



RICE



BRIEFS

March 2008

In this issue...

- **2007 variety trials results**

2007 Variety Trials Results

Every year variety trials are established throughout California's rice producing areas. These trials are evaluated by Rice Experiment Station (RES) breeders to determine production potential and adaptability of new materials for local conditions, as well as the response of commercial varieties to weather, soil and agronomic practices. Trials are conducted under grower conditions and varieties are grouped by maturity. Maturity groups are classified according to the number of days from planting to 50% heading for a variety grown at the RES (Biggs), and they are very early (<90 days to 50% heading), early (90-97 days to 50% heading) and intermediate/late (>97 days to 50% heading).

Varieties were grown in plots 200 sq ft, planted in commercial fields and managed by cooperating growers in the same manner as the rest of the field. Plots were harvested using a research plot combine, and yields then converted to lbs/acre at 14% moisture. Tables 1, 2 and 3 show 2007 grain yields for Yolo, Colusa and Glenn Counties. Figs. 1, 2 and 3 present the average grain yield for the last five years of trials per location.

The 2007 rice growing season was a relatively good one in California, allowing for high rice yields and good quality. This is also reflected in the results of the variety trials. Yields were high for many varieties. To have a better idea of how a variety will perform in your area during an average year, compare the 2007 yield with the five year average presented in the figures. Also, remember that the trials are conducted in small areas; therefore, yields are a relative indication on how a variety will perform under commercial conditions.

Table 1. Grain yield (lbs/acre at 14% moisture), Yolo Co. 2007 trials.

Planting date	M-104	M-202	M-206	Calmochi 101	S-102	L-205
May 12	7510	7220	7350	7500	7140	7010

Table 2. Grain yield (lbs/acre at 14% moisture), Colusa Co. 2007 trials.

Planting date	Calhikari 201	M-202	M-205	M-206	Calmati 201	L-205
May 7	8270	9030	9630	9960	7190	8770

Table 3. Grain yield (lbs/acre at 14% moisture), Glenn Co. 2007 trials.

Planting date	M-205	M-402	M-202	L-205
April 19	10400	9080	9110	9150

Fig. 1. Average grain yield (lbs/acre at 14% moisture), Yolo Co. 2003-2007 trials.

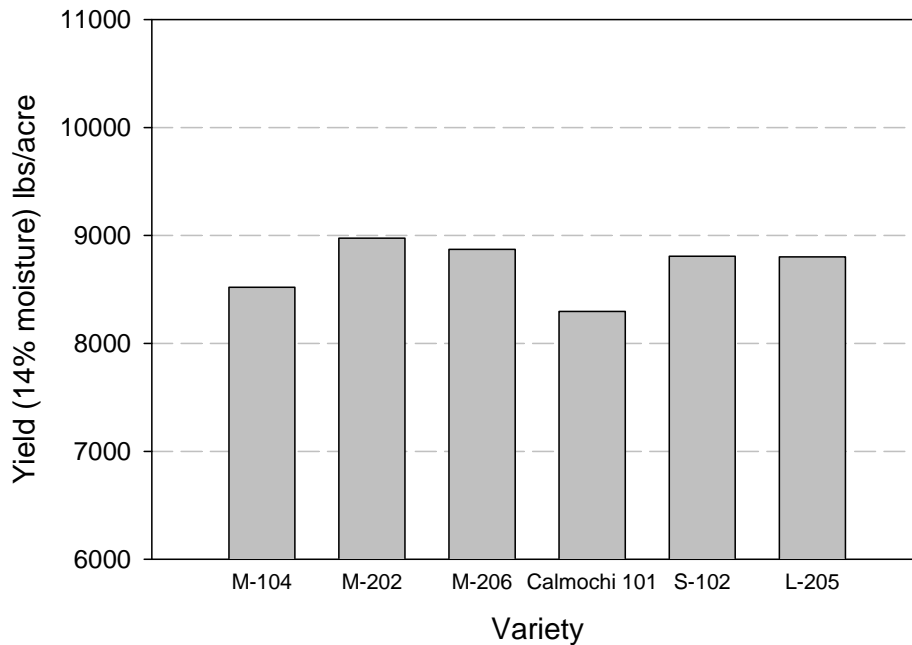


Fig. 2. Average grain yield (lbs/acre at 14% moisture), Colusa Co. 2003-2007 trials.

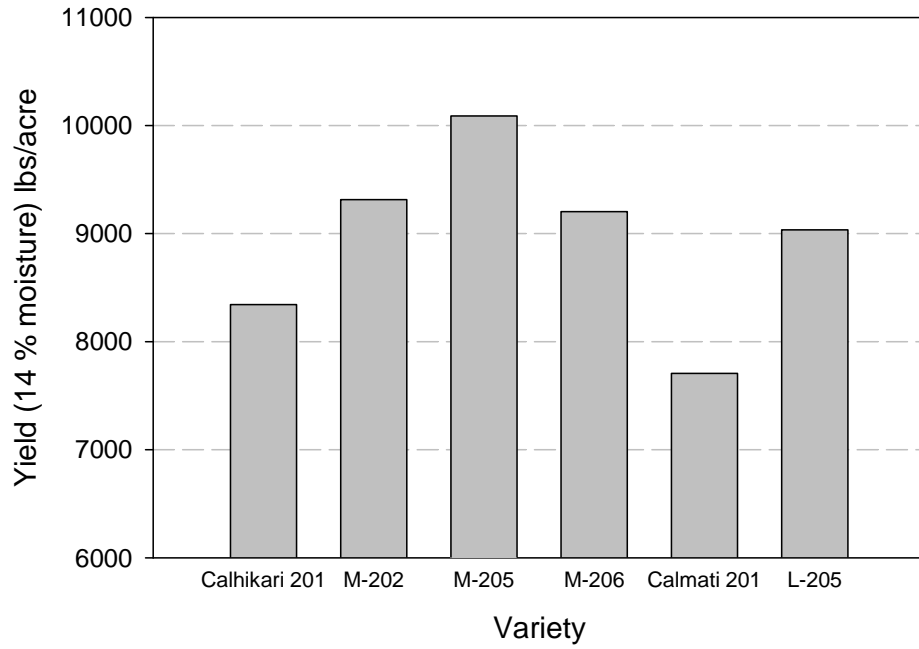
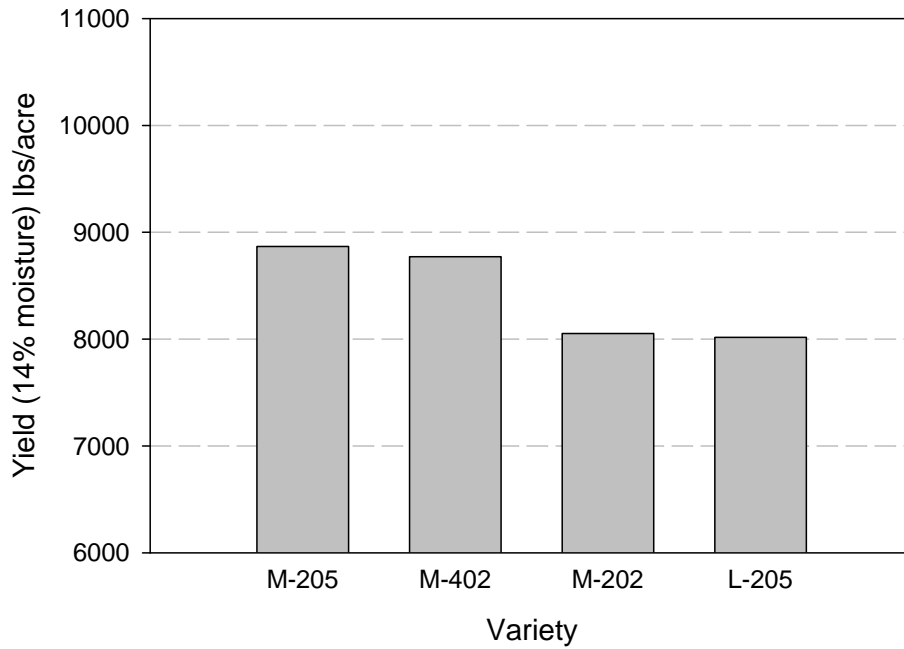


Fig. 3. Average grain yield (lbs/acre at 14% moisture), Glenn Co. 2003-2007 trials.





This newsletter is produced by:

Luis Espino

Farm Advisor

P.O. Box 180
100 Sunrise Blvd., Suite E
Colusa, CA 95932
(530) 458-0570
(530) 635-6234
Email: laespino@ucdavis.edu



To simplify information, tradenames of products have been used. No endorsements of named products is intended, nor is criticism of similar products which are not mentioned.

The University of California prohibits discrimination or harassment of any person on the basis of race, color, national origin, religion, sex, gender identity, pregnancy (including childbirth, and medical conditions related to pregnancy or childbirth), physical or mental disability, medical condition (cancer-related or genetic characteristics), ancestry, marital status, age, sexual orientation, citizenship, or status as a covered veteran (covered veterans are special disabled veterans, recently separated veterans, Vietnam era veterans, or any other veterans who served on active duty during a war or in a campaign or expedition for which a campaign badge has been authorized) in any of its programs or activities. University policy is intended to be consistent with the provisions of applicable State and Federal laws. Inquiries regarding the University's nondiscrimination policies may be directed to the Affirmative Action/Staff Personnel Services Director, University of California, Agriculture and Natural Resources, 300 Lakeside Drive, 6th Floor, Oakland, CA 94612-3550, (510) 987-0096.

Co-operative Extension Work in Agriculture and Home Economics U.S. Department of Agriculture, University of California, and County of Colusa co-operating.

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