

Project:	993 Evaluation of Winegrapes Cultivars for Cold and Very Cold Climates of Northeastern California												
Project Leader:	<i>Dan Marcum</i> , Farm Advisor, Shasta-Lassen County, McArthur <i>James A. Wolpert</i> , CE Viticulture Specialist, Viticulture and Enology Dept., UC Davis												
Objective:	The specific objectives of this project are to plant winegrape varieties at IREC and measure critical production parameters in a manner in accordance with NE 1020. Core varieties for national testing for cold and very cold climates are as follows: <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Climate</td> <td style="width: 25%;">Long season</td> <td style="width: 25%;">Short season</td> <td style="width: 25%;">Rootstock</td> </tr> <tr> <td>Cold</td> <td>Chambourcin</td> <td>Vidal blanc</td> <td>Own rooted</td> </tr> <tr> <td>Very Cold</td> <td>Frontenac</td> <td>St Croix</td> <td>Own rooted</td> </tr> </table>	Climate	Long season	Short season	Rootstock	Cold	Chambourcin	Vidal blanc	Own rooted	Very Cold	Frontenac	St Croix	Own rooted
Climate	Long season	Short season	Rootstock										
Cold	Chambourcin	Vidal blanc	Own rooted										
Very Cold	Frontenac	St Croix	Own rooted										

Project:	997 Evaluation of Potential Cellulosic biofuels for the Intermountain Region
Project Leader:	<i>Dan Putnam</i> , Extension Agronomist, Department of Plant Sciences, UC Davis <i>Steve Orloff</i> , County Director/Farm Advisor, Siskiyou County, Yreka <i>Don Lancaster</i> , County Director/Farm Advisor, Modoc County, Alturas
Objective:	While the core of this proposal is focused on switchgrass for cellulosic biofuels, since we have little data on this crop, we will compare this with several perennial and annual species to assess the potential of a range of crops for energy applications. It is important to continually ask the question as to the appropriateness of different feedstocks and their adaptation. Objectives: 1) To assess the adaptation, dry matter yield, and potential energy yield of a range of proposed cellulosic energy crops including switchgrass. 2) To describe differences among switchgrass varieties and their adaptation to the Intermountain region.