

RESEARCH PROPOSAL

California State University, Fresno
School of Agriculture and Home Economics
Viticulture Research Center
Fresno, CA 93740
209-294-2089

Project leader: Nick K. Dokoozlian

Project title: Roural Grape Analysis - 1983

Submitted to: Rhone-Poulenc, Inc., Agrochemical Division
Charles Melton, P.O. Box 5416, Fresno, CA
May 1983

Objectives: Collect and process fresh and dried fruit samples from Roural treated table, raisin, wine grapes.

Progress and Plans: Roural will be applied to Thompson Seedless (table and raisin), Chenin Blanc (white wine), and Carnelian (red wine) grapes at early to mid-cluster bloom, pre-bunch closing, two weeks prior to and on the day of fruit harvest. The application will be made with an over the row boom style sprayer (inverted "U") at the rate of 50 gallons per acre. An untreated control and Roural at the rate of 1 lb. of active ingredient per acre will serve as treatments for each of the varieties. A completely randomized block design consisting of four, twenty-five vine plots per treatment will be used.

Randomly selected fruit along with juice samples from each of the plots will be frozen at harvest. Thompson Seedless raisins will be naturally sun dried, de-stemmed and processed. Chenin Blanc and Carnelian grapes will be crushed and fermented into wine by normal commercial practices. Fermentation rate and sensory analysis of wines will be presented. In addition to wine samples, wet and dry pommace will be collected for residue analysis.

Budget request:

Salaries-Details:

<u>TOTAL SALARIES</u>	<u>\$2,250.00</u>
<u>EMPLOYEE BENEFITS</u>	<u>340.00</u>
<u>SUPPLIES & EXPENSE</u>	<u>50.00</u>
<u>EQUIPMENT</u>	<u>100.00</u>
<u>TRAVEL</u>	<u>-</u>
<u>OTHER</u>	<u>-</u>
<u>INDIRECT COST</u>	<u>411.00</u>
<u>TOTAL PROJECT COST</u>	<u>\$3,151.00</u>