

# 2016 Hudson Valley Research Lab Scouting Report

NYSAES Entomology Dept., Highland, NY

<u>Date</u>	<u>Baskerville-Emin (BE)</u>		<u># / trap / day (pheromone trap)</u>	<u>Field Observations / Trap Catches / Models</u>
	<u>DD Accumulations (previous day NEWA)</u>	<u>DD Accumulations (previous day NEWA)</u>		
	<b>43 F</b>	<b>50 F</b>		
3/8	89.7	30.7		Beginning degree day accumulations beginning 1 January, 2016 Apple – McIntosh – Dormant
3/14	154.6	68.0	0.0	Spotted Green Fruitworm (SGFW) (0/0) trap set (3/8)
			0.1	Redbanded Leafroller (RBLR) (1/1) trap set (3/8) *1 <sup>st</sup> catch
			0.5	Psylla eggs / bud (27 egg /50 buds / 5 UT Bart. stems)
			0.0	Psylla nymphs / bud ( 0 nym. /50 buds/ 5 UT Bart. stems)
				Apple – McIntosh – Silver Tip
				Apple – Empire, Ginger Gold, Spur Red Delicious – Dormant
				Pear – Bartlett / Bosc – Swollen Bud
			0.19”	Weekly Rainfall
			0.19”	Total Rainfall
3/21	189.9	81.6	0.4	Spotted Green Fruitworm (SGFW) (1/5) trap set *1 <sup>st</sup> catch
			<0.1	Redbanded Leafroller (RBLR) (1/0) trap set
			1.2	Psylla eggs / bud (59 egg /50 buds / 5 UT Bart. stems)
			0.0	Psylla nymphs / bud ( 0 nym. /50 buds/ 5 UT Bart. stems)
				Apple – McIntosh – Green Tip (on 3/17)
				Apple – Empire, Ginger Gold, Spur Red Delicious – Silver Tip
				Pear – Bartlett / Bosc – Swollen Bud
			0.19”	Weekly Rainfall
			0.38”	Total Rainfall
3/28	231.3	99.9	1.0	Spotted Green Fruitworm (SGFW) (1/13)
			3.7	Redbanded Leafroller (RBLR) (31/21)
			1.2	Psylla eggs / bud (71 egg /50 buds / 10 UT Bart. stems)
			0.0	Psylla nymphs / bud ( 0 nym. /50 buds/ 10 UT Bart. stems)
				Apple – McIntosh – Green Tip (on 3/17)
				Apple – Empire, Ginger Gold, Spur Red Delicious – Green Tip
				Pear – Bartlett / Bosc – Swollen Bud
			0.15”	Weekly Rainfall
			0.53”	Total Rainfall

<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
4/4	285.5	128.4	0.0	Spotted Green Fruitworm (SGFW) (0/0)
			0.6	Redbanded Leafroller (RBLR) (1/8)
			5.1	Spotted Tentiform Leafminer (STLM) (23/18) <b>Trap set 4/1</b>
			3.2	Psylla eggs / bud (81 egg / 25 buds / 5 UT Bart. stems)
			0.0	Psylla nymphs / bud ( 0 nym. / 25 buds/ 5 UT Bart. stems)
				Apple – McIntosh – ½ Green
				Apple – Empire, Ginger Gold, Spur Red Delicious – ½ Green
				Pear – Bartlett / Bosc – Bud Burst
			0.29”	Weekly Rainfall
			0.82”	Total Rainfall

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<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
4/11	296.7	131.9	0.1	Spotted Green Fruitworm (SGFW) (0/2)
			1.8	Redbanded Leafroller (RBLR) (15/10)
			0.9	Spotted Tentiform Leafminer (STLM) (1/12)
			8.2	Psylla eggs / bud (206 egg / 25 buds / 5 UT Bart. stems)
			0.1	Psylla nymph / bud (3 nym. / 25 buds/ 5 UT Bart. stems) <b>1<sup>st</sup> obser.</b>
				Apple – McIntosh – Tight Cluster
				Apple – Empire, Ginger Gold, Spur Red Delicious – Tight Cluster
				Pear – Bartlett / Bosc – Green Cluster
				Peach-Early – ½” Green
				Peach-Late – Swollen Bud
			0.36”	Weekly Rainfall
			1.18”	Total Rainfall

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<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
4/18	350.5	157.3	<0.1	Spotted Green Fruitworm (SGFW) (1/0)
			8.4	Redbanded Leafroller (RBLR) (52/65)
			19.5	Spotted Tentiform Leafminer (STLM) (160/113)
			11.9	Psylla eggs / bud (298 egg / 25 buds / 5 UT Bart. stems)
			0.3	Psylla nymph / bud (8 nym. / 25 buds/ 5 UT Bart. stems)
				Apple – McIntosh – Pink
				Apple – Empire, Ginger Gold, Spur Red Delicious – Pink
				Pear – Bartlett / Bosc – White Bud
				Peach-Early – 1/2” Green
				Peach-Late – 1/2” Green
			0.71”	Weekly Rainfall
			1.89”	Total Rainfall
4/22				First Blossom McIntosh
4/25	425.7	204.0	0.2	Spotted Green Fruitworm (SGFW) (2/1)
			21.6	Redbanded Leafroller (RBLR) (132/170)
			96.9	Spotted Tentiform Leafminer (STLM) (564/792)
			16.4	Oriental Fruit Moth (OFM) (97/133)
			13.4	Psylla eggs / bud (53.5 egg / 25 lvs / 5 UT Bart. stems *4 reps)
			1.1	Psylla nymph / bud (4.5nym. / 25 lvs/ 5 UT Bart. stems *4 reps)
				Apple – McIntosh – 80% Bloom
				Apple – Empire - 80% Bloom
				Apple –Ginger Gold - 75% Bloom
				Apple –Golden Delicious - 50% Bloom
				Apple –Spur Red Delicious - 90% Bloom
				Pear – Bartlett / Bosc – Full Bloom
				Peach-Early – Bloom
				Peach-Late – Bloom
			0.07”	Weekly Rainfall
			1.39”	Total Rainfall

<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
5/02	516.9	247.0	<0.1	Spotted Green Fruitworm (SGFW) (1/0)
			4.0	Redbanded Leafroller (RBLR) (27/29)
			12.7	Spotted Tentiform Leafminer (STLM) (87/91)
			0.0	Dogwood Borer (DWB) (0/0)
			1.9	Oriental Fruit Moth (OFM) (11/15)
			0.0	San Jose Scale (SJS) (0/0)
			1.1	Lesser Apple Worm (7/6) <b>First Catch-Trap set 4/26</b>
			0.2	Psylla eggs / bud (5 egg / 25 Leaves / 5 UT Bart. stems)
			1.1	Psylla nymph / bud (28 nym. / 25 Leaves/ 5 UT Bart. stems)
				Apple – McIntosh – Bloom
				Apple – Empire, Ginger Gold, Spur Red Delicious – Bloom
				Pear – Bartlett / Bosc – Petal Fall
				Peach-Early – Petal Fall
				Peach-Late – Petal Fall
			1.54"	Weekly Rainfall
			2.98"	Total Rainfall

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<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
5/09	576.7	264.7	0.1	Spotted Green Fruitworm (SGFW) (1/1)
			2.6	Redbanded Leafroller (RBLR) (5/31)
			7.6	Spotted Tentiform Leafminer (STLM) (36/70)
			0.0	Dogwood Borer (DWB) (0/0)
			2.7	Oriental Fruit Moth (OFM) (12/26)
			0.0	San Jose Scale (SJS) (0/0)
			0.3	Lesser Apple Worm (LAW) (0/4)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			0.84	Psylla eggs / leaf (21 egg / 25 Leaves / 5 UT Bart. stems)
			0.04	Psylla nymph / leaf (1 nym. / 25 Leaves/ 5 UT Bart. stems)
				Apple – McIntosh – 90% Petal Fal
				Apple – Empire, Ginger Gold, Spur Red Delicious –80% Petal Fall
				Pear – Bartlett / Bosc – Fruit Set
				Peach-Early – Petal Fall- Shucks on
				Peach-Late – Petal Fall- Shucks on
			2.24"	Weekly Rainfall
			5.22"	Total Rainfall

<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
5/16	677.9	324.3	0.0	Spotted Green Fruitworm (SGFW) (0/0)
			2.7	Redbanded Leafroller (RBLR) (25/13)
			3.6	Spotted Tentiform Leafminer (STLM) (41/10)
			0.1	Dogwood Borer (DWB) (0/2)
			3.9	Oriental Fruit Moth (OFM) (45/10)
			75.4	San Jose Scale (SJS) (826/201) <b>First Catch</b>
			2.5	Lesser Apple Worm (LAW) (22/13)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			5.2	Psylla eggs / leaf (131 egg / 25 Leaves / 5 UT Bart. stems)
			0.4	Psylla nymph / leaf (9 nym. / 25 Leaves/ 5 UT Bart. stems)
				Apple – McIntosh – Fruit Set
				Apple – Empire, Ginger Gold, Spur Red Delicious –Fruit Set
				Pear – Bartlett / Bosc – Fruit Set
				Peach-Early – Petal Fall- Shucks off
				Peach-Late – Petal Fall- Shucks on
			0.34"	Weekly Rainfall
			5.56"	Total Rainfall

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<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
5/23	787.9	389.5	0.0	Spotted Green Fruitworm (SGFW) (0/0)
			0.4	Redbanded Leafroller (RBLR) (3/3)
			2.5	Spotted Tentiform Leafminer (STLM) (35/0)
			0.0	Dogwood Borer (DWB) (0/0)
			0.6	Oriental Fruit Moth (OFM) (8/1)
			0.3	San Jose Scale (SJS) (3/1)
			0.3	Lesser Apple Worm (LAW) (1/3)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			<0.1	Oblique Banded Leafroller (OBLR) (1/0) ( <b>Trap Set 5/18</b> )
			5.0	Codling Moth (CM) (18/52) ( <b>Trap Set 5/18</b> )
			1.12	Psylla eggs / leaf (28 egg / 25 Leaves / 5 UT Bart. stems)
			2.64	Psylla nymph / leaf (66 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.02	Plum Curculio- Ginger Gold (2 Stings /100 fruit)
			0.08	Plum Curculio- Red Delicious (8 Stings /100 fruit)
				Apple – Red Del – <b>King:</b> 14.5mm <b>Lat:</b> 12mm
				Ginger Gold - <b>King:</b> 14.5 mm <b>Lat:</b> 8.5mm
				Macintosh - <b>King:</b> 17mm <b>Lat:</b> 14.5mm
				Golden Delicious - <b>King:</b> 20mm <b>Lat:</b> 12mm
				Pear – Bartlett - <b>King:</b> 19.5mm <b>Lat:</b> 10.25mm
				Pear – Bosc - <b>King:</b> 17.25mm <b>Lat:</b> 9.25mm
				Peach-Early – Petal Fall- Shucks off
				Peach-Late – Petal Fall- Shucks off
			1.24"	Weekly Rainfall
			6.8"	Total Rainfall

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<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>
5/31			0.0 Spotted Green Fruitworm (SGFW) (0/0)
			0.1 Redbanded Leafroller (RBLR) (0/2)
			0.2 Spotted Tentiform Leafminer (STLM) (3/0)
			0.1 Dogwood Borer (DWB) (1/1)
			<0.1 Oriental Fruit Moth (OFM) (1/0)
			4.6 San Jose Scale (SJS) (56/8)
			0.7 Lesser Apple Worm (LAW) (8/2)
			0.0 Brown Marmorated Stink Bug (BMSB) (0/0)
			0.6 Oblique Banded Leafroller (OBLR) (9/0)
			<b>10.1</b> Codling Moth (CM) (90/52)
			10.1 Psylla eggs / leaf ( 252 / 25 Leaves / 5 UT Bart. stems)
			2.0 Psylla nymph / leaf ( 49 / 25 Leaves/ 5 UT Bart. stems)
			Apple – Red Del – <b>King:</b> 23.61mm <b>Lat:</b> mm
			Ginger Gold - <b>King:</b> 20.33mm <b>Lat:</b> mm
			Macintosh - <b>King:</b> 28.00mm <b>Lat:</b> mm
			Golden Delicious - <b>King:</b> 30.29mm <b>Lat:</b> mm
			2.27 Weekly Rainfall
			9.07 Total Rainfall

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	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
6/6			0.0	Spotted Green Fruitworm (SGFW) (0/0)
			0.0	Redbanded Leafroller (RBLR) (0/0)
			8.6	Spotted Tentiform Leafminer (STLM) (60/-)
			0.3	Dogwood Borer (DWB) (3/1)
			0.1	Oriental Fruit Moth (OFM) (2/0)
			0.0	San Jose Scale (SJS) (0/0)
			0.6	Lesser Apple Worm (LAW) (7/1)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			3.0	Oblique Banded Leafroller (OBLR) (25/17)
			<b>6.4</b>	Codling Moth (CM) (47/42)
			37.8	Psylla eggs / leaf ( 946 egg / 25 Leaves / 5 UT Bart. stems)
			4.2	Psylla nymph / leaf (106 nym. / 25 Leaves/ 5 UT Bart. stems)
			1.53	Weekly Rainfall
			10.6	Total Rainfall

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<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
6/13			<0.1	Redbanded Leafroller (RBLR) (1/0)
			27.4	Spotted Tentiform Leafminer (STLM) (190/2)
			0.1	Dogwood Borer (DWB) (1/1)
			0.0	Oriental Fruit Moth (OFM) (0/0)
			0.0	San Jose Scale (SJS) (0/0)
			0.1	Lesser Apple Worm (LAW) (1/1)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			5.9	Oblique Banded Leafroller (OBLR) (46/37)
			<b>5.1</b>	Codling Moth (CM) (21/50)
			20.5	Psylla eggs / leaf (513 egg / 25 Leaves / 5 UT Bart. stems)
			18.9	Psylla nymph / leaf ( 467 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.46	Weekly Rainfall
			11.06	Total Rainfall

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<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
6/20	1508.6	914.4	0.0	Spotted Green Fruitworm (SGFW) (0/0)
			1.2	Redbanded Leafroller (RBLR) (12/5)
			46.7	Spotted Tentiform Leafminer (STLM) (293/361)
			0.0	Dogwood Borer (DWB) (0/0)
			<0.1	Oriental Fruit Moth (OFM) (1/0)
			<0.1	San Jose Scale (SJS) (0/1)
			1.1	Lesser Apple Worm (LAW) (9/6)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			8.9	Oblique Banded Leafroller (OBLR) (65/60)
			6.9	Codling Moth (CM) (33/64)
			11.2	Psylla eggs / leaf (280 egg / 25 Leaves / 5 UT Bart. stems)
			15.0	Psylla nymph / leaf (375 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.04	Plum Curculio- Ginger Gold (4 Stings /100 fruit)
			0.1	Plum Curculio- Red Delicious (10 Stings /100 fruit)
			0.5	Weekly Rainfall
			11.56	Total Rainfall

<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
6/27	1676.2	1049.6	0.0	Spotted Green Fruitworm (SGFW) (0/0)
			5.6	Redbanded Leafroller (RBLR) (48/30)
			36.5	Spotted Tentiform Leafminer (STLM) (321/190)
			0.2	Dogwood Borer (DWB) (2/1)
			0.5	Oriental Fruit Moth (OFM) (2/5)
			1.4	San Jose Scale (SJS) (9/11)
			3.1	Lesser Apple Worm (LAW) (28/15)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			9.0	Oblique Banded Leafroller (OBLR) (52/74)
			4.5	Codling Moth (CM) (31/32)
			0.8	Psylla eggs / leaf (21 egg / 25 Leaves / 5 UT Bart. stems)
			28.6	Psylla nymph / leaf (714 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.0	Spotted Wing Drosophila (0/0)
			0.06	Plum Curculio- Ginger Gold (6 Stings /100 fruit)
			0.14	Plum Curculio- Red Delicious (14 Stings /100 fruit)
			0.3	Weekly Rainfall
			11.59	Total Rainfall

<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
7/5	1901.8	1219.2	0.0	Spotted Green Fruitworm (SGFW) (0/0)
			6.4	Redbanded Leafroller (RBLR) (44/46)
			30.6	Spotted Tentiform Leafminer (STLM) (301/128)
			1.4	Dogwood Borer (DWB) (11/8)
			0.4	Oriental Fruit Moth (OFM) (4/5)
			0.2	San Jose Scale (SJS) (2/1)
			3.5	Lesser Apple Worm (LAW) (20/30)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			3.1	Oblique Banded Leafroller (OBLR) (26/18)
			1.1	Codling Moth (CM) (9/6)
			0.1	Spotted Wing Drosophila (2/0) (Honeysuckle/Rasp.) <b>First Catch</b>
			0.8	Psylla eggs / leaf (20 egg / 25 Leaves / 5 UT Bart. stems)
			1.6	Psylla nymph / leaf (41 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.09	Plum Curculio- Ginger Gold (9 Stings /100 fruit)
			0.12	Plum Curculio- Red Delicious (12 Stings /100 fruit)
			1.1	Weekly Rainfall
			12.6	Total Rainfall

<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
7/11	2095.7	1371.1	0.0	Spotted Green Fruitworm (SGFW) (0/0)
			3.1	Redbanded Leafroller (RBLR) (16/27)
			17.1	Spotted Tentiform Leafminer (STLM) (92/147)
			0.7	Dogwood Borer (DWB) (3/7)
			1.4	Oriental Fruit Moth (OFM) (14/6)
			0.4	San Jose Scale (SJS) (1/4)
			1.4	Lesser Apple Worm (LAW) (3/17)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			1.6	Oblique Banded Leafroller (OBLR) (14/8)
			4.6	Codling Moth (CM) (27/38)
			0.8	Apple Maggot (AM) (2/2/2/5) First Catch
			0.2	Spotted Wing Drosophila (3/0) (Honeysuckle/Rasp.) <b>Sust. Catch</b>
			0.6	Psylla eggs / leaf (15 egg / 25 Leaves / 5 UT Bart. stems)
			9.0	Psylla nymph / leaf (225 nym. / 25 Leaves/ 5 UT Bart. stems)
			5.0%	Plum Curculio- Ginger Gold (5 Stings /100 fruit)
			2.0%	Plum Curculio- Red Delicious (2 Stings /100 fruit)
			1.09	Weekly Rainfall
			1.83	Monthly Rainfall
			13.78	Total Rainfall

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	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
7/18	2323.8	1550.2	2.1	Redbanded Leafroller (RBLR) (15/14)
			8.6	Spotted Tentiform Leafminer (STLM) (54/67)
			0.8	Dogwood Borer (DWB) (5/6)
			0.5	Oriental Fruit Moth (OFM) (1/6)
			2,240.6	San Jose Scale (SJS) (30,072/1,296)
			0.6	Lesser Apple Worm (LAW) (3/5)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			0.8	Oblique Banded Leafroller (OBLR) (5/6)
			9.9	Codling Moth (CM) (42/96)
			0.2	Spotted Wing Drosophila (3/0) (Honeysuckle/Rasp.) <b>Sust. Catch</b>
			1.2	Apple Maggot (AM) (3/4/0/10)
			0.7	Psylla eggs / leaf (18 egg / 25 Leaves / 5 UT Bart. stems)
			1.0	Psylla nymph / leaf (26 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.00	Weekly Rainfall
			13.78	Total Rainfall
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	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
7/25	2558.6	1736.0	0.5	Redbanded Leafroller (RBLR) (5/2)
			21.6	Spotted Tentiform Leafminer (STLM) (144/158)
			0.4	Dogwood Borer (DWB) (2/3)
			0.2	Oriental Fruit Moth (OFM) (0/3)
			527.2	San Jose Scale (SJS) (6,516/865)
			1.3	Lesser Apple Worm (LAW) (7/11)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			1.4	Oblique Banded Leafroller (OBLR) (12/8)
			7.4	Codling Moth (CM) (13/91)
			4.1	Spotted Wing Drosophila (41/17) (Honeysuckle/Rasp.)
			0.8	Apple Maggot (AM) (7/3/3/18)
			0.6	Psylla eggs / leaf (15 egg / 25 Leaves / 5 UT Bart. stems)
			0.4	Psylla nymph / leaf (11 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.71	Weekly Rainfall
			14.49	Total Rainfall

	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
8/1	2792.1	1920.5	0.9	Redbanded Leafroller (RBLR) (6/6)
			27.1	Spotted Tentiform Leafminer (STLM) (116/148)
			0.9	Dogwood Borer (DWB) (3/10)
			0.9	Oriental Fruit Moth (OFM) (4/9)
			10.0	San Jose Scale (SJS) (69/71)
			1.5	Lesser Apple Worm (LAW) (12/19)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			2.0	Oblique Banded Leafroller (OBLR) (14/14)
			8.7	Codling Moth (CM) (39/83)
			5.8	Spotted Wing Drosophila (79/2) (Honeysuckle/Rasp.)
			3.1	Apple Maggot (AM) (9/11/8/16)
			0.4	Psylla eggs / leaf (10 egg / 25 Leaves / 5 UT Bart. stems)
			0.8	Psylla nymph / leaf (21 nym. / 25 Leaves/ 5 UT Bart. stems)
			2.9	Weekly Rainfall
			17.39	Total Rainfall

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	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>	
8/8	3001.9	2081.3	1.6	Redbanded Leafroller (RBLR) (16/7)
			8.0	Spotted Tentiform Leafminer (STLM) (61/51)
			0.3	Dogwood Borer (DWB) (1/3)
			1.2	Oriental Fruit Moth (OFM) (10/7)
			5.1	San Jose Scale (SJS) (41/30)
			2.1	Lesser Apple Worm (LAW) (23/6)
			0.0	Brown Marmorated Stink Bug (BMSB) (0/0)
			1.7	Oblique Banded Leafroller (OBLR) (15/9)
			5.7	Codling Moth (CM) (24/56)
			3.6	Spotted Wing Drosophila (33/17) (Honeysuckle/Rasp.)
			0.7	Apple Maggot (AM) (4/4/1/11)
			1.2	Psylla eggs / leaf (30 egg / 25 Leaves / 5 UT Bart. stems)
			5.0	Psylla nymph / leaf (125 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.5	Weekly Rainfall
			17.89	Total Rainfall

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	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>
8/15	3250.3	2280.7	5.5 Redbanded Leafroller (RBLR) (41/36)
			10.6 Spotted Tentiform Leafminer (STLM) (87/61)
			1.2 Dogwood Borer (DWB) (9/8)
			2.0 Oriental Fruit Moth (OFM) (11/17)
			1.3 San Jose Scale (SJS) (10/8)
			3.7 Lesser Apple Worm (LAW) (31/21)
			0.0 Brown Marmorated Stink Bug (BMSB) (0/0)
			2.1 Oblique Banded Leafroller (OBLR) (17/12)
			5.9 Codling Moth (CM) (30/53)
			4.2 Spotted Wing Drosophila (41/18) (Honeysuckle/Rasp.)
			2.1 Apple Maggot (AM) (8/15/17/19)
			0.6 Psylla eggs / leaf (16 egg / 25 Leaves / 5 UT Bart. stems)
			0.5 Psylla nymph / leaf (12 nym. / 25 Leaves/ 5 UT Bart. stems)
			1.58 Weekly Rainfall
			19.47 Total Rainfall

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	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>
8/22	3487.4	2468.8	2.6 Redbanded Leafroller (RBLR) (11/25)
			1.8 Spotted Tentiform Leafminer (STLM) (7/19)
			0.6 Dogwood Borer (DWB) (5/4)
			1.2 Oriental Fruit Moth (OFM) (8/9)
			68.8 San Jose Scale (SJS) (391/572)
			2.8 Lesser Apple Worm (LAW) (21/18)
			0.0 Brown Marmorated Stink Bug (BMSB) (0/0)
			1.6 Oblique Banded Leafroller (OBLR) (10/13)
			2.9 Codling Moth (CM) (9/31)
			1.8 Spotted Wing Drosophila (16/9) (Honeysuckle/Rasp.)
			0.7 Apple Maggot (AM) (7/2/4/6)
			<0.01 Psylla eggs / leaf (2 egg / 25 Leaves / 5 UT Bart. stems)
			0.04 Psylla nymph / leaf (15 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.93 Weekly Rainfall
			20.4 Total Rainfall

	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>
8/29	3695.7	2628.1	5.2 Redbanded Leafroller (RBLR) (48/25)
			1.9 Spotted Tentiform Leafminer (STLM) (12/15)
			0.2 Dogwood Borer (DWB) (2/1)
			1.6 Oriental Fruit Moth (OFM) (9/13)
			15.4 San Jose Scale (SJS) (126/89)
			5.2 Lesser Apple Worm (LAW) (50/23)
			0.0 Brown Marmorated Stink Bug (BMSB) (0/0)
			1.6 Oblique Banded Leafroller (OBLR) (14/8)
			1.7 Codling Moth (CM) (5/19)
			4.0 Spotted Wing Drosophila (35/21) (Honeysuckle/Rasp.)
			1.5 Apple Maggot (AM) (6/8/11/7)
			< 0.01 Psylla eggs / leaf (1 egg / 25 Leaves / 5 UT Bart. stems)
			0.5 Psylla nymph / leaf (12 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.0 Weekly Rainfall
			20.4 Total Rainfall

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	<b>43 F</b>	<b>50 F</b>	<b># / trap / day (pheromone trap)</b>
9/06	3917.8	2794.2	4.8 Redbanded Leafroller (RBLR) (46/21)
			5.5 Spotted Tentiform Leafminer (STLM) (21/56)
			0.1 Dogwood Borer (DWB) (1/1)
			2.6 Oriental Fruit Moth (OFM) (15/22)
			10.4 San Jose Scale (SJS) (101/45)
			5.1 Lesser Apple Worm (LAW) (40/31)
			0.0 Brown Marmorated Stink Bug (BMSB) (0/0)
			1.4 Oblique Banded Leafroller (OBLR) (14/6)
			1.9 Codling Moth (CM) (5/22)
			19.7 Spotted Wing Drosophila (235/41) (Honeysuckle/Rasp.)
			1.0 Apple Maggot (AM) (9/8/7/5)
			0.0 Psylla eggs / leaf (0 egg / 25 Leaves / 5 UT Bart. stems)
			< 0.01 Psylla nymph / leaf (1 nym. / 25 Leaves/ 5 UT Bart. stems)
			0.07 Weekly Rainfall
			20.47 Total Rainfall