

2014 Hudson Valley Lab Scouting Report
NYSAES Entomology Dept., Highland, NY

<u>Date</u>	Baskerville-Emin (BE)		Field Observations / Trap Catches / Models	
	DD Accumulations (previous day NEWA)			
	43 F	50 F	# / trap / day (pheromone trap)	
3/1	16.7	0.0		Beginning degree day accumulations beginning 1 Jan. 2013
3/3				Apple – McIntosh – Dormant
3/10				Apple – McIntosh – Dormant
3/17				Apple – McIntosh – Dormant
3/24	38.4	8.2		Apple – McIntosh – Dormant
3/31				Spotted Green Fruitworm (SGFW) trap set (3/31/14)
				Apple – McIntosh – Dormant
				Apple – Empire, Ginger Gold, Spur Red Delicious – Dormant
				Pear – Bartlett / Bosc – Dormant
	40.6	8.2	2.10"	Weekly Rainfall
			3.12"	Total Rainfall
4/4			0.0	Psylla eggs / bud (0 egg / 100 buds / 8 trees)
			0.6	Spotted Green Fruitworm (SGFW) (2/4)
			0.0	Red Banded Leafroller (RBLR) (0 / 0)
				Apple – McIntosh – Dormant
				Apple – Empire, Ginger Gold, Spur Red Delicious – Dormant
				Pear – Bartlett / Bosc – Dormant
	62.4	15.8		Weekly Rainfall
				Total Rainfall
4/7			<0.1	Psylla eggs / bud (4 egg / 100 buds / 8 trees)
			0.4	Spotted Green Fruitworm (SGFW) (4/1)
			0.0	Red Banded Leafroller (RBLR) (0/0)
				Spotted Tentiform Leafminer (STLM) (Set 4/7)
				Spotted Wing Drosophila (SWD) (Set 4/7)
				Apple – McIntosh – Dormant
				Apple – Empire, Ginger Gold, Spur Red Delicious – Dormant
				Pear – Bartlett / Bosc – Dormant
	70.3	18.1	0.25"	Weekly Rainfall
			3.37"	Total Rainfall

<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)	
4/14	147.1	60.5		Highland
	133.7	55.5		Hudson
	131.6	50.9		Marlboro
			0.4	Psylla eggs / bud (44 egg / 100 buds / 8 trees)
			0.6	Spotted Green Fruitworm (SGFW) (1/7)
			0.6	Red Banded Leafroller (RBLR) (7/1) First Flt.
			0.0	Spotted Tentiform Leafminer (STLM) (0/0)
			0.0	Spotted Wing Drosophila (SWD) (0)
			0.0	Brown Marmorated Stink Bug (BMSB) First Flt. (flight to deciduous trees Obser)
				Apple – McIntosh – Green Tip
				Apple – Empire, Ginger Gold, Spur Red Delicious – GT
				Pear – Bartlett / Bosc – Green Tip
			0.6”	Weekly Rainfall
			0.85”	Total Rainfall for April
			3.97”	Total Rainfall
4/15				Apple – McIntosh – ½” green
				Apple – Empire - ½” green
				Apple – Ginger Gold- ½” green
				Apple – Spur Red Delicious – ½” green
				Pear – Bartlett – Swollen Bud
				Pear – Bosc - Swollen Bud
				Pear – Early Oriental (Hosui) – Bud Burst
				Stanley plum – Swollen Bud
				Apricot – Early – 50% Bloom
				Cherry – Early (Danube) – 10% Bud Burst
				Cherry – Late – (Regina) Swollen Bud
				Early Peach – green tip
				Late Peach – green tip
			0.4	Psylla eggs / cluster (1441 egg /100 buds / 5 UT Bart. stems)
			0.0	Psylla nymphs / cluster (0 nym. /100 buds/ 5 UT Bart. stems)
			0.0	Oriental Fruit Moth (OFM) (0 / 0)
			2.6	Red Banded Leafroller (RBLR) (15 / 27)
			1.2	Spotted Green Fruitworm (SGFW) (8 / 9)
			0.0	Spotted Tentiform Leafminer (STLM) (0 / 0)
	191.1	85.8		Highland
	179.5	83.2		Hudson
	172.4	73.9		Marlboro
			1.36”	Weekly Rainfall (HVL)
			2.21 “	Total Rainfall for April (HVL)
			5.33”	Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)

<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)
4/28			Apple – McIntosh – Tight Cluster Apple – Empire – Tight Cluster Apple – Ginger Gold- Early Tight Cluster Apple – Spur Red Delicious – Late Tight Cluster Pear – Bartlett – Green Cluster Pear – Bosc – Early Green Cluster Pear – Early Oriental (Hosui) – White Bud Stanley plum – Green Cluster Apricot – Early – Late Full Bloom Cherry – Early (Danube) – White Bud, first blossom Cherry – Late – (Regina) – Bud Burst Early Peach – Pink, first Blossom Late Peach – pink 5.0 Psylla eggs / cluster (502 egg /100 buds / 5 UT Bart. stems) 0.0 Psylla nymphs / cluster (0 nym. /100 buds/ 5 UT Bart. stems) 0.0 Oriental Fruit Moth (OFM) (0 / 0) 16.1 Red Banded Leafroller (RBLR) (111 / 114) 0.5 Spotted Green Fruitworm (SGFW) (1 / 6) 4.5 Spotted Tentiform Leafminer (STLM) (36 / 27) 0.0 Spotted Wing Drosophila (SWD) (0) 260.5 Highland 251.9 Hudson 240.2 Marlboro 0.86 Weekly Rainfall (HVL) 3.07” Total Rainfall for April (HVL) 6.19 Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)			
<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)
5/5			Apple – McIntosh – Early Pink Apple – Empire - Early Pink Apple – Ginger Gold- Early Pink Apple – Spur Red Delicious – Early Pink Pear – Bartlett – Early White Pear – Bosc - Early White Pear – Early Oriental (Hosui) – 50% Bloom Stanley plum – Swollen Bud Apricot – Early – Petal Fall Cherry – Early (Danube) – 50% Bloom Cherry – Late – (Regina) Bud Burst Early Peach –50% Bloom Late Peach –10% Bloom 3.2 Psylla eggs / cluster (322 egg /100 buds / 5 UT Bart. stems) 0.7 Psylla nymphs / cluster (66 nym. /100 buds/ 5 UT Bart. stems) 1.1 Oriental Fruit Moth (OFM) (12 / 4) 18.9 Red Banded Leafroller (RBLR) (80 / 105) 0.1 Spotted Green Fruitworm (SGFW) (1 / 0) 12.3 Spotted Tentiform Leafminer (STLM) (95 / 137) 0.0 Spotted Wing Drosophila (SWD) (0) *set LAW, CM, VLR, TBM 338.4 158.6 Highland 308.1 149.4 Hudson 306.8 138.1 Marlboro 2.38 Weekly Rainfall (HVL) 0.39” Total Rainfall for May (HVL) 8.57 Total Rainfall from 1 March (HVL)

<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)	
5/12			Apple – Ginger Gold- Full Bloom Apple – McIntosh – Full Bloom Apple – Golden Delicious – Full Bloom Apple – Spur Red Delicious – Full Bloom Pear – Bartlett – Full Bloom Pear – Bosc – Full Bloom Pear – Early Oriental (Hosui) – Early Petal Fall Stanley plum – Petal Fall Apricot – Early – Fruit Set, Shuck off Apricot – Late – Fruit Set, Shuck on Cherry – Early (Danube) – Petal Fall Cherry – Late – (Regina) – full bloom Early Peach –Petal Fall Late Peach – Early Petal Fall	
			0.8	Psylla eggs / cluster (83 egg /100 buds / 5 UT Bart. stems)
			0.5	Psylla nymphs /cluster (52 nym. /100 buds/ 5 UT Bart. stems)
			12.6	Oriental Fruit Moth (OFM) (124 / 53)
			15.8	Red Banded Leafroller (RBLR) (104 / 118)
			0.0	Spotted Green Fruitworm (SGFW) (0 / 0)
			30.0	Spotted Tentiform Leafminer (STLM) (210 / 209)
			0.0	Spotted Wing Drosophila (SWD) (0, 0 ,0 ,0)
			1.0	Lesser Apple Worm (LAW) (12 / 2) First Capture
			0.0	Codling Moth (CM) (0 / 0)
			0.0	Variegated Leafroller (VLR) (0 / 0)
			0.0	Tufted Apple Bud Moth (TBM) (0 / 0)
			1.0	Brown Marmorated SB (BMSB) (1 m, 6 f) First Capture
	460.8	234.3		Highland
	433.3	223.1		Hudson
	415.5	201.9		Marlboro
			0.93	Weekly Rainfall (HVL)
			1.32	Total Rainfall for May (HVL)
			9.89	Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)

<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)
5/19			Apple – Ginger Gold- Petal Fall Apple – McIntosh – Petal Fall Apple – Golden Delicious – Petal Fall Apple – Spur Red Delicious – Petal Fall Pear – Bartlett – Petal Fall Pear – Bosc – Petal Fall Pear – Early Oriental (Hosui) –Petal Fall Stanley plum – Petal Fall Apricot – Early – Fruit Set, Shuck on Apricot – Late – Fruit Set, Shuck on Cherry – Early (Danube) – Petal Fall Cherry – Late – (Regina) – Petal Fall Early Peach –Petal Fall Late Peach –Petal Fall 3.06 Psylla eggs / cluster (153 egg / 50 Leaves / 10 UT Bart. stems) 1.32 Psylla nymphs /cluster (66 nym. /50 Leaves/ 10 UT Bart. stems) 3.9 Oriental Fruit Moth (OFM) (30/ 24) 5.6 Red Banded Leafroller (RBLR) (31 / 48) 0.0 Spotted Green Fruitworm (SGFW) (0 / 0) 10.2 Spotted Tentiform Leafminer (STLM) (85 / 58) 0.0 Spotted Wing Drosophila (SWD) (0, 0 ,0 ,0) 0.8 Lesser Apple Worm (LAW) (6/ 5) 1.0 Codling Moth (CM) (10 / 4) First Capture 0.2 Variegated Leafroller (VLR) (0 / 3) First Capture 0.0 Tufted Apple Bud Moth (TBM) (0 / 0) 0.0 Brown Marmorated SB (BMSB) (0 m, 0 f) 594.9 321.5 Highland 569.8 313.1 Hudson 540.3 279.3 Marlboro 0.31 Weekly Rainfall (HVL) 1.63 Total Rainfall for May (HVL) 10.2 Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)

<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)

5/27

Apple – Ginger Gold- Fruit Set
 Apple – McIntosh – Fruit Set
 Apple – Golden Delicious – Fruit Set
 Apple – Spur Red Delicious – Fruit Set
 Pear – Bartlett – Fruit Set
 Pear – Bosc – Fruit Set
 Pear – Early Oriental (Hosui) –Fruit Set
 Stanley plum – Fruit Set
 Apricot – Early – Fruit Set
 Apricot – Late – Fruit Set
 Cherry – Early (Danube) – Fruit Set
 Cherry – Late – (Regina) – Petal Fall
 Early Peach –Fruit Set
 Late Peach Fruit Set

(OFM- DD 281 base 45F (aprox 4/10/14): Moths are still flying and about 50-60% of OFM eggs from the first generation have hatched.

(CM-) Moths flying and first eggs laid) First eggs laid DD 50 Base 50F, eggs hatch around 220 DD (aprox 5/12/14).

0.92 Psylla eggs / cluster (46 egg / 50 Leaves / 10 UT Bart. stems)
 2.24 Psylla nymphs /cluster (112 nym. /50 Leaves/ 10 UT Bart. stems)

7.8 Oriental Fruit Moth (OFM) (99/11)
 2.9 Red Banded Leafroller (RBLR) (20 / 21)
 0.0 Spotted Green Fruitworm (SGFW) (0 / 0)
 5.6 Spotted Tentiform Leafminer (STLM) (48 / 30)
 0.0 Spotted Wing Drosophila (SWD) (0, 0 ,0 ,0)
 1.6 Lesser Apple Worm (LAW) (12 / 10)
 1.0 Codling Moth (CM) (48 / 16)
 0.2 Variegated Leafroller (VLR) (1 / 1)
 0.1 Tufted Apple Bud Moth (TBM) (1 / 1)
 0.1 Brown Marmorated SB (BMSB) (2 m, 1 f)

748.0	421.3
720.2	411.1
690.4	376.5

Highland
 Hudson
 Marlboro

1.27 Weekly Rainfall (HVL)
 2.80 Total Rainfall for May (HVL)
 11.47 Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)

<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)

6/2

Apple – Ginger Gold-	22 mm KF
Apple – McIntosh –	18 mm KF
Apple – Golden Delicious –	20 mm KF
Apple – Spur Red Delicious –	16 mm KF
Pear – Bartlett –	17 mm KF
Pear – Bosc –	14 mm KF
Pear – Early Oriental (Hosui) –	20 mm KF
Stanley plum –	15 mm KF
Apricot – Early –	25.4 mm KF
Apricot – Late –	14 mm KF
Cherry – Early (Danube) –	15.5 mm KF
Cherry – Late – (Regina) –	14 mm KF
Early Peach –	16 mm KF
Late Peach-	15 mm KF

1.52	Psylla eggs / cluster (76 egg / 50 Leaves / 10 UT Bart. stems)
2.32	Psylla nymphs /cluster (116 nym. /50 Leaves/ 10 UT Bart. stems)

4.1	Oriental Fruit Moth (OFM) (52/5)
0.6	Red Banded Leafroller (RBLR) (3 / 5)
0.0	Spotted Green Fruitworm (SGFW) (0 / 0)
1.8	Spotted Tentiform Leafminer (STLM) (12 / 13)
0.0	Spotted Wing Drosophila (SWD) (0, 0 ,0 ,0)
1.3	Lesser Apple Worm (LAW) (2 / 16)
2.8	Codling Moth (CM) (32 / 8)
1.1	Variegated Leafroller (VLR) (2 / 13)
1.2	Tufted Apple Bud Moth (TBM) (6 / 11)
0.1	Brown Marmorated SB (BMSB) (1 m, 1 f)
0.0	Spargnothus Fruitworm Moth (SFM) (0 / 0)

868.2	500.4	Highland
837.3	489.3	Hudson
808.4	453.9	Marlboro

0.7	Weekly Rainfall (HVL)
2.87	Total Rainfall for May (HVL)
12.17	Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)

Date **DD Accumulations (previous day NEWA)** **Field Observations / Trap Catches / Models**

43 F 50 F # / trap / day (pheromone trap)

6/9

Apple – Ginger Gold-	34 mm KF
Apple – McIntosh –	27 mm KF
Apple – Golden Delicious –	29 mm KF
Apple – Spur Red Delicious –	24 mm KF
Pear – Bartlett –	23 mm KF
Pear – Bosc –	20 mm KF
Pear – Early Oriental (Hosui) –	25 mm KF
Stanley plum –	25 mm KF
Apricot – Early –	25.4 mm KF
Apricot – Late –	40 mm KF
Cherry – Early (Danube) –	24 mm KF
Cherry – Late – (Regina) –	20 mm KF
Early Peach –	35 mm KF
Late Peach-	30 mm KF

(OFM)-The first flight of moths is diminishing and the start of the second flight of OFM is expected at 701-1100 degree days.

(CM)- Adult flights are relatively heavy during this period and the majority of eggs are likely to hatch, so control is critical at this time.

2.12 Psylla eggs / cluster (106 egg / 50 Leaves / 10 UT Bart. stems)

0.44 Psylla nymphs /cluster (22 nym. /50 Leaves/ 10 UT Bart. stems)

1.9 Oriental Fruit Moth (OFM) (25/2)

0.0 Red Banded Leafroller (RBLR) (0 / 0)

0.0 Spotted Green Fruitworm (SGFW) (0 / 0)

0.9 Spotted Tentiform Leafminer (STLM) (9 / 3)

0.0 Spotted Wing Drosophila (SWD) (0, 0 ,0 ,0)

0.3 Lesser Apple Worm (LAW) (0 / 4)

3.5 Codling Moth (CM) (27 / 22)

3.9 Variegated Leafroller (VLR) (17 / 37)

1.6 Tufted Apple Bud Moth (TBM) (22 / 0)

0.4 Brown Marmorated SB (BMSB) (1 m, 2 f)

0.1 Spargnothus Fruitworm Moth (SFM) (0 / 2) **First Capture**

1043.5 626.7

1024.2 627.2

979.3 575.8

Highland

Hudson

Marlboro

0.69 Weekly Rainfall (HVL)

0.69 Total Rainfall for June (HVL)

12.86 Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)

<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)

6/16

(OFM)- The first flight of moths is diminishing and the start of the second flight of OFM is expected at 701-1100 degree days.

(OBLR)- First hatch of summer OBLR eggs. Adult catches in pheromone traps are near peak numbers.

(CM)- Adult flights are relatively heavy during this period and the majority of eggs are likely to hatch, so control is critical at this time

3.56 Psylla eggs / cluster (178 egg / 50 Leaves / 10 UT Bart. stems)

4.42 Psylla nymphs /cluster (221 nym. /50 Leaves/ 10 UT Bart. stems)

1.5 Oriental Fruit Moth (OFM) (17/4)

0.0 Red Banded Leafroller (RBLR) (0 / 0)

0.0 Spotted Green Fruitworm (SGFW) (0 / 0)

14.6 Spotted Tentiform Leafminer (STLM) (134 / 70)

0.0 Spotted Wing Drosophila (SWD) (0, 0 ,0 ,0)

0.4 Lesser Apple Worm (LAW) (0 / 5)

1.4 Codling Moth (CM) (11 / 9)

2.5 Variegated Leafroller (VLR) (0 / 35)

1.8 Tufted Apple Bud Moth (TBM) (0 / 25)

0.4 Brown Marmorated SB (BMSB) (1 m, 0 f)

0.9 Spargnothus Fruitworm Moth (SFM) (0 / 12)

1.7 Oblique Banded Leafroller (OBLR) (16/8)

1200.4 734.6

1130.0 677.5

1177.1 731.1

Highland

Hudson

Marlboro

1.41 Weekly Rainfall (HVL)

2.10 Total Rainfall for June (HVL)

14.27 Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)

<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)

6/23

(OFM)- The second flight of OFM usually starts in late June to early July in western NY.

(OBLR)- First hatch of summer OBLR eggs. Adult catches in pheromone traps are near peak numbers.

(CM)- Adult flights are relatively heavy during this period and the majority of eggs are likely to hatch, so control is critical at this time

(STLM)- The second flight of STLM is beginning.

0.22 Psylla eggs / cluster (11 egg / 50 Leaves / 10 UT Bart. stems)

3.22 Psylla nymphs /cluster (161 nym. /50 Leaves/ 10 UT Bart. stems)

2.5 Oriental Fruit Moth (OFM) (33 / 2)

0.6 Red Banded Leafroller (RBLR) (7 / 2)

0.0 Spotted Green Fruitworm (SGFW) (0 / 0)

53.0 Spotted Tentiform Leafminer (STLM) (349 / 393)

0.0 Spotted Wing Drosophila (SWD) (0, 0 ,0 ,0)

1.3 Lesser Apple Worm (LAW) (2 / 16)

3.2 Codling Moth (CM) (23 / 22)

1.2 Variegated Leafroller (VLR) (6 / 11)

4.7 Tufted Apple Bud Moth (TBM) (39 / 27)

0.1 Brown Marmorated SB (BMSB) (1 m, 0 f)

0.1 Spargnothus Fruitworm Moth (SFM) (0 / 2)

5.9 Oblique Banded Leafroller (OBLR) (29 / 53)

1384.3 869.5 Highland

1364.6 869.8 Hudson

1320.6 819.1 Marlboro

0.17 Weekly Rainfall (HVL)

2.27 Total Rainfall for June (HVL)

14.44 Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)

<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)
6/30			<p>(OFM)- The second flight of OFM usually starts in late June to early July in western NY.</p> <p>(OBLR)- Peak egg hatch, approximately 25% of total eggs have hatched by this time.</p> <p>(CM)- Egg hatch of the first generation of CM is almost completed.</p> <p>(STLM)- Eggs from second generation of STLM will begin to hatch when 690 to 840 degree days have accumulated since the second generation flight start.</p>
			0.06 Psylla eggs / cluster (3 egg / 50 Leaves / 10 UT Bart. stems)
			1.24 Psylla nymphs /cluster (62 nym. /50 Leaves/ 10 UT Bart. stems)
			2.7 Oriental Fruit Moth (OFM) (36 / 2)
			5.4 Red Banded Leafroller (RBLR) (25 / 50)
			50.2 Spotted Tentiform Leafminer (STLM) (285 / 418)
			0.0 Spotted Wing Drosophila (SWD) (0, 0 , 0, 0)
			1.4 Lesser Apple Worm (LAW) (2 / 17)
			1.6 Codling Moth (CM) (12 / 10)
			0.6 Variegated Leafroller (VLR) (4 / 5)
			3.7 Tufted Apple Bud Moth (TBM) (30 / 22)
			1.0 Brown Marmorated SB (BMSB) (0 m, 1 f, 6 n (5 2 nd Instar, 1
3 rd))			0.0 Spargnothus Fruitworm Moth (SFM) (0 / 0)
			4.5 Oblique Banded Leafroller (OBLR) (27 / 36)
	1592.4	1028.6	Highland
	1573.3	1029.3	Hudson
	1521.1	970.6	Marlboro
			0.46 Weekly Rainfall (HVL)
			2.73 Total Rainfall for June (HVL)
			14.90 Total Rainfall from 1 March (HVL)

Baskerville-Emin (BE)**Date** **DD Accumulations (previous day NEWA)** **Field Observations / Trap Catches / Models****43 F****50 F****# / trap / day (pheromone trap)**

7/7

(OFM)- The second flight of OFM usually starts in late June to early July in western NY.

(OBLR)- Peak egg hatch, approximately 25% of total eggs have hatched by this time.

(CM)- Egg hatch of the first generation of CM is almost completed.

(STLM)- Eggs from second generation of STLM will begin to hatch when 690 to 840 degree days have accumulated since the second generation flight start.

1.38 Psylla eggs / cluster (69 egg / 50 Leaves / 10 UT Bart. stems)

0.66 Psylla nymphs /cluster (33 nym. /50 Leaves/ 10 UT Bart. stems)

4.1 Oriental Fruit Moth (OFM) (47 / 10)

3.8 Red Banded Leafroller (RBLR) (14 / 39)

62.9 Spotted Tentiform Leafminer (STLM) (382/498)

0.0 Spotted Wing Drosophila (SWD) (0, 0 , 0)

0.5 Lesser Apple Worm (LAW) (0 / 7)

0.4 Codling Moth (CM) (2/4)

0.3 Variegated Leafroller (VLR) (2 /2)

3.1 Tufted Apple Bud Moth (TBM) (22 /21)

1.7 Brown Marmorated Tet (BMSB) (0 m, 1 f, 11n, (11, 2nd Instar))

1.0 Brown Marmorated Light (BMSB) (1 m, 6 f, 0n)

0 Spargnothus Fruitworm Moth (SFM) (0 / 0)

2.9 Oblique Banded Leafroller (OBLR) (13/ 27)

0.04 Apple Maggot (AM) (0/0/0/1)

1800.5 1187.7 Highland

1788.0 1195.0 Hudson

1727.3 1127.8 Marlboro

4.67 Weekly Rainfall (HVL)

4.67 Total Rainfall for July (HVL)

19.57 Total Rainfall from 1 March (HVL)

SWD trap locations: ~~Grapes~~. Peach Tree. Raspberries. Honeysuckle

Baskerville-Emin (BE)

<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)
7/14			
			(OFM)- The peak flight of the second generation of OFM (OBLR)- End of summer generation adult flight. (CM)- Beginning of second generation CM flight. (STLM)- Eggs from second generation of STLM will begin to hatch this week (690 to 840 degree days from start of second generation flight).
			11.8 Psylla eggs / cluster (294 egg / 25 Leaves / 10 UT Bart. stems)
			3.0 Psylla nymphs /cluster (76 nym. / 25 Leaves/ 10 UT Bart. stems)
			2.8 Oriental Fruit Moth (OFM) (34 / 6)
			2.3 Red Banded Leafroller (RBLR) (0 / 32)
			48.9 Spotted Tentiform Leafminer (STLM) (338 / 347)
			0.0 Spotted Wing Drosophila (SWD) (0, 0 , 0, 0)
			0.2 Lesser Apple Worm (LAW) (0 / 3)
			1.1 Codling Moth (CM) (11 / 4)
			0.3 Variegated Leafroller (VLR) (2 / 2)
			0.8 Tufted Apple Bud Moth (TBM) (5 / 6)
			1.3 Brown Marmorated Tettlers trap (BMSB) (0 m, 1 f, 8n, (2- 2 nd 5-3 rd 1- 4th))
			0.7 Brown Marmorated Light (BMSB) (2 m, 3 f, 0n)
			0.1 Spargnothus Fruitworm Moth (SFM) (1 / 1)
			0.4 Oblique Banded Leafroller (OBLR) (2 / 3)
			0.1 Apple Maggot (AM) (0/1/0/1)
	2015.1	1353.3	Highland
	2002.3	1360.3	Hudson
	1943.7	1295.2	Marlboro
			1.99 Weekly Rainfall (HVL)
			6.7 Total Rainfall for July (HVL)
			21.6 Total Rainfall from 1 March (HVL)

SWD trap location: Grape, Peach Tree, Raspberries, Tartarian Honeysuckle (*Lonicera tartarica*)
