

SHORT AND LONG-TERM DELIVERABLES WITH TIMELINE/DETAILS

Quality

Objectives/Strategies	Outcomes	Milestones	Timeline	Point Person (s)	Researchers	Budget	Funding Source	Industry Benefits	Benefits to Public
<p><b>1.1</b> Understand the relationship between the components of grape and grape products and their sensory quality attributes (quality targets).</p> <p><b>1.1.1</b> Using modern analytical and sensory techniques and quantify the sensory, nutritional and chemical components of grapes and grape products that impact key quality attributes, measure grape maturation, predict grape product quality throughout the production process, and discover the mechanisms that control these components</p>	<ul style="list-style-type: none"> <li>Increase funded proposals addressing critical knowledge gaps in analytical and sensory attributes of quality.</li> <li>Provide an information baseline for current knowledge around viticulture influences on red wine phenolic sensory and chemical attributes (literature review).</li> <li>Provide an information baseline for current knowledge around viticultural influences on white wine aroma sensory and chemical</li> </ul>	1. Increase proposals submitted to funding agencies.	6 months	Ed Hellman, Nancy Irelan					
		1. Construct Research Proposal to request funding. 2. Submit proposal by January 31 <sup>st</sup> , 2007. 3. Industry support during proposal review process and funding recommendations.	12 – 18 months	Andy Waterhouse (Lead): Jim Kennedy, Gavin Sacks (Cornell), Mark Mathews, Christa Shelly	Andy Waterhouse (Lead): Jim Kennedy, Harbetson, Sacks, Wample, Lasko, Matthews, Shellie (Parma)	\$25,000	VCW, AVF, CCGP, Wine Business Monthly (Eric Jorgenson)	<ul style="list-style-type: none"> <li>More consistency on analytical and sensory adjectives.</li> <li>More and better focused research projects which optimize quality of research and ultimately,</li> </ul>	
		1. Construct Research Proposal to request funding. 2. Submit proposal by January 31 <sup>st</sup> , 2007	12 – 18 months	Andy Waterhouse (Lead): Tedd Wildman, Ebeler, Terry Acree, Andy Reynolds	Andy Waterhouse (Lead): Jim Kennedy, Harbetson, Ebeler, Acree, Andy Reynolds, Alan	\$25,000	VCW, AVF, CCGP, Wine Business Monthly (Eric Jorgenson)		

Updated: 1/12/07  
Green Shading = Short-term deliverables

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<b>1.1.2</b> Develop and implement a national sensory training network.	attributes (literature review).  <ul style="list-style-type: none"> <li>Develop a national interactive network among academic and industry sensory experts to standardize sensory descriptors of grapes and grape products.</li> <li>Sensory training short courses and seminars; identify panel members to serve on advisory committee.</li> </ul>	3. Industry support during proposal review process and funding recommendations.			Lasko			quality of product.  <ul style="list-style-type: none"> <li>Industry people will have opportunity to obtain sensory training.</li> <li>Researchers will have cost effective alternative for running lab samples.</li> </ul>	
		1. Create standardized sensory descriptors for grape and grape products.	12 – 18 months	Jerry Lohr (Lead): David Hayman, Marcus Keller, Deborah Golino, Alan Lasko, Ed Hellman, Russ Smithyman	Jane Robichaud (Tragon) (Lead): Terry Acree, Carolyn Ross, Hildegard Hayman, Harry Lawless (Cornell)	\$10,000	Industry, IFT		
		2. Create national interactive network. Support network with statistical data.	12 – 18 months	Jerry Lohr (Lead): David Hayman, Marcus Keller, Deborah Golino, Alan Lasko, Ed Hellman, Russ Smithyman					
3. Identify panel members to serve on advisory committee.	6 months	Carolyn Ross							
<b>1.1.3</b> Create a national center (service) for	<ul style="list-style-type: none"> <li>Require research viticulture</li> </ul>								

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chemical testing of grape and grape products that provide a uniform application of analytical methods, data collection and data management.	trials use same sensory language.								
	<ul style="list-style-type: none"> <li>Determine private lab that will offer a group rate for analytical for sensory and evaluations for researchers.</li> <li>Develop service center.</li> </ul>	<ol style="list-style-type: none"> <li>Develop a bid process.</li> <li>Meet with ARS to determine feasibility and funding process.</li> <li>Meet with legislators to assess need.</li> <li>Meet with NCSFR to determine interest in collaborative center.</li> </ol>	<p>6 months</p> <p>5 years</p>	Jerry Lohr		Possible funding through NCSFR			
1.1.4 Determine the mechanisms that control the biochemical synthesis of grape quality components.	TBD								
<b>1.2 To deliver grape and grape products according to specifications (Clean Plant Material).</b>									

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<p><b>1.2.1</b> Establish a national network to provide growers with a broad range of disease-free grape varieties, rootstocks and clonal materials which have been evaluated for regional suitability and quality attributes – Acquisition, Clean-Up, Evaluation.</p>	<ul style="list-style-type: none"> <li>National Clean Plant Network (This is a long-term goal.)</li> <li>NE1020—Facilitate a more nationally organized and cost-efficient approach to western regional viticultural trials (uniform trial design &amp; germplasm controls).</li> <li>Improve grower knowledge of available grapevine sources and information about those sources.</li> </ul>	<ol style="list-style-type: none"> <li>National Meeting organized by CSREES taskforce.</li> <li>Coordinated wine / grape variety evaluations in western US.</li> <li>Coordinated wine / grape variety evaluations in eastern US.</li> <li>National Grape Registry Website.</li> </ol>	<p>Spring 2007</p> <p>Phase I complete, Phase II underway</p>	<p>Tom Bewick</p> <p>Ed Stover</p>	<p>Jim Wolpert (University of California)</p> <p>T Wolf (Virginia Tech)</p>	<p>\$8,832</p> <p>\$30,216</p>	<p>VCW</p> <p>VCE</p>		
	<ul style="list-style-type: none"> <li>Database/Information access to results of variety, clone, and rootstock evaluation.</li> <li>Import new varieties and clones of potentially valuable grape varieties and clones</li> </ul>	<ol style="list-style-type: none"> <li>Website, bibliography, summaries, etc.</li> <li>New selections released from federal quarantine.</li> </ol>	<p>Long-term, continuing.</p> <p>Ongoing – annual releases</p>	<p>NE-1020</p> <p>Deborah Golino</p>					
<p><b>1.2.2</b> Preserve and utilize national grape</p>		<p>Ongoing</p>	<p>TBD</p>						

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germplasm stocks to develop and expand commercial accessions that meet regional industry cost and quality requirements, and eliminate production hurdles relating to pests/diseases and environmental stress.									
<b>1.2.3</b> Understand the effects of viticulture and environmental factors on grape and grape product quality.	<ul style="list-style-type: none"> <li>Assemble committee of research and industry to identify key research priorities.</li> <li>Present a 1-day workshop at Unified to review current knowledge of environmental and viticultural effects on flavors and aromas.</li> </ul>	<ol style="list-style-type: none"> <li>Deliver priority list to NGWI and agencies.</li> <li>Develop and present workshop.</li> </ol>	<p>6 months</p> <p>Jan 2008</p>	<p>Russell Smithyman, M. Keller, A. Lakso</p> <p>Karen Ross</p>				<ul style="list-style-type: none"> <li>Provides direction for research.</li> <li>Update industry and research community.</li> </ul>	
	<ul style="list-style-type: none"> <li>Commission a written review on environmental and viticultural effects on flavors and aromas.</li> </ul>	<ol style="list-style-type: none"> <li>Publish paper in AJEV/PractV&amp;W/, others.</li> </ol>	<p>Jan 2008</p>	<p>TBD (Selected by workshop organizers.)</p>				<ul style="list-style-type: none"> <li>Update industry and research community.</li> </ul>	

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