

2018 Hudson Valley Research Lab Scouting Report

NYSAES Entomology Dept., Highland, NY

<u>Date</u>	<u>Baskerville-Emin (BE)</u>		<u>Field Observations / Trap Catches / Models</u>	
	<u>DD Accumulations (previous day NEWA)</u>			
	43 F	50 F	# / trap / day (pheromone trap)	
3/21	86.8	34.1		Beginning degree day accumulations beginning 1 January, 2018
			0.0	Spotted Green Fruitworm (SGFW) (0/0)
			0.0	Redbanded Leafroller (RBLR) (0/0)
			0.0	Spotted Tentiform Leafminer (STLM) (0/0)
				Codling Moth (CM) (0/0)
			0.0	Psylla eggs / bud (0 egg / 25 buds / 5 UT Bart. stems) Psylla nymph / bud (0 nym. / 25 buds/ 5 UT Bart. stems)
				Apple – McIntosh – Dormant
				Apple – Empire, Ginger Gold, Spur Red Delicious – Dormant
				Pear – Bartlett / Bosc – Dormant
			0.52	Weekly Rainfall
			2.06	Total Rainfall (From 1 March, 2018)

<u>Date</u>	<u>DD Accumulations (previous day NEWA)</u>		<u>Field Observations / Trap Catches / Models</u>	
	43 F	50 F	# / trap / day (pheromone trap)	
3/26	89.4	34.1	0.0	Spotted Green Fruitworm (SGFW) (0/0)
			0.0	Redbanded Leafroller (RBLR) (0/0)
			0.0	Spotted Tentiform Leafminer (STLM) (0/0)
			0.0	Codling Moth (CM) (0/0)
			0.0	Psylla eggs / bud (0 egg / 25 buds / 5 UT Bart. stems) Psylla nymph / bud (0 nym. / 25 buds/ 5 UT Bart. stems)
				Apple – McIntosh – Dormant
				Apple – Empire, Ginger Gold, Spur Red Delicious – Dormant
				Pear – Bartlett / Bosc – Dormant
			0.0	Weekly Rainfall
			2.06	Total Rainfall (From 1 March, 2018)

<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>		
3/28	43 F 91.1	50 F 34.1		Beginning degree day accumulations beginning 1 January, 2018
			0.25	Spotted Green Fruitworm (SGFW) (0/1) First Catch
			0.0	Redbanded Leafroller (RBLR) (0/0)
			0.0	Spotted Tentiform Leafminer (STLM) (0/0)
			0.0	Codling Moth (CM) (0/0)
			0.0	Psylla eggs / bud (0 egg / 25 buds / 5 UT Bart. stems) Psylla nymph / bud (0 nym. / 25 buds/ 5 UT Bart. stems)
				Apple – McIntosh – Dormant
				Apple – Empire, Ginger Gold, Spur Red Delicious – Dormant
				Pear – Bartlett / Bosc – Dormant
			0.07	Weekly Rainfall
			2.59	Total Rainfall (From 1 March, 2018)

<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>		
4/2	43 F 110.8	50 F 37.4		Beginning degree day accumulations beginning 1 January, 2018
			0.2	Spotted Green Fruitworm (SGFW) (0/2)
			0.4	Redbanded Leafroller (RBLR) (3/1) First Catch
			0	Spotted Tentiform Leafminer (STLM) (0/0)
			0	Codling Moth (CM) (0/0)
			0.08	Psylla eggs / bud (2 egg / 25 buds / 5 UT Bart. stems) First Catch Psylla nymph / bud (0 nym. / 25 buds/ 5 UT Bart. stems)
				Apple – McIntosh – Dormant
				Apple – Empire, Ginger Gold, Spur Red Delicious – Dormant
				Pear – Bartlett / Bosc – Dormant
			0.21	Weekly Rainfall
			2.73	Total Rainfall (From 1 March, 2018)

Baskerville-Emin (BE)			
Date	DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	50 F	# / trap / day (pheromone trap)
4/9	116.0	39.0	Beginning degree day accumulations beginning 1 January, 2018
			0.0 Spotted Green Fruitworm (SGFW) (0/0)
			0.0 Redbanded Leafroller (RBLR) (0/0)
			0.0 Spotted Tentiform Leafminer (STLM) (0/0)
			0.0 Codling Moth (CM) (0/0)
			0.0 Brown Marmorated Stink Bug (BMSB)
			0.92 Psylla eggs / bud (23 egg / 25 buds / 5 UT Bart. stems) Psylla nymph / bud (0 nym. / 25 buds/ 5 UT Bart. stems)
			Apple – McIntosh – 48.5% dormant, 49.5% silver tip, 2% green tip
			Pear – Bartlett / Bosc – Dormant
			1.08 Weekly Rainfall
			3.81 Total Rainfall (From 1 March, 2018)
Date	DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	50 F	# / trap / day (pheromone trap)
4/16	145.8	52.4	0.0 Spotted Green Fruitworm (SGFW) (0/0)
			4.0 Redbanded Leafroller (RBLR) (42/14)
			0.0 Spotted Tentiform Leafminer (STLM) (0/0)
			0.0 Codling Moth (CM) (0/0)
			0.0 Brown Marmorated Sitnk Bug (BMSB)
			1.24 Psylla eggs / bud (31 eggs / 25 buds / 5 UT Bart. stems) Psylla nymph / bud (0 nym. / 25 buds/ 5 UT Bart. stems)
			Apple – McIntosh – 33% green tip
			Apple – Ginger Gold – 55.4 green tip
			Apple – Red Delicious – 46.9% green tip
			Apple – Golden Delicious – 15.4% green tip
			Pear – Bartlett – 58% swollen bud
			Pear – Bosc – 10% bud burst
			0.11 Weekly Rainfall
			3.92 Total Rainfall (From 1 March, 2018)

<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>		
	43 F	50 F		
4/23	165.2	59.1		Beginning degree day accumulations beginning 1 January, 2018
			0.08	Spotted Green Fruitworm (SGFW) (1/0)
			1.4	Redbanded Leafroller (RBLR) (15/2) First Sustained Catch
			0.5	Spotted Tentiform Leafminer (STLM) (6/0) First Catch
			0.0	Codling Moth (CM) (0/0)
			0.0	Oriental Fruit Moth (OFM) (0/0)
			0.25	Lesser Apple Worm (LAW) (0/3) First Catch
			0.0	Brown Marmorated Stink Bug (BMSB)
			0.96	Psylla eggs / bud (24 egg / 25 buds / 5 UT Bart. stems) Psylla nymph / bud (0 nym. / 25 buds/ 5 UT Bart. stems)
				Apple – McIntosh – 30% ½” green
				Apple – Ginger Gold – 44.8% ½” green
				Apple – Red Delicious – 31.3% ½” green
				Apple – Golden Delicious – 9.0% ½” green
				Pear – Bartlett – 39.1% bud burst
				Pear – Bosc – 40.7% bud burst
				Peach – Early – 32.4% bud burst
				Peach – Late – 25.4% bud burst
				Cherry – Black Pearl – 100% swollen bud
				Cherry – Regina – 62.4% swollen bud
				Plum-- Stanley – 53.2% swollen bud
			2.22	Weekly Rainfall
			6.14	Total Rainfall (From 1 March, 2018)
	43 F	50 F		
4/26	212.4	83.6		Beginning degree day accumulations beginning 1 January, 2018
			1.16	Psylla eggs / bud (29 egg / 25 buds / 5 UT Bart. stems)
			0.04	Psylla nymph / bud (1 nym. / 25 buds/ 5 UT Bart. stems) First Catcl
			0.62	Weekly Rainfall
			6.76	Total Rainfall (From 1 March, 2018)

<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>		
	43 F	50 F		
4/30	236.6	92.8		Beginning degree day accumulations beginning 1 January, 2018
			0.0	Spotted Green Fruitworm (SGFW) (0/0)
			13.9	Redbanded Leafroller (RBLR) (142/53)
			4.1	Spotted Tentiform Leafminer (STLM) (36/22) First Sustained Catc
			0.0	Codling Moth (CM) (0/0)
			0.0	Oriental Fruit Moth (OFM) (0/0)
			0.6	Lesser Apple Worm (LAW) (8/1) First Sustained Catch
			0.0	Brown Marmorated Stink Bug (BMSB)
			1.76	Psylla eggs / bud (44 egg / 25 buds / 5 UT Bart. stems)
			0.04	Psylla nymph / bud (1 nym. / 25 buds/ 5 UT Bart. stems)
				First sustained nymph count
				Apple – McIntosh – 52% ½” green
				Apple – Ginger Gold – 3% tight cluster
				Apple – Red Delicious – 92% ½” green
				Apple – Golden Delicious – 32% ½” green
				Pear – Bartlett – 4% green cluster
				Pear – Bosc – 30% bud burst
				Peach – Early – 81% ½” green
				Peach – Late – 38% ½” green
				Plum-- Stanley – 87% bud burst
			1.53	Weekly Rainfall
			7.67	Total Rainfall (From 1 March, 2018)
5/2	236.6	92.8		Beginning degree day accumulations beginning 1 January, 2018
			2.0	Brown Marmorated Stink Bug (BMSB) First Trap Catch
			1.66	Weekly Rainfall
			7.67	Total Rainfall (From 1 March, 2018)

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	<u>DD Accumulations (previous day NEWA)</u>	<u>DD Accumulations (previous day NEWA)</u>		
	43 F	50 F		
5/7	389.5	204.1		Beginning degree day accumulations beginning 1 January, 2018
			0.0	Spotted Green Fruitworm (SGFW) (0/0)
			21.9	Redbanded Leafroller (RBLR) (169/138)
			6.0	Spotted Tentiform Leafminer (STLM) (45/40)
			0.0	Codling Moth (CM) (0/0)
			7.4	Oriental Fruit Moth (OFM) (54/50) First Catch
			0.0	Lesser Apple Worm (LAW) (0/0)
			5.25	Brown Marmorated Stink Bug (BMSB) First sustained catch
			1.8	Psylla eggs / bud (45 egg / 25 leaves / 5 UT Bart.)
			0.4	Psylla nymph / bud (9 nym. / 25 leaves/ 5 UT Bart.)
				Apple – McIntosh – 48% bloom
				Apple – Ginger Gold – 42% bloom
				Apple – Red Delicious – 52% bloom
				Apple – Golden Delicious – 22% bloom
				Pear – Bartlett – 99% bloom
				Pear – Bosc – 88% bloom
				Peach – Early – 64% petal fall
				Peach – Late – 33% petal fall
				Sweet Cherry – 91% bloom
				Plum-- Stanley – 96% bloom
			0.43	Weekly Rainfall
			8.1	Total Rainfall (From 1 March, 2018)

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	<u>DD Accumulations (previous day NEWA)</u>	<u>DD Accumulations (previous day NEWA)</u>		
	43 F	50 F		
5/14	495.1	261.8		Beginning degree day accumulations beginning 1 January, 2018
			0.0	Spotted Green Fruitworm (SGFW) (0/0)
			18.9	Redbanded Leafroller (RBLR) (131/133)
			2.4	Spotted Tentiform Leafminer (STLM) (22/12)
			0.07	Codling Moth (CM) (1/0) First Catch
			19.9	Oriental Fruit Moth (OFM) (141/138/) First Sustained Catch
			0.0	Lesser Apple Worm (LAW) (0/0)
			1.6	Brown Marmorated Stink Bug (BMSB) (11)
			0.0	San Jose Scale (SJS)
			0.16	Psylla eggs / bud (4 egg / 25 leaves / 5 UT Bart.)
			0.5	Psylla nymph / bud (13 nym. / 25 leaves/ 5 UT Bart.)
			0.0	Spotted Wing Drosophila (SWD)
				OBLR 0.5% in UT Ginger Gold
				SGFW 0.5% in UT Ginger Gold
				Plum Curculio (PC) 0.5% in UT Ginger Gold Fruitlets
				Tarnished Plant bug (TPB) 0.5% in UT Ginger Gold Fruitlets
				Apple – McIntosh – 3% Fruit Set
				Apple – Ginger Gold – 66% Petal Fall
				Apple – Red Delicious – 43% Petal Fall
				Apple – Golden Delicious – 31% Petal Fall
				Pear – Bartlett – 65% Fruit Set
				Pear – Bosc – 59% Fruit Set
				Peach – Early – 49% Fruit Set, Shucks on
				Peach – Late – 37% Fruit Set, Shucks on
				Sweet Cherry – 8% Fruit Set
				Plum-- Stanley – 77% Petal Fall
			0.84	Weekly Rainfall
			8.94	Total Rainfall (From 1 March, 2018)
5/18	604.7	336.4		Beginning degree day accumulations beginning 1 January, 2018
			30.9	San Jose Scale (SJS) First Trap Catch

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	<u>DD Accumulations (previous day NEWA)</u>	<u>DD Accumulations (previous day NEWA)</u>		
	43 F	50 F		
5/21	635.0	354.1		Beginning degree day accumulations beginning 1 January, 2018
			0.0	Spotted Green Fruitworm (SGFW) (0/0)
			5.8	Redbanded Leafroller (RBLR) (33/48)
			1.5	Spotted Tentiform Leafminer (STLM) (10/11)
			1.6	Codling Moth (CM) (12/11/0) First Sustained Catch
			18.4	Oriental Fruit Moth (OFM) (130/128)
			0.0	Lesser Apple Worm (LAW) (0/0)
			0.85	Brown Marmorated Stink Bug (BMSB) (6)
			31.0	San Jose Scale (SJS) First Sustained Catch
			0.96	Psylla eggs / bud (24 egg / 25 leaves / 5 UT Bart.)
			0.88	Psylla nymph / bud (22 nym. / 25 leaves / 5 UT Bart.)
			0.0	Spotted Wing Drosophila (SWD)
				OBLR 0.0% in UT Ginger Gold
				SGFW 0.0% in UT Ginger Gold
				Plum Curculio (PC) 5.0% in UT Ginger Gold Fruitlets
				Tarnished Plant bug (TPB) 8.0% in UT Ginger Gold Fruitlets
				Apple – McIntosh – 100% Fruit Set
				Apple – Ginger Gold – 92% Fruit Set
				Apple – Red Delicious – 97% Fruit Set
				Apple – Golden Delicious – 90% Fruit Set
				Pear – Bartlett – 100% Fruit Set
				Pear – Bosc – 100% Fruit Set
				Peach – Early – 18% Fruit Set, Shucks off
				Peach – Late – 8% Fruit Set, Shucks off
				Sweet Cherry – 83% Fruit Set
				Plum-- Stanley – 100% Fruit Set
			2.18	Weekly Rainfall
			11.11	Total Rainfall (From 1 March, 2018)

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	<u>DD Accumulations (previous day NEWA)</u>	<u>DD Accumulations (previous day NEWA)</u>		
	43 F	50 F		
5/29	829.8	493.3		Beginning degree day accumulations beginning 1 January, 2018
			0.0	Spotted Green Fruitworm (SGFW) (0/0)
			2.5	Redbanded Leafroller (RBLR) (26/14)
			0.9	Spotted Tentiform Leafminer (STLM) (7/8)
			8.1	Codling Moth (CM) (73/57)
				29 May CM model: 1st CM larval emergence
			9.25	Oriental Fruit Moth (OFM) (62/85)
			0.9	Lesser Apple Worm (LAW) (2/12) First Catch
			1.85	Brown Marmorated Stink Bug (BMSB) (12)
			711.6	San Jose Scale (SJS) (3,336/8,050)
				170 DD 5th June SJS model for 1st gen. crawler emergence
			4.88	Psylla eggs / bud (122 egg / 25 leaves / 5 UT Bart.)
			0.68	Psylla nymph / bud (17 nym. / 25 leaves/ 5 UT Bart.)
			0.0	Spotted Wing Drosophila (SWD) (0/0)
				OBLR 2.0% in UT Ginger Gold
				SGFW 2.0% in UT Ginger Gold
				OFM 6.0% in UT Ginger Gold
				Plum Curculio (PC) 34.0% in UT Ginger Gold Fruitlets
				Tarnished Plant bug (TPB) 17.0% in UT Ginger Gold Fruitlets
				Lepidopteran Feeding 4% in UT Ginger Gold Fruitlets
			0.17	Weekly Rainfall
			11.28	Total Rainfall (From 1 March, 2018)

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	<u>DD Accumulations (previous day NEWA)</u>	<u>DD Accumulations (previous day NEWA)</u>		
	43 F	50 F		
6/4	996.8	618.2		Beginning degree day accumulations beginning 1 January, 2018
Trap Captures (Attractant / Pheromone)				
Apple				
			0.42	Redbanded Leafroller (RBLR) (3/3)
			0.2	Spotted Tentiform Leafminer (STLM) (2/1)
			8.3	Codling Moth (CM) (70/47)
			1.92	Oriental Fruit Moth (OFM) (0/27)
			0.5	Dogwood Borer (DWB) (1/2) First Catch
			0.42	Lesser Apple Worm (LAW) (3/3) First Sustained Catch
			0.42	Brown Marmorated Stink Bug (BMSB) (3)
			2.42	San Jose Scale (SJS) (26/8)
			2.7	Obliquebanded Leafroller (OBLR) (13/3) First Catch
Apple				
			10.4	Psylla eggs / bud (260 egg / 25 leaves / 5 UT Bart.)
			5.76	Psylla nymph / bud (144 nym. / 25 leaves/ 5 UT Bart.)
Cherry, Small Fruit, Alternate Hosts				
			0.0	Spotted Wing Drosophila (SWD) (0/0)
Predictive Modeling				
				357DD CM model: Moth flight peaks & majority of eggs hatch
				357DD PC model: Adult migration ends
				295 DD SJS Model: Today (6/4) SJS model for 1st gen. crawlers emergence (260-360 Base 50)
				No crawler emergence at HVRL on 6/4
Tree Fruit Injury in UTC				
				OBLR 0.0% in UT Ginger Gold
				SGFW 1.8% in UT Ginger Gold
				OFM 41.0% in UT Ginger Gold
				Plum Curculio (PC) 77.0% in UT Ginger Gold Fruitlets
				Tarnished Plant bug (TPB) 39.0% in UT Ginger Gold Fruitlets
				Lepidopteran Feeding 15% in UT Ginger Gold Fruitlets
Rainfall				
			0.76	Weekly Rainfall
			12.05	Total Rainfall (From 1 March, 2018)

<u>Date</u>	Baskerville-Emin (BE)		<u>Field Observations / Trap Catches / Models</u>
	<u>DD Accumulations (previous day NEWA)</u>		
	43 F	50 F	# / trap / day (pheromone trap)
6/11	1137.7	710.0	Beginning degree day accumulations beginning 1 January, 2018
Trap Captures (Attractant / Pheromone)			
Apple			
			0.0 Redbanded Leafroller (RBLR) (0/0)
			0.6 Spotted Tentiform Leafminer (STLM) (0/8/)
			3.8 Codling Moth (CM) (30/23)
			3.4 Oriental Fruit Moth (OFM) (41/6)
			0.2 Dogwood Borer (DWB) (1/2) First Sustained Catch
			0.4 Lesser Apple Worm (LAW) (1/5)
			0.0 Brown Marmorated Stink Bug (BMSB) (0)
			0.0 San Jose Scale (SJS) (0/0)
			31.8 Obliquebanded Leafroller (OBLR) (31/12) First Sustained Catch
Pear			
			9.2 Psylla eggs / bud (230 egg / 25 leaves / 5 UT Bart.)
			8.96 Psylla nymph / bud (224 nym. / 25 leaves/ 5 UT Bart.)
Cherry, Small Fruit, Alternate Hosts			
			0.0 Spotted Wing Drosophila (SWD) (0/0)
Predictive Modeling			
			449 DD CM model: Moth flight peaks & majority of eggs hatch
			449 DD PC model: Adults inactive, PC sprays are no longer necessary
			387 DD SJS Model: 1st generation “white caps”
			Pheromone traps should be in place to record the 2nd adult flight
			No SJS crawler emergence at HVRL on 6/11 AM.
Tree Fruit Injury in UTC			
			OBLR 0.0% in UT Ginger Gold Terminals
			SGFW 0.0% in UT Ginger Gold Terminals
			OFM 22.0% in UT Ginger Gold Terminals
			Aphids 2.0% in UT Ginger Gold Terminals
			Plum Curculio (PC) 79 feeding sites in 100 UT Ginger Gold Fruitlets
			Tarnished Plant bug (TPB) 54 feeding sites in 100 UT GG Fruitlets
			OFM Feeding 10% in UT Ginger Gold Fruitlets
			European Apple Sawfly 1% in UT Ginger Gold Fruitlets
Rainfall			
			0.5 Weekly Rainfall
			12.5 Total Rainfall (From 1 March, 2018)

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	<u>DD Accumulations (previous day NEWA)</u>	<u>DD Accumulations (previous day NEWA)</u>		
	43 F	50 F		
6/18	1310.9	834.2		Beginning degree day accumulations beginning 1 January, 2018
Trap Captures (Attractant / Pheromone)				
Apple				
			0.6	Redbanded Leafroller (RBLR) (6/2)
			5.8	Spotted Tentiform Leafminer (STLM) (61/20)
			5.7	Codling Moth (CM) (49/31)
			0.1	Oriental Fruit Moth (OFM) (0/1)
			0.2	Dogwood Borer (DWB) (2/1)
			0.3	Lesser Apple Worm (LAW) (3/1)
			0.0	Brown Marmorated Stink Bug (BMSB) (0)
			0.0	San Jose Scale (SJS) (na/1)
			6.6	Obliquebanded Leafroller (OBLR) (67/25)
Pear				
			10.0	Psylla eggs / bud (251 egg / 25 leaves / 5 UT Bart.)
			15.3	Psylla nymph / bud (383 nym. / 25 leaves/ 5 UT Bart.)
Cherry, Small Fruit, Alternate Hosts				
			0.0	Spotted Wing Drosophila (SWD) (0/0)
Predictive Modeling				
				573 DD CM model: Moth flight peaks & majority of eggs hatch
				573 DD PC model: Adults inactive, PC sprays are no longer necessary
				511 DD SJS Model: 1st generation “white caps”
				Pheromone traps should be in place to record the 2nd adult flight
				FIRST SJS crawler emergence at HVRL on 6/16 on Red Delicious and Ginger Gold.
Tree Fruit Injury in UTC				
				OBLR 18.0% in UT Ginger Gold Terminals
				SGFW 0.0% in UT Ginger Gold Terminals
				OFM 24.0% in UT Ginger Gold Terminals
				Aphids 2.0% in UT Ginger Gold Terminals
				Plum Curculio (PC) 129 feeding sites in 100 UT GG Fruitlets
				Tarnished Plant bug (TPB) 56 feeding sites in 100 UT GG Fruitlets
				OFM Feeding 13 feeding sites in 100 UT GG Fruitlets
				European Apple Sawfly 3 feeding sites in 100 UT GG Fruitlets
				Codling Moth 8 feeding sites in 100 UT GG Fruitlets
Rainfall				
			0.02	Weekly Rainfall
			12.52	Total Rainfall (From 1 March, 2018)

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	<u>DD Accumulations (previous day NEWA)</u>	<u>DD Accumulations (previous day NEWA)</u>		
	43 F	50 F		
7/2	1718.4	1143.8		Beginning degree day accumulations beginning 1 January, 2018
Trap Captures (Attractant / Pheromone)				
Apple				
			4.4	Redbanded Leafroller (RBLR) (13/49)
			12.7	Spotted Tentiform Leafminer (STLM) (97/81)
			1.9	Codling Moth (CM) (17/10)
			0.0	Oriental Fruit Moth (OFM) (0/0)
			0.1	Dogwood Borer (DWB) (1/0)
			0.1	Lesser Apple Worm (LAW) (0/1)
			0.0	Brown Marmorated Stink Bug (BMSB) (0)
			0.0	San Jose Scale (SJS) (0/0)
			2.4	Obliquebanded Leafroller (OBLR) (9/25)
			1.7	Tufted Apple Budmoth (TABM) (10/14) First Sustained Catch
			1.6	Sparganothis (SPAR) (11/11) First Sustained Catch
			1.4	Apple Maggot (AM) (2/3/0/2) First Catch
Pear				
			2.0	Psylla eggs / bud (50 egg / 25 leaves / 5 UT Bart.)
			6.9	Psylla nymph / bud (172 nym. / 25 leaves/ 5 UT Bart.)
Cherry, Small Fruit, Alternate Hosts				
			0.0	Spotted Wing Drosophila (SWD) (0/0)
Predictive Modeling				
				882 DD CM model: 2nd generation of moths emerge
				821 DD SJS Model: 2nd generation adults emerge
				2nd generation crawler emergence on 16th June
				722 DD OBLR model: Larvae damaging fruit
				Fruit damage present
Tree Fruit Injury in UTC				
				OBLR 14.0% in UT Ginger Gold Terminals
				SGFW 0.0% in UT Ginger Gold Terminals
				OFM 20.0% in UT Ginger Gold Terminals
				Aphids 0.0% in UT Ginger Gold Terminals
				Plum Curculio (PC) 77 feeding sites in 100 UT GG Fruitlets
				Tarnished Plant Bug (TPB) 14 feeding sites in 100 UT GG Fruitlets
				OFM 16 feeding sites in 100 UT GG Fruitlets
				European Apple Sawfly 4 feeding sites in 100 UT GG Fruitlets
				Codling Moth 31 feeding sites in 100 UT GG Fruitlets
				OBLR 19 feeding site in 100 UT GG Fruitlets
Rainfall				
			1.66	Weekly Rainfall
			14.5	Total Rainfall (From 1 March, 2018)

