Small Fruit Breeding WSU
Puyallup
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- Washington Strawberry Commission
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- Oregon Raspberry and Blackberry Commission
- Plant Royalties
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Short Day Strawberry Breeding Goals

• Flavor, color, firmness
• High yields
• Disease resistant
• Large, easily harvested fruit
• Processing and/or fresh market outlets.
• Promising selections made in 2014
Day Neutral Strawberry Breeding Goals
- Flavor, color, firmness
- High yields
- Disease resistant
- Large, easily harvested fruit
- Consistent production over the season
Weekly fruit yields of single plants of 5 day-neutral selections during the 2015 harvest season in Puyallup, WA.
Next DN steps

• Selection trials
• Involve fresh market growers
Strawberry Plant Sales
2015 Strawberry Plant Sales

- Albion: 2,750,000
- Tillamook: 2,500,000
- Totem: 1,750,000
- Hood: 1,500,000
- Seascape: 1,250,000
- Shuksan: 1,000,000
- Tristar: 850,000
- P Reliance: 700,000
- Honeoye: 500,000
- Rainier: 500,000
- P Crimson: 250,000
Oregon

Tillamook: 25%
Totem: 15%
Hood: 10%
Albion: 5%

Washington

Albion: 16%
Hood: 14%
Totem: 12%
Tillamook: 10%

British Columbia

Albion: 40%
Rainier: 35%
P Reliance: 30%
Seascape: 25%
PNW Plant Sales

Thank you to:
Lassen Canyon Nursery
Norcal
Nourse Farms
Spooner Farms
Raspberry Breeding Goals
Flavor, Firmness, Color
Machine harvestable
High yield
RBDV resistant
Root Rot tolerant
IQF quality
WSU 1507 = Cascade Harvest
Cascade Dawn x WSU 1145
Cascade Harvest

Machine harvestable
Processing/fresh
High yield
Root rot tolerant
RBDV resistant (common strain)
Good flavor
Light color
WSU 1912
WSU 1020 x Boyne

Machine harvestable
Good flavor
Good fruit quality
Root rot tolerant
Late season

Fall fruit
? Yield

Minaker
WSU 1948
WSU 1369 x WSU 1190

Machine harvestable
Good fruit quality
Late season

? Yield
? Fruit size
? Flavor

Minaker
Possible selections for next grower trial
PNW Plant Sales

Thank you to:
Lassen Canyon Nursery
Norcal
Northwest Plants
North American Plants
Nourse Farms
Spooner Farms