

## 2019 Technology Research Review

February 12, 2019, Wanapum Dam Visitor's Center

Page No.	Time	Presenter	Project Title	Yrs	2018 Funding		2019 Request
					Cooperator Funding	WTFRC Staff Funding	
		Willett	<b>Introduction</b>				
			<b>Final Reports</b>				
1	9:30	Kalcsits	Calibration development for nutrient analysis using a handheld XRF: <i>a show and tell</i>	16-17	-		0
			<b>Continuing Reports</b>				
13	9:45	Jones	Development and validation of a precision pollination model: <i>No-cost extension</i>	16-18	80,032	24,600	0
21	10:00	Jones	Developing and validating models for tree fruit	17-19	69,032	25,800	99,695
28	10:15	Whiting	Reducing cold damage with cellulose nanocrystals	18-19	50,086		42,650
35	10:30	Kahani	Multi-purpose robotic system for orchards	18-20	248,058		250,780
43	10:45	Karkee	Towards automated canopy management in tree fruit crops	18-19	115,904		80,740
51	11:00	Honaas	Enhancing reference genomes for cross-cultivar functional genomics: <i>No-cost extension</i>	17-18	35,207		0
58	11:15	Good	Development of economical wifi-connected open-source sap flux probes	18-19	42,723		43,597
			<b>Industry Update</b>				
	11:30	Lewis	Automation/mechanization study tour/technology roadmap process				-
	12:00		<b>Committee lunch: Continuing reports discussion</b>				
<b>2018 Funding</b>					<b>563,112</b>	<b>50,400</b>	

**Total New Funding Requests**

0

**Total Continuing Requests**

517,462

**Total 2019 Technology Requests**

**517,462**