2007 GROWTH STAGES - NW Michigan Horticultural Research Station

Traverse City, MI

Date	Time	Growing Degree Days - Base 42	Bartlett Pear	Potomac Pear	Mac	Gala	Red Delicious	Golden Delicious	Montmorency	Balaton	Hedelfingen	Gold	Napoleon	Chardonay	58.900.12 Plum	Apricot
3/27/07	2:00 PM	74	Bud Swell	Bud Swell	Silver Tip	Silver Tip	Silver Tip	Silver Tip	Bud Swell	Bud Swell	Bud Swell	Bud Swell	Bud Swell	Scale Crack	Dormant	Bud Swell
4/2/07	9:30 AM	103	Bud Swell	Bud Swell	Silver Tip	Silver Tip	Silver Tip	Silver Tip	Bud Swell	Bud Swell	Bud Swell	Bud Swell	Bud Swell	Scale Crack	Dormant	Bud Swell
4/9/07	10:00 AM	106	Bud Swell	Bud Swell	Silver Tip	Silver Tip	Silver Tip	Silver Tip	Bud Swell	Bud Swell	Bud Swell	Bud Swell	Bud Swell	Scale Crack	Dormant	Bud Swell
4/17/07	10:00 AM	113	Bud Swell	Bud Swell	Silver Tip	Silver Tip	Silver Tip	Silver Tip	Bud Swell	Bud Swell	Bud Swell	Bud Swell	Bud Swell	Scale Crack	Dormant	Bud Swell
4/20/07	2:00 PM	132	Bud Burst	Bud Burst	Green Tip	Green Tip	Green Tip	Green Tip	Bud Swell	Side Green	Side Green	Side Green	Side Green	Scale Crack	Bud Swell	Bud Burst
4/23/07	9:00 AM	192	Late Bud Burst	Green Cluster	Ear. Tight Cluster	Ear. Tight Cluster	Ear. Tight Cluster	1/2" Green	Green Tip	Ear, Bud Burst	Green Tip	Bud Burst	Bud Burst	Scale Crack	Bud Burst	25% Bloom
4/27/07	11:00 AM	210	Green Cluster	Green Cluster	Tight Cluster	Tight Cluster	Tight Cluster	Tight Cluster	Ear. Bud Burst	Bud Burst	Bud Burst	Ear. Wht. Bud	Ear. Wht. Bud	Scale Crack	Bud Burst	70% Bloom
4/30/07	2:00 PM	250	Late Grn Cluster	White Bud	Tight Cluster	Tight Cluster	Tight Cluster	Tight Cluster	Bud Burst	Late Bud Burst	Bud Burst	Ear. Wht. Bud	10% Bloom	Early Bud Swell	Early Wht. Bud	Petal Fall
5/4/07	2:00 PM	292	White Bud	Popcorn	Early Pink	Lt. Tight Cluster	Lt. Tight Cluster	Tight Cluster	Late Bud Burst	Ear. Wht. Bud	60% Bloom	80 % Bloom	Full Bloom	Early Bud Swell	White Bud	Petal Fall
5/7/07	9:00 AM	330	1st Bloom	90% Bloom	Pink	Tight Cluster	Early Pink	Early Pink	10% Bloom	60% Bloom	Full Bloom	Full Bloom	Early Petal Fall	Late Bud Swell	80% Bloom	In The Shuck
5/8/07	2:00 PM	361	Full Bloom	Early Petal Fall	Pink	Tight Cluster	Pink	Pink	95% Bloom	Full Bloom	Early Petal Fall	Early Petal Fall	Petal Fall	Bud Burst	Early Petal Fall	In The Shuck
5/11/07	4:00 PM	421	Petal Fall	Petal Fall	King Bloom	Ear. King Bloom	King Bloom	King Bloom	Ear. Petal Fall	Ear. Petal Fall	Petal Fall	Late Petal Fall	In The Shuck	Late Bud Burst	Petal Fall	Shuck Split
5/14/07	9:30 AM	448	Petal Fall	8 mm Fruit	85% Bloom	King Bloom	60% Bloom	King Bloom	Petal Fall	Petal Fall	Shuck Split	Shuck Split	Shuck Split	1" - 3" Shoots	Petal Fall	11 mm Fruit
5/21/07	11:00 AM	520	8 mm Fruit	9 mm Fruit	Petal Fall	Petal Fall	Petal Fall	Petal Fall	Ear. Shuck Split	Ear. Shuck Split	8 mm Fruit	9 mm Fruit	9 mm Fruit	1" - 3" Shoots	Petal Fall	17 mm Fruit
5/29/07	8:00 AM	674	9 mm Fruit	14 mm Fruit	9 mm Fruit	6 mm Fruit	8 mm Fruit	6 mm Fruit	11 mm Fruit	11 mm Fruit	11 mm Fruit	11 mm Fruit	11 mm Fruit	10" - 16" Shoots	9 mm Fruit	29 mm Fruit
6/4/07	9:00 AM	872	14 mm Fruit	20 mm Fruit	15 mm Fruit	13 mm Fruit	13 mm Fruit	14 mm Fruit	12 mm Fruit	13 mm Fruit	13 mm Fruit	12 mm Fruit	13 mm Fruit	10" - 16" Shoots	13 mm Fruit	32 mm Fruit
6/11/07	4:30 PM	1020	17 mm Fruit	24 mm Fruit	20 mm Fruit	20 mm Fruit	14 mm Fruit	17 mm Fruit	13 mm Fruit	14 mm Fruit	14 mm Fruit	14 mm Fruit	14 mm Fruit	25" Shoots	19 mm Fruit	33 mm Fruit
6/18/07	11:00 AM	1255	21 mm Fruit	28 mm Fruit	28 mm Fruit	24 mm Fruit	17 mm Fruit	26 mm Fruit	14 mm Fruit	14 mm Fruit	18 mm Fruit	18 mm Fruit	19 mm Fruit	Bloom	22 mm Fruit	36 mm Fruit
6/25/07	9:00 AM	1424	23 mm Fruit	31 mm Fruit	34 mm Fruit	29 mm Fruit	22 mm Fruit	30 mm Fruit	16 mm Fruit	16 mm Fruit	21 mm Fruit	20 mm Fruit	21 mm Fruit	Early Buckshot	23 mm Fruit	38 mm Fruit
7/2/07	8:30 AM	1595	26 mm Fruit	36 mm Fruit	39 mm Fruit	34 mm Fruit	26 mm Fruit	37 mm Fruit	19 mm Fruit	22 mm Fruit	22 mm Fruit	22 mm Fruit	22 mm Fruit	Buckshot Berries	24 mm Fruit	42 mm Fruit
8/6/07	9:00 AM	2600	47 mm Fruit	49 mm Fruit	61 mm Fruit	56 mm Fruit	45 mm Fruit	53 mm Fruit	--	--	--	--	--	Green Fruit	33 mm Fruit	--
8/20/07	4:00 PM	3015	53 mm Fruit	54 mm Fruit	65 mm Fruit	61 mm Fruit	55 mm Fruit	59 mm Fruit	--	--	--	--	--	Green Fruit	35 mm Fruit	--