

**COOPERATIVE EXTENSION
UNIVERSITY OF CALIFORNIA**

DAVIS, CALIFORNIA 95616

REPLY TO: Pomology Department

November 18, 1986

To: WALNUT RESEARCH CONFERENCE PARTICIPANTS

David
From: David E. Ramos
Extension Pomologist

Re: Call for Walnut Research Proposals and Reports.

December 15 is the deadline for both project proposals and research reports for walnuts.

Proposals requesting financial support from the Walnut Marketing Board for Fiscal 1987-88 must be submitted on the standard U.C. Project Plan/Research Grant Proposal form and mailed to David Ramos, Liaison Officer. The form must be signed by the Department Chair (Program Director for Cooperative Extension). Specific suggestions that should be considered in writing the proposal are enclosed. A copy of the Walnut Workgroup's needs assessment and research priorities is available on request.

Research reports should conform to the enclosed instructions and be mailed directly to Gary Obenauf. A listing of currently funded research projects for which reports are expected is included. Reports of non-industry funded research are encouraged and should also be mailed to Gary Obenauf.

Principal investigators are expected to make a 10-minute oral presentation of their proposal/report at the 19th Annual Walnut Research Conference, which will be held on Tuesday, Wednesday and Thursday, January 27, 28 and 29, in Monterey. Additional information about the conference and final programming will be sent out later by Bill Coates, Planning Committee Chairperson.

DER:ss

Enclosures

cc: William Allen	Gary Obenauf
Charles Hess	Jim Seiber
Jim Lyons	Seymour Van Gundy
Jim Meyers	

INSTRUCTIONS FOR PREPARATION OF PRUNE,
RAISIN OR WALNUT RESEARCH PROPOSAL

1. Use U.C. Research Proposal Form even if not U.C. employee. Enter NOT APPLICABLE (NA) if non-U.C. employee when appropriate.
 2. Additional information you must add to your proposal:
 - A. Objectives:
 1. For the growing season research will be conducted.
 2. Long term, if different from #1 and project will continue for more than a year.
 - B. Plans and Procedure: Be specific enough to discuss plot design, anticipated statistical analysis, parameters of data collection, and etc.
 - C. Progress Report (not on form): If proposal is a continuation of a current project, include a summary of the progress made to date with emphasis on the past season (about a page would be appropriate).
 - D. Reporting (include under Plans and Procedures): Briefly explain how you plan to get the results of the project to the intended user (growers, farm advisors, researchers, etc.)
- Budget: List the years the project is expected to continue with the estimated total budget for each of these years. (Normal budget breakdown is required only for the current year of the proposal). List source and amount of support you are or hope to get for this project in addition to amount requested on this proposal (you may also give estimated contribution of your institution).

INSTRUCTIONS FOR PREPARATION OF WALNUT RESEARCH REPORT

The research report will be reproduced photographically as submitted in an annual report - "Walnut Research Results for X Year". The report will be available to researchers or anyone else upon request. It is important for you to adhere to the following format:

1. Use elite size type, if possible.
2. Leave at least a one-inch margin on both sides, top and bottom of the page.
3. Type title in capitals, skip two spaces, then type author's name(s) in lower case. Do not include department affiliation, location, etc., of author(s).
4. The research report should include, in addition to title and author(s): abstract, objective, procedure, results and conclusions and budget summary.
5. Start text of report three spaces below author's name(s) without indenting. Each of the four sections should be preceded by the section in capitals at left margin, i.e., abstract, objective, etc. Skip one space between section heading and text for that section and also one space between end of section text and next section heading.
6. Single space text.
7. Skip one space between paragraphs.
8. Abstract - Do not exceed one-half page in length, including the title and no more than 250 words.
9. Where possible, use wording that growers can easily understand, especially in abstract.
10. Use any tables, graphs or charts necessary. Be sure to leave a one-inch margin on all four sides.
11. References are not required but you may include them if you desire.

INSTRUCTIONS FOR WALNUT RESEARCH REPORT
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12. Budget Summary (will not be included in the published report).
 - A. Section should include a simple breakdown of expenditures on the project: salaries, supplies and equipment and travel.
 - B. If you have money left over from the project, please indicate how the money will be used, i.e., on continuation of this project or on a new project.
13. Submit only the original copy and do not fold when mailing.
14. Mail research report to Gary L. Obenauf, P. O. Box 5335, Fresno, California 93755-5335.

WALNUT MARKETING BOARD

RESEARCH PROJECTS

<u>Project Number</u>	<u>Project/Title Leader</u>	<u>Annual WMB Support</u>		
		<u>1984/85</u>	<u>1985/86</u>	<u>1986/87 Committee Recommendation</u>
80 WMB 1	Management Systems for High Density Walnut Orchards/Ramos	\$13,200	\$12,100	\$13,492
82 WMB 1	Physiological Efficiency of Normal & High Density Walnut Plantings/Goldhamer	\$ 5,000	\$ 5,000	\$14,300
82WMB 3C	Methyl Bromide Studies/Schwartz	\$16,200	\$11,000	\$ 6,250
83 WMB 1	Evaluation of Walnut Seedlings, Selections, Cultivars and Intro- ductions/McGranahan	\$12,382	\$15,014	\$16,063
83 WMB 2	Walnut Tissue Culture/ McGranahan	\$24,869	\$13,936	\$23,293
83 WMB 4C	Biological Control of Crown Gall Strain Resistant to K-84/ /Schroth	\$ 8,500	\$ 6,000	\$ 3,000
84 WMB 2	Study of Walnut Replant Problem and Efficacious Methods of Control/ McKenry	\$15,670	\$12,670	\$ 8,500
84 WMB 3	Utilization of Fertil- izer Nitrogen by Walnut Trees/Weinbaum	\$12,400	\$ 9,500	\$16,600
84 WMB 5	Analysis of the Survi- val and Reproduction of the Codling Moth in Harvested Walnuts/Vail	\$15,000	\$19,500	\$26,000
84 WMB 6	Factors Affecting Rancidity in Walnuts/ Labavitch	\$30,000	\$30,360	\$14,060

Walnut Marketing Board
Research Projects
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Project Number	Project/Title Leader	Annual WMB Support		
		1984/85	1985/86	1986/87 Committee Recommendation
84 WMB 7	Pistillate Flower Abscission of Walnuts/ Catlin	\$ 4,250	\$ 5,420	\$ 5,724
84 WMB 13	Control of Phytoph- thora Root and Crown Rot in the Field Using Ridomil 2E/Teviotdale	\$ 2,000	-0-	-0-
85 WMB 4	Selecting for Pesticide Resistance in Trioxys Pallidus/Hoy		\$26,273	\$ 29,222
85 WMB 7	Walnut Yield Capacity/ Weinbaum		\$14,650	\$ 14,650
85 WMB 12C	Sealing Storage Facilities for Controlled Atmosphere Fumigation/Thompson		\$ 1,750	-0-
86 WMB 2	Walnut X Wingnut Hybrids/ McGranahan			\$ 5,315
86 WMB 3	Genetic Engineering of Walnuts: Gene Transfer System/Dandekar			\$ 23,600
86 WMB 6C	Carob Moth Sex Pheromone Isolation and Identifi- cation/Baker			\$ 1,000
86 WMB 10	Estimating the Value of Crop Loss in Commercial Walnut Production/Klonsky			\$ 5,702
TOTAL		\$218,941	\$203,172	\$226,771
Terminated Projects		6	2	7
Continuing Projects		10	16	15
New Projects		8	6	4
Total Number Projects		18	22	19