2016 PNW Cherry Research Priority Summary: OR & WA

	WA	OR	Combined
Number of Respondents	*18*	*13*	*31*
Ranking (3=high, 2=med, 1=low)		**MEAN**	
ISSUE			
Powdery mildew: New chemistries	2.9	2.6	2.8
SWD: Control strategies	2.7	2.5	2.6
Powdery mildew: Inoculum testing & strategic control methods	2.8	2.3	2.6
Powdery mildew: Resistance management	2.6	2.5	2.6
New scion and rootstock cultivars for PNW: regional testing	2.5	2.5	2.5
SWD: Resistance management	2.6	2.4	2.5
SWD: Predicting location and intensity of infestations	2.6	2.2	2.4
Post harvest fruit quality: Novel packaging to improve shipping quality	2.3	2.5	2.4
Soil health & water management: Soil/water/plant interactions, especially N & Ca	2.3	2.4	2.4
Insect pest detection & management: Export issues	2.3	2.3	2.3
Post harvest fruit quality: Minimization of splitting/pitting	2.2	2.4	2.3
Post harvest fruit quality: Impact of heat stress	2.2	2.2	2.2
Scion breeding program: Powdery mildew resistance	2.5	1.9	2.2
AgWeatherNet: bud hardiness	2.1	2.2	2.2
Soil health & water management: Improved tools for vegetative and reproductive growth	2.1	2.2	2.2
Bacterial canker	1.8	2.5	2.2
Post harvest fruit quality: Preservation of green stems	2.0	2.2	2.1
Virus identification and elimination	2.6	1.5	2.1
AgWeatherNet: models and decision assist systems	2.1	1.8	2.0
High density systems and automation	2.2	1.7	2.0
Scion breeding program: Post harvest evaluation	2.1	1.8	2.0
BMSB: Detection and control	2.0	1.8	1.9
Nutritional benefits of fresh and processed products	1.8	2.0	1.9
BMSB: IPM strategies	1.9	1.8	1.9
Crop load management	2.1	1.6	1.9
Post harvest fruit quality: Definition of fruit quality	1.8	1.9	1.9
Rootstock improvement	2.0	1.7	1.9
AgWeatherNet: weather forecasting	1.9	1.7	1.8
Weed control	1.3	1.9	1.6
Brown rot	1.6	1.5	1.6
Bird damage	1.3	1.4	1.4

2016 Cherry Research Priorities - Washington

Number of Respondents	*18*
Ranking (3=high, 2=med, 1=low)	
ISSUE	**Mean**
Powdery mildew: New chemistries	2.9
Powdery mildew: Inoculum testing & strategic control methods	2.8
SWD: Control strategies	2.7
Powdery mildew: Resistance management	2.6
SWD: Predicting location and intensity of infestations	2.6
SWD: Resistance management	2.6
Virus identification and elimination	2.6
New scion and rootstock cultivars for PNW: regional testing	2.5
Scion breeding program: Powdery mildew resistance	2.5
Insect pest detection & management: Export issues	2.3
Post harvest fruit quality: Novel packaging to improve shipping quality	2.3
Soil health & water management: Soil/water/plant interactions, especially N & Ca	2.3
High density systems and automation	2.2
Post harvest fruit quality: Impact of heat stress	2.2
Post harvest fruit quality: Minimization of splitting/pitting	2.2
AgWeatherNet: bud hardiness	2.1
AgWeatherNet: models and decision assist systems	2.1
Crop load management	2.1
Scion breeding program: Post harvest evaluation	2.1
Soil health & water management: Improved tools for vegetative and reproductive growth	2.1
BMSB: Detection and control	2.0
Post harvest fruit quality: Preservation of green stems	2.0
Rootstock improvement	2.0
AgWeatherNet: weather forecasting	1.9
BMSB: IPM strategies	1.9
Bacterial canker	1.8
Nutritional benefits of fresh and processed products	1.8
Post harvest fruit quality: Definition of fruit quality	1.8
Brown rot	1.6
Bird damage	1.3
Weed control	1.3

2016 Cherry Research Priorities - Oregon

Number of Respondents	*13*
Mean Ranking (3=high, 2=med, 1=low)	
Issue	**Mean**
Powdery mildew: New chemistries	2.6
Bacterial canker	2.5
New scion and rootstock cultivars for PNW: regional testing	2.5
Post harvest fruit quality: Novel packaging to improve shipping quality	2.5
Powdery mildew: Resistance management	2.5
SWD: Control strategies	2.5
Post harvest fruit quality: Minimization of splitting/pitting	2.4
Soil health & water management: Soil/water/plant interactions, especially N & Ca	2.4
SWD: Resistance management	2.4
Insect pest detection & management: Export issues	2.3
Powdery mildew: Inoculum testing & strategic control methods	2.3
AgWeatherNet: bud hardiness	2.2
Post harvest fruit quality: Impact of heat stress	2.2
Post harvest fruit quality: Preservation of green stems	2.2
Soil health & water management: Improved tools for vegetative and reproductive growth	2.2
SWD: Predicting location and intensity of infestations	2.2
Nutritional benefits of fresh and processed products	2.0
Post harvest fruit quality: Definition of fruit quality	1.9
Scion breeding program: Powdery mildew resistance	1.9
Weed control	1.9
AgWeatherNet: models and decision assist systems	1.8
BMSB: Detection and control	1.8
BMSB: IPM strategies	1.8
Scion breeding program: Post harvest evaluation	1.8
AgWeatherNet: weather forecasting	1.7
High density systems and automation	1.7
Rootstock improvement	1.7
Crop load management	1.6
Brown rot	1.5
Virus identification and elimination	1.5
Bird damage	1.4