

2014 Hudson Valley 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>		
	43 F	50 F		
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” 3.12”	Weekly Rainfall Total Rainfall
4/4			0.0 0.6 0.0	Psylla eggs / bud (0 egg / 100 buds / 8 trees) Spotted Green Fruitworm (SGFW) (2/4) 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 0.4 0.0	Psylla eggs / bud (4 egg / 100 buds / 8 trees) Spotted Green Fruitworm (SGFW) (4/1) 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” 3.37”	Weekly Rainfall Total Rainfall

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	<u>DD Accumulations (previous day NEWA)</u>			
	43 F	50 F		
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	122.1
251.9	119.2
240.2	105.6

Highland
 Hudson
 Marlboro

0.86	Weekly Rainfall (HVL)
3.07"	Total Rainfall for April (HVL)
6.19	Total Rainfall from 1 March (HVL)

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	<u>DD Accumulations (previous day NEWA)</u>			
	43 F	50 F		
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)

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	<u>DD Accumulations (previous day NEWA)</u>			
	43 F	50 F		
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)
