

APPLE CROP PROTECTION RESEARCH REVIEW
Thursday, January 25, 2018

Time	Page	Presenter	Title	Yrs	2017 Funding		2018 Request
					Cooperator Funding	WTFRC Staff Funding	
8:30		Hanrahan	Introduction				
Final Reports							
8:45	1	Johnson	Improved late- and post-bloom sanitation of fire blight pathogen	16-17	18,462		-
9:00	12	Sibayan	Cold tolerance, diapause, and survival of Brown Marmorated Stink Bugs: 2nd year report	16-17	33,200		-
9:15	23	Crowder	Dynamics of WAA on organic and conventional orchards	14-15	-		-
9:30	31	Zhu	Phenotyping resistance traits of apple rootstock to replant pathogens	16-17	55,000		-
9:45	41	Landolt	Season long protection of apples from CM using karimonal mass trapping	17	29,000		-
10:00	47	Gallardo	Economic impact of apple maggot infestation	16	-		-
	57	Sheppard	Importation of honey bee subspecies that coevolved with apples: Written Report Only	16-17	3,000		
10:15			Break				
New Proposals							
10:30	59	Johnson	Refinement of practical fire blight control: Non-antibiotic and SAR	18-19			39,980
10:45	67	Hopkins	Using cold storage to increase the stability of honey bee supply	18-20			209,822
11:00	74	Amiri	Understand the epidemiology of Botrytis to curb gray mold postharvest	18-20			32,360
11:15	80	Beers	Optimizing sterile insect release of codling moth in Washington	18-20			98,947
11:30	89	Leisso	Characterizing apple scion impact on rootstock soil rhizosphere ecology	18-19			58,672
11:45	99	Zhu	Associating specific apple genes with resistance to root pathogens	18-19			79,000
12:00	109	Khot	Data to model apple airblast spraying drift exposure levels	18-19			96,108
12:15	118	Garczynski	Can we get codling moth females to stop laying eggs on apple?	18-20			56,110
Committee lunch/Research Priorities: 12:30-1:15							
1:15	127	Hanrahan	Food Safety update	<i>Internal</i>		41,880	
1:30		Willett	A mechanistic model to predict spray drift: SCBG & WSU Entomologist position	17	72,000		
1:45	134	Sikdar	Prevalence, biology and management of bull's eye rot in apple: Final Report	14-16	25,000		-
Group Continuing Projects: 2:30 - 4:00							
1	143	Schmidt	Apple pesticide residue studies	<i>Internal</i>			
1	146	Amiri	Rapid lab and field detection of two major apple quarantine pathogens	17-19	35,211		15,429
1	151	DuPont	Implementation of alternative methods to control replant disease	17-19	60,577		34,163
2	157	Shearer	Optimizing control for leafrollers and western tentiform leafminer	17-19	78,428		81,565
2	164	Kostick	Fire blight resistance and fruit quality in new Washington cultivars: 3rd year report	15-17	41,711		-
2	172	Knight	Kairomones for monitoring and control of native and invasive moths: 3rd year report	15-17	65,000		-
3	185	Orpet	Evaluating and improving biological control of WAA	17-19	54,301		85,049
3	192	Beers	Brown marmorated stink bug control in Washington	16-18	90,327		93,668
3	199	Wemmer	Assessment of apple immune responses to wooly apple aphid saliva	16-18	49,079		57,198
4:00			Break				
Meet & Greet with Scientists: 4:30 - 5:30							
Dinner with Committee Voting: 5:30-7:00							

2017 funding

710,296 41,880
752,176

Apple Crop Protection

2018 Continuing funding requests

367,072

2018 New project requests

670,999

2018 Total requests

1,038,071