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

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

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

Date	DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	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	122.1	Highland
	251.9	119.2	Hudson
	240.2	105.6	Marlboro
			0.86 Weekly Rainfall (HVL)
			3.07" Total Rainfall for April (HVL)
			6.19 Total Rainfall from 1 March (HVL)

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	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)

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA)			Field Observations / Trap Catches / Models
	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)

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

Date	DD Accumulations (previous day NEWA)			Field Observations / Trap Catches / Models
	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		Highland
	720.2	411.1		Hudson
	690.4	376.5		Marlboro
			1.27	Weekly Rainfall (HVL)
			2.80	Total Rainfall for May (HVL)
			11.47	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)**	
6/2				
			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 seond 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		Highland
	1024.2	627.2		Hudson
	979.3	575.8		Marlboro
			0.69	Weekly Rainfall (HVL)
			0.69	Total Rainfall for June (HVL)
			12.86	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)**	
6/16				
				(OFM)- The first flight of moths is diminishing and the start of the seond 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		Highland
	1130.0	677.5		Hudson
	1177.1	731.1		Marlboro
			1.41	Weekly Rainfall (HVL)
			2.10	Total Rainfall for June (HVL)
			14.27	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)**
6/23			
			(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)

Date	DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	**50 F**	**# / trap / day (pheromone trap)**
6/30			
			(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.
			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 2nd Instar, 1 3rd))
			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)

Date	DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	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 Tetters trap (BMSB) (0 m, 1 f, 8n, (2- 2nd 5-3rd 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)*

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	50 F	# / trap / day (pheromone trap)
7/21			
			Degree-Day Development
	2208.3	1497.5	Highland
	2201.2	1510.2	Hudson
	2132.2	1434.7	Marlboro
			(OFM)- The peak flight of the second generation of OFM
			(CM)- Beginning of second generation larva emergence.
			(STLM)- Small sap feeding mines are beginning to appear on the undersides of the terminal leaves. Approximately 10% of eggs laid by the second generation of STLM have hatched.
			Pears
			0.8 Psylla eggs / cluster (21 egg / 25 Leaves / 10 UT Bart. stems)
			0.6 Psylla nymphs /cluster (16 nym. / 25 Leaves/ 10 UT Bart. stems)
			Apple
			0.4 Apple Maggot (AM) (1/4/0/5)
			0.0 Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
			1.6 Brown Marmorated Tetters trap (BMSB) (0 m, 0 f, 11n, (3- 2nd 4-3rd 1- 4th 3- 5th))
			2.5 Codling Moth (CM) (32 / 3)
			0.5 Lesser Apple Worm (LAW) (0 / 7)
			0.0 Obliquebanded Leafroller (OBLR) (0 / 0)
			4.1 Oriental Fruit Moth (OFM) (53 / 4)
			0.4 Red Banded Leafroller (RBLR) (6 / 0)
			0.0 Spargnothus Fruitworm Moth (SFM) (0 / 0)
			11.1 Spotted Tentiform Leafminer (STLM) (81 / 75)
			0.0 Spotted Wing Drosophila (SWD) (0, 0 , 0, 0)
			0.1 Tufted Apple Bud Moth (TBM) (0 / 2)
			0.1 Variegated Leafroller (VLR) (0 /1)
			Rainfall
			1.1 Weekly Rainfall (HVL)
			7.8 Total Rainfall for July (HVL)
			22.7 Total Rainfall from 1 March (HVL)

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

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	**50 F**	**# / trap / day (pheromone trap)**
7/28			
			Degree-Day Development
	2413.2	1653.4	Highland
	2417.1	1677.1	Hudson
	2339.1	1592.6	Marlboro
			(OFM)- The second flight of OFM is diminishing.
			(CM)- The flight of second generation CM usually starts during this time.
			(STLM)- Egg hatch is almost complete and numbers of sap feeding mines will not increase. Number of older tissue feeding mines are increasing and older larvae are beginning to pupate.
			(GBM)- Second generation larvae are protected within berries and completing their development.
			Pears
		0.7	Psylla eggs / cluster (17 egg / 25 Leaves / 10 UT Bart. stems)
		0.5	Psylla nymphs /cluster (12 nym. / 25 Leaves/ 10 UT Bart. stems)
			Apple
		0.5	Apple Maggot (AM) (0/0/13/0)
		0.0	Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
		5.7	Brown Marmorated Tetters trap (BMSB) (0 m, 3 f, 37n, (0- 2nd 8-3rd 18- 4th 11- 5th))
		10.4	Codling Moth (CM) (75 / 71)
		0.8	Lesser Apple Worm (LAW) (0 / 11)
		2.1	Obliquebanded Leafroller (OBLR) (3 / 0)
		2.6	Oriental Fruit Moth (OFM) (31 / 6)
		2.1	Red Banded Leafroller (RBLR) (9 / 21)
		0.0	Spargnothus Fruitworm Moth (SFM) (0 / 0)
		26.9	Spotted Tentiform Leafminer (STLM) (133 / 244)
		0.0	Spotted Wing Drosophila (SWD) (0, 0 , 0, 0)
		0.1	Tufted Apple Bud Moth (TBM) (0 / 2)
		0.4	Variegated Leafroller (VLR) (4 /1)
		0.0	Grape Berry Moth (GBM) (0 / 0)
			Rainfall
		0.51	Weekly Rainfall (HVL)
		8.26	Total Rainfall for July (HVL)
		23.21	Total Rainfall from 1 March (HVL)

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

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	**50 F**	**# / trap / day (pheromone trap)**
8/4			
			Degree-Day Development
	2601.3	1792.5	Highland
	2605.6	1814.3	Hudson
	2523.4	1727.9	Marlboro
			(OFM)- Start of the third flight of OFM. In western NY the third flight of OFM begins in mid to late August.
			(CM)- The flight of second generation CM usually starts during this time.
			(STLM)- Egg hatch is almost complete and numbers of sap feeding mines will not increase. Number of older tissue feeding mines are increasing and older larvae are beginning to pupate.
			(GBM)- Second generation larvae are protected within berries and completing their development.
			Pears
		0.84	Psylla eggs / cluster (21 egg / 25 Leaves / 10 UT Bart. stems)
		0.14	Psylla nymphs /cluster (4 nym. / 25 Leaves/ 10 UT Bart. stems)
			Apple
		0.0	Apple Maggot (AM) (0/0/0/0)
		0.0	Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
		5.7	Brown Marmorated Tetters trap (BMSB) (0 m, 0 f, 7n, (0- 2nd 2-3rd 4- 4th 1- 5th))
		5.6	Codling Moth (CM) (9 / 69)
		0.0	Lesser Apple Worm (LAW) (0 / 0)
		0.0	Obliquebanded Leafroller (OBLR) (0 / 0)
		1.6	Oriental Fruit Moth (OFM) (21 / 2)
		0.0	Red Banded Leafroller (RBLR) (0 / 0)
		0.0	Spargnothus Fruitworm Moth (SFM) (0 / 0)
		52.5	Spotted Tentiform Leafminer (STLM) (269 / 466)
		0.1	Spotted Wing Drosophila (SWD) (0, 2 , 0, 1) **First Capture**
		0.0	Tufted Apple Bud Moth (TBM) (0 / 0)
		0.1	Variegated Leafroller (VLR) (2 /0)
		0.0	Grape Berry Moth (GBM) (0 / 0)
			Rainfall
		0.47	Weekly Rainfall (HVL)
		0.36	Total Rainfall for August (HVL)
		23.68	Total Rainfall from 1 March (HVL)

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

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	50 F	# / trap / day (pheromone trap)
8/11			
			Degree-Day Development
	2778.4	1937.3	Highland
	2797.8	1959.8	Hudson
	2712.7	1868.2	Marlboro
			(OFM)- Start of the third flight of OFM. In western NY the third flight of OFM begins in mid to late August.
			(CM)- Eggs from the second generation of CM have started to hatch.
			(STLM)- Second generation tissue feeding mines and pupae are present. The third generation of moths will emerge in mid to late August and continue to fly and lay eggs in September.
			(GBM)- Egg-laying continues.
			Pears
		0.0	Psylla eggs / cluster (0 egg / 25 Leaves / 10 UT Bart. stems)
		0.1	Psylla nymphs /cluster (2 nym. / 25 Leaves/ 10 UT Bart. stems)
			Apple
		0.2	Apple Maggot (AM) (1/0/1/4)
		0.0	Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
		1.4	Brown Marmorated Tetters trap (BMSB) (1 m, 0 f, 9n, (0- 2nd 1-3rd 8- 4th 0- 5th))
		2.2	Codling Moth (CM) (13 / 18)
		0.3	Lesser Apple Worm (LAW) (0 / 4)
		0.6	Obliquebanded Leafroller (OBLR) (6 / 2)
		2.2	Oriental Fruit Moth (OFM) (26 / 5)
		0.9	Red Banded Leafroller (RBLR) (0 / 12)
		0.0	Spargnothus Fruitworm Moth (SFM) (0 / 0)
		50.2	Spotted Tentiform Leafminer (STLM) (436 / 268)
		0.3	Spotted Wing Drosophila (SWD) (3, 1 , 2, -)
		0.3	Tufted Apple Bud Moth (TBM) (1 / 3)
		0.6	Variegated Leafroller (VLR) (9 /0)
		2.9	Grape Berry Moth (GBM) (16 / 25) **First Capture**
			Rainfall
		0.19	Weekly Rainfall (HVL)
		0.55	Total Rainfall for August (HVL)
		23.87	Total Rainfall from 1 March (HVL)

SWD trap location: Grape, Peach Tree, Raspberries, Tartarian Honeysuckle (*Lonicera tartarica) (Honeysuckle trap knocked down by wind, data not entered, reset 8/11/14)*

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA) 43 F	50 F	# / trap / day (pheromone trap)	Field Observations / Trap Catches / Models
8/18				**Degree-Day Development**
	2969.9	2063.1		Highland
	2963.3	2076.3		Hudson
	2878.6	1985.1		Marlboro
				(OFM)- Start of the third flight of OFM.
				(CM)- Moths from the second generation are actively flying and egg hatch is heavy.
				(STLM)- Second generation tissue feeding mines and pupae are present. The third generation of moths will emerge in mid to late August and continue to fly and lay eggs in September.
				(GBM)- Reduced egg-laying after this time, most pupae enter diapause (ovewintering stage) after 1700 DD.
				Pears
			0.0	Psylla eggs / cluster (0 egg / 25 Leaves / 10 UT Bart. stems)
			0.2	Psylla nymphs /cluster (6 nym. / 25 Leaves/ 10 UT Bart. stems)
				Apple
			0.1	Apple Maggot (AM) (4/0/0/0)
			0.0	Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
				Brown Marmorated Tetters trap (BMSB)
			16.7	(9m, 3f, 105n, (9- 2nd 3-3rd 77-4th 16-5th))
			2.4	Codling Moth (CM) (16 / 17)
			2.4	Lesser Apple Worm (LAW) (24 / 9)
			0.6	Obliquebanded Leafroller (OBLR) (6 / 2)
			2.1	Oriental Fruit Moth (OFM) (26 / 4)
			0.7	Red Banded Leafroller (RBLR) (0 / 10)
			0.0	Spargnothus Fruitworm Moth (SFM) (0 / 0)
			39.2	Spotted Tentiform Leafminer (STLM) (286 / 263)
			1.0	Spotted Wing Drosophila (SWD) (1, 18 , 0 ,10)
			0.8	Tufted Apple Bud Moth (TBM) (6 / 5)
			0.6	Variegated Leafroller (VLR) (3 /5)
			1.1	Grape Berry Moth (GBM) (8 / 7)
				Rainfall
			0.19	Weekly Rainfall (HVL)
			0.74	Total Rainfall for August (HVL)
			24.06	Total Rainfall from 1 March (HVL)

SWD trap location: Grape, Peach Tree, Raspberries, Tartarian Honeysuckle (*Lonicera tartarica) (Honeysuckle trap knocked down by wind, data*

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA) 43 F	50 F	# / trap / day (pheromone trap)	Field Observations / Trap Catches / Models
8/25				**Degree-Day Development**
	3147.9	2192.1		Highland
	3138.9	2202.6		Hudson
	3028.8	2093.3		Marlboro
				(CM)- The flight of second generation CM is ending at HVL. Populations steadily decreasing. **(GBM)-** Reduced egg-laying after this time, populations at HVL decreasing. **(OFM)-** Flight of this species is diminishing **(SWD)-** Traps across Hudson Valley seeing steady rise in population. Egg-laying increasing. Damaged fruit types include Late-Variety Raspberries, Blackberries, and Blueberries.
				Pears
			0.4	Psylla eggs / cluster (9 egg / 25 Leaves / 10 UT Bart. stems)
			0.3	Psylla nymphs /cluster (7 nym. / 25 Leaves/ 10 UT Bart. stems)
				Apple
			0.0	Apple Maggot (AM) (0/0/0/0)
			0.0	Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
			19.3	Brown Marmorated Tetters trap (BMSB) (22m, 16 f, 97 n, (8-2nd 12-3rd 74-4th 3-5th))
			0.7	Codling Moth (CM) (7 / 3)
			4.4	Lesser Apple Worm (LAW) (51 / 11)
			0.1	Obliquebanded Leafroller (OBLR) (0 / 2)
			1.1	Oriental Fruit Moth (OFM) (8 / 7)
			2.7	Red Banded Leafroller (RBLR) (26 / 13)
			0.1	Spargnothus Fruitworm Moth (SFM) (0 / 2)
			41.9	Spotted Tentiform Leafminer (STLM) (253 / 334)
			6.0	Spotted Wing Drosophila (SWD) (11, 148 , 0 , 9)
			1.1	Tufted Apple Bud Moth (TBM) (4 / 12)
			1.1	Variegated Leafroller (VLR) (9 /6)
			0.4	Grape Berry Moth (GBM) (0 / 5)
				Rainfall
			0.12	Weekly Rainfall (HVL)
			0.90	Total Rainfall for August (HVL)
			24.18	Total Rainfall from 1 March (HVL)

SWD trap location: Grape, Peach Tree, Raspberries, Tartarian Honeysuckle (*Lonicera tartarica) (Honeysuckle trap knocked down by wind, data*

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	**50 F**	**# / trap / day (pheromone trap)**
9/2			
			Degree-Day Development
	3378.2	2366.4	Highland
	3371.9	2379.6	Hudson
	3277.4	2278.9	Marlboro
			(CM)- The flight of second generation CM is ending at HVL. Populations steadily decreasing. **(GBM)-** Reduced egg-laying after this time, populations at HVL decreasing. **(OFM)-** About 10% of the eggs laid by the third generation of OFM have hatched. **(SWD)-** Traps across Hudson Valley seeing steady rise in population. Egg-laying increasing. Damaged fruit types include Late-Variety Raspberries, Blackberries, and Blueberries.
			Pears
			0.0 Psylla eggs / cluster (0 egg / 25 Leaves / 10 UT Bart. stems)
			0.0 Psylla nymphs /cluster (0 nym. / 25 Leaves/ 10 UT Bart. stems)
			Apple
			0.0 Apple Maggot (AM) (0/0/0/0)
			0.0 Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
			2.6 Brown Marmorated Tetters trap (BMSB) (6 m, 12 f, 0 n, (-2nd -3rd -4th -5th))
			0.3 Codling Moth (CM) (2 / 2)
			3.7 Lesser Apple Worm (LAW) (29 / 24)
			0.6 Obliquebanded Leafroller (OBLR) (0 / 8)
			3.4 Oriental Fruit Moth (OFM) (44 / 3)
			3.6 Red Banded Leafroller (RBLR) (25 / 26)
			0.0 Spargnothus Fruitworm Moth (SFM) (0 / 0)
			43.0 Spotted Tentiform Leafminer (STLM) (261 / 341)
			8.9 Spotted Wing Drosophila (SWD) (0, 195 , 12 , 41)
			0.7 Tufted Apple Bud Moth (TBM) (4 / 6)
			0.6 Variegated Leafroller (VLR) (9 /0)
			0.1 Grape Berry Moth (GBM) (0 / 2)
			Rainfall
			0.33 Weekly Rainfall (HVL)
			0.01 Total Rainfall for September (HVL)
			24.51 Total Rainfall from 1 March (HVL)

SWD trap location: Grape, Peach Tree, Raspberries, Tartarian Honeysuckle (*Lonicera tartarica) (Honeysuckle trap knocked down by wind, data*

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	50 F	# / trap / day (pheromone trap)
9/8			
			Degree-Day Development
	3563.4	2509.6	Highland
	2558.9	2524.6	Hudson
	3456.5	2416.0	Marlboro
			(CM)- The flight of second generation CM is ending at HVL. Populations steadily decreasing.
			(GBM)- Reduced egg-laying after this time.
			(SWD)- Traps across Hudson Valley seeing steady rise in population. Egg-laying increasing. Damaged fruit types include Late-Variety Raspberries, Blackberries, and Blueberries.
			Pears
		0.0	Psylla eggs / cluster (0 egg / 25 Leaves / 10 UT Bart. stems)
		0.0	Psylla nymphs /cluster (0 nym. / 25 Leaves/ 10 UT Bart. stems)
			Apple
		0.0	Apple Maggot (AM) (0/0/0/0)
		0.0	Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
		6.1	Brown Marmorated Tetters trap (BMSB) (23 m, 16 f, 4 n, (1-2nd 0-3rd 0-4th 3-5th))
		0.1	Codling Moth (CM) (1 / 1)
		2.2	Lesser Apple Worm (LAW) (3 / 29)
		0.5	Obliquebanded Leafroller (OBLR) (0 / 7)
		2.6	Oriental Fruit Moth (OFM) (32 / 4)
		2.7	Red Banded Leafroller (RBLR) (12 / 27)
		0.1	Spargnothus Fruitworm Moth (SFM) (1 / 0)
		37.1	Spotted Tentiform Leafminer (STLM) (250 / 269)
		9.9	Spotted Wing Drosophila (SWD) (-, 116 , - , 23)
		0.2	Tufted Apple Bud Moth (TBM) (0 / 3)
		0.6	Variegated Leafroller (VLR) (9 /0)
		0.6	Grape Berry Moth (GBM) (3 / 6)
			Rainfall
		0.56	Weekly Rainfall (HVL)
		0.57	Total Rainfall for September (HVL)
		25.07	Total Rainfall from 1 March (HVL)

SWD trap location: Grape, Peach Tree, Raspberries, Tartarian Honeysuckle (*Lonicera tartarica) (Grape and Raspberry trap knocked down by wind)*

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA)		Field Observations / Trap Catches / Models
	43 F	**50 F**	**# / trap / day (pheromone trap)**
9/22			
			Degree-Day Development
	3819.7	2671.3	Highland
	3802.4	2678.9	Hudson
	3706.4	2571.8	Marlboro
			Pears
		0.0	Psylla eggs / cluster (0 egg / 25 Leaves / 10 UT Bart. stems)
		0.0	Psylla nymphs /cluster (0 nym. / 25 Leaves/ 10 UT Bart. stems)
			Apple
		0.0	Apple Maggot (AM) (0/0/0/0)
		0.0	Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
		6.1	Brown Marmorated Tetters trap (BMSB) (0 m, 0 f, 0 n, (0-2nd 0-3rd 0-4th 0-5th))
		0.1	Codling Moth (CM) (0 / 2)
		1	Lesser Apple Worm (LAW) (0 / 14)
		0.6	Obliquebanded Leafroller (OBLR) (9 / 0)
		3.8	Oriental Fruit Moth (OFM) (50 / 4)
		0.4	Red Banded Leafroller (RBLR) (0 / 5)
		0.0	Spargnothus Fruitworm Moth (SFM) (0 / 0)
		7.1	Spotted Tentiform Leafminer (STLM) (42/ 57)
		3.6	Spotted Wing Drosophila (SWD) (21, 48, 0, 31)
		0.1	Tufted Apple Bud Moth (TBM) (0 / 2)
		0.1	Variegated Leafroller (VLR) (0 /1)
		0.2	Grape Berry Moth (GBM) (0 / 3)
			Rainfall
		0.16	Weekly Rainfall (HVL)
		0.92	Total Rainfall for September (HVL)
		25.42	Total Rainfall from 1 March (HVL)

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

Date	Baskerville-Emin (BE) DD Accumulations (previous day NEWA) 43 F	50 F	# / trap / day (pheromone trap)	Field Observations / Trap Catches / Models
9/29				**Degree-Day Development**
	3952.3	2757.2		Highland
	3935.2	2764.7		Hudson
	3833.5	2652.1		Marlboro
				Pears
			0.0	Psylla eggs / cluster (0 egg / 25 Leaves / 10 UT Bart. stems)
			0.0	Psylla nymphs /cluster (0 nym. / 25 Leaves/ 10 UT Bart. stems)
				Apple
			0.0	Brown Marmorated Light (BMSB) (0 m, 0 f, 0n)
			0.0	Brown Marmorated Tetters trap (BMSB) (0 m, 0 f, 0 n, (0-2nd 0-3rd 0-4th 0-5th))
			0.3	Codling Moth (CM) (2 / 2)
			0.5	Lesser Apple Worm (LAW) (4 / 3)
			0.4	Obliquebanded Leafroller (OBLR) (6 / 0)
			1.0	Oriental Fruit Moth (OFM) (6 / 8)
			0.0	Red Banded Leafroller (RBLR) (0 / 0)
			0.0	Spargnothus Fruitworm Moth (SFM) (0 / 0)
			2.0	Spotted Tentiform Leafminer (STLM) (13/ 15)
			2.1	Spotted Wing Drosophila (SWD) (33, 22, 0, 5)
			0.0	Tufted Apple Bud Moth (TBM) (0 / 0)
			0.0	Variegated Leafroller (VLR) (0 /0)
			0.0	Grape Berry Moth (GBM) (0 / 0)
				Rainfall
			0.01	Weekly Rainfall (HVL)
			0.93	Total Rainfall for September (HVL)
			25.43	Total Rainfall from 1 March (HVL)

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