

Northwest Cherry Research Review
Red Lion, Pasco
Thursday, 11/9/2017

Page	Time	PI	Project Title	Yrs	2017 Funding				Total Funding	2018 Request
					Cooperator Funding	Internal Collaborative Funding	OSCC	CVRC		
8:00		Willet	Welcome							
Final project reports										
8:10	1	Harper	Finding the Achilles' heel of a new virus infecting stone fruits	15-17	28,131	-	-	-	28,131	-
8:25	9	Probst	Sources of primary cherry powdery mildew inoculum - revisited	16-18	13,780	-	-	-	13,780	-
8:40	18	Grove	PM viability during postharvest handling of cherry fruit	15-16	-	-	-	-	-	-
9:10	31	Beers	Developing a management strategy for little cherry disease	14-16	-	-	-	-	-	-
	43		SCBG report (Written report only)							
9:25	54	Peace	Sweet cherry breeding: identifying genetically superior selections: Final & New Reports	18	112,500			37,500	150,000	150,000
		Peace	WSU cherry breeder search committee progress	17-18	75,000			25,000	100,000	50,000
9:50	74	Pscheidt	Mid-Columbia survey for sweet cherry viruses and vectors: Final & New Reports	18-19	-	-		34,626	34,626	49,106
10:15			Break							
New project proposals										
10:30	90	Choi	Non-nutritive sugar-based control strategy for spotted wing drosophila	18-19	-	-	-	0	0	38,060
10:45	99	Szostek	Enhanced detection of three pathogens of concern to WA growers	18	-	-	-	0	0	39,480
11:00	104	Whiting	Post-bloom thinning	18-19	-	-	0	0	-	41,676
11:15	109	Wright	How do Western X phytoplasma and LChV-2 cause little cherry disease?	18-20	-	-	-	0	0	41,058
11:30	114	Ferguson/ Wright	Native hosts of the Western X phytoplasma	18-19	-	-	-	0	0	38,107
11:45	119	Chiu	Electronic sensors to capture spatiotemporal population density of SWD	18	-	-	-	0	0	31,384
12:00			OSCC/WTFRC/CCB Committees working lunch							
New project proposals (continued)										
1:15		Neven	An in-line box irradiator for quarantine security (Informational presentation)	18						
1:30	128	Rendon	Testing of a 'push-pull' control system for <i>Drosophila suzukii</i> in cherry: Final & New Reports	18	-	-		11,480	11,480	10,680
1:45	140	Rendon	Environmental predictors of <i>D. suzukii</i> abundance in cherry orchards	18-19	-	-	-	-	-	20,305
2:00	148	Matteis	CCB research update: <i>D. suzukii</i> transgenic, population replacement, eradication, suppression	18						125,000
			Break							
Group #			Continuing/short project reports 2:30 - 5:00							
1	168	Probst	ABC of sweet cherry powdery mildew: adaptation, behavior and control	16-18	61,640	-		20,547	82,187	84,435
1	173	Ganjyal	Strategies to reduce postharvest splitting of cherries	16-18	24,889			8,296	33,185	34,753
1	181	Dong	Ensuring long-distance ocean shipping arrival quality of PNW cherries	16-18	11,698			35,096	46,794	48,086
1	188	Schmidt	Cherry MRL: Final Report	17	-			9,000	9,000	-
1		WTFRC	WTFRC technology projects (see reports in Appendix)	17						
1	191	Whiting	Advancing precision pollination systems for yield security: 1-year delay in project initiation	18-20	67,109	-		7,457	74,566	-
2	194	Gibeaut	Predicting flower bud hardiness of commercial sweet cherry cultivars	17-19	41,901	-		41,901	83,802	86,094
2	201	Gibeaut	Preservation and retention of green stems	17-18	7,854	-		7,854	15,708	15,708
2	206	Gibeaut	Model reporting	17-18	-	-		15,708	15,708	31,416
2	210	Gibeaut	Printing of color-maturation profiles for PNW dark-red sweet cherries: Final Report	17	-	-		6,142	6,142	-
2	216	Iezzoni	MSU sweet cherry rootstocks: pre-commercialization	17-19	3,413	49,846		17,753	81,012	82,532
2	224	Peace	Screening for fruit powdery mildew resistance in the breeding program	17-18	17,348	-		-	17,348	40,475
3	232	Hubbard	Managing acclimation, hardiness and bacterial canker: 3rd Year Report	15-17	-	-		44,503	44,503	-
3	239	Beers	Integrated pest management of spotted wing drosophila in sweet cherry	16-18	43,449	-		14,483	57,932	60,064
3	247	Beers	Insecticide resistance of SWD in sweet cherry: 4th Year Report	14-16						
3	255	Choi	Non-toxic RNAi-based insecticide to control SWD	17-19	32,910	-		10,970	43,880	48,260
3	261	Harper	Orchard management practices for <i>Little Cherry Virus 2</i>	17-19	57,512	-		-	57,512	55,716
3	266	Ferguson/ Wright	The hunt for leafhopper vectors of Western X in Washington cherries	16-18	34,603	-		-	34,603	35,499
Poster session 5:15 - 6:15										
6:30 Dinner presentation: Joanna Chiu: Harnessing biotechnology and genomics for SWD management										

Friday, 11/10/17		
8:00		Committee discussion: Project Assessments
		Break
11:00		WTFRC Board meeting/lunch

2017 Total Funding 633,737 58,846 339,316 10,000 1,041,899

2018 Continuing funding requests 673,038
 2018 New project requests 584,856
 2018 Total requests 1,257,894