2017 GROWTH STAGES - NW Michigan Horticultural Research Center

Traverse City, MI

Date	Time	Growing Degree Days - Base 42	Bartlett Pear	Potomac Pear	Mac	Gala	Red Delicious	HoneyCrisp	Montmorency	Balaton	Hedelfingen	Gold	Napoleon	Riesling	58.900.12 Plum	Apricot
3/28/17	9:00 AM	42	Dormant	Dormant	Silver Tip	Dormant	Silver Tip	Dormant	Dormant	Dormant	Dormant	Bud Swell	Dormant	Dormant	--	--
4/3/17	12:00 PM	60	Dormant	Dormant	Silver Tip	Dormant	Silver Tip	Dormant	Dormant	Dormant	Dormant	Bud Swell	Dormant	Dormant	--	--
4/10/17	9:00 AM	109	Bud Swell	Bud Swell	Silver Tip	Green Tip	Silver Tip	Ear. Silver Tip	Bud Swell	Ear. Side Green	Side Green	Side Green	Side Green	Scale Crack	--	--
4/17/17	11:00 AM	153	Bud Swell	Late Bud Swell	Green Tip	Green Tip	Green Tip	Green Tip	Side Green	Early Green Tip	Side Green	Green Tip	Side Green	Scale Crack	--	--
4/24/17	9:30 AM	180	Ear. Green Cluster	Ear. Green Cluster	Ear. 1/2" Green	1/2" Green	1/2" Green	1/2" Green	Late Green Tip	Early Bud Burst	Early Bud Burst	Late Green Tip	Early Bud Burst	Scale Crack	--	--
4/25/17	1:00 PM	195	Green Cluster	Green Cluster	Early Tight Cluster	Early Tight Cluster	Early Tight Cluster	Early Tight Cluster	Late Green Tip	Early Bud Burst	Bud Burst	Early Bud Burst	Bud Burst	Scale Crack	--	--
4/26/17	4:00 PM	220	Green Cluster	Green Cluster	Tight Cluster	Tight Cluster	Tight Cluster	Tight Cluster	Early Bud Burst	Bud Burst	White Bud	Bud Burst	White Bud	Scale Crack	--	--
4/27/17	2:00 PM	240	Green Cluster	Green Cluster	Tight Cluster	Tight Cluster	Tight Cluster	Tight Cluster	Early Bud Burst	Bud Burst	First Bloom	Ear. White Bud	First Bloom	Scale Crack	--	--
5/1/17	1:00 PM	252	Green Cluster	Green Cluster	Tight Cluster	Tight Cluster	Tight Cluster	Tight Cluster	Bud Burst	Bud Burst	40% Bloom	Ear. White Bud	70% Bloom	Early Bud Swell	--	--
5/5/17	9:30 AM	271	White Bud	Ear. White Bud	Tight Cluster	Tight Cluster	Early Pink	Early Pink	Ear. White Bud	Ear. White Bud	Full Bloom	First Bloom	Full Bloom	Early Bud Swell	--	--
5/8/17	9:00 AM	279	White Bud	Ear. White Bud	Early Pink	Pink	Pink	Pink	Ear. White Bud	Ear. White Bud	Full Bloom	10% Bloom	Full Bloom	Early Bud Swell	--	--
5/10/17	4:30 PM	295	White Bud	Ear. White Bud	Pink	Pink	Pink	Open Cluster	First Bloom	White Bud	Full Bloom	60% Bloom	Full Bloom	Early Bud Swell	--	--
5/12/17	2:30 PM	320	80% Bloom	White Bud	Open Cluster	Open Cluster	Open Cluster	Open Cluster	80% Bloom	60% Bloom	Ear. Petal Fall	Full Bloom	Ear. Petal Fall	Early Bud Swell	--	--
5/15/17	1:30 PM	352	Full Bloom	Full Bloom	Open Cluster	King Bloom	King Bloom	King Bloom	Full Bloom	Full Bloom	Petal Fall	Ear. Petal Fall	Petal Fall	Early Bud Swell	--	--
5/17/17	1:30 PM	395	Ear. Petal Fall	Ear. Petal Fall	60% Bloom	60% Bloom	80% Bloom	80% Bloom	Ear. Petal Fall	Ear. Petal Fall	Late Petal Fall	Petal Fall	Late Petal Fall	Bud Swell	--	--
5/19/17	1:30 PM	428	Late Petal Fall	Late Petal Fall	Full Bloom	Full Bloom	Full Bloom	Full Bloom	Petal Fall	Petal Fall	Shuck Split	Late Petal Fall	Shuck Split	Bud Burst	--	--
5/22/17	10:00 AM	458	7 mm Fruit	Late Petal Fall	Full Bloom	Ear. Petal Fall	Ear. Petal Fall	Ear. Petal Fall	Late. Petal Fall	Late. Petal Fall	8 mm Fruit	In the Shuck	8 mm Fruit	Bud Burst	--	--
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