (Complete nondiscrimination policy statement can be found at <http://ucanr.edu/sites/anrstaff/files/169224.pdf>)*  
*Inquires regarding ANR's nondiscrimination policies may be directed to Linda Marie Manton, Affirmative Action Contact, University of California, Davis, Agriculture and Natural Resources, 2801 Second Street, Davis, CA 95618, (530) 750-1318.*  
*To simplify information, trade names of products have been used. No endorsement of named products is intended, nor is criticism implied of similar products which are not mentioned.*

**COOPERATIVE EXTENSION  
University of California  
P.O. Box 180  
Colusa, CA 95932**

**Non-Profit Org.  
U.S. POSTAGE  
PAID  
Colusa, CA  
95932  
Permit No. 3**

**Rice Briefs**