

# scaffolds

Update on Pest Management  
and Crop Development

F R U I T J O U R N A L

September 10, 2007

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Geneva, NY

## HEADIN' SOUTH

IT'S A WRAP  
(Art Agnello &  
Dave Kain,  
Entomology,  
Geneva)



results and an Index of Volume 16, 2007 of  
Scaffolds Fruit Journal.

KEY = GFW - Green Fruitworm;  
RBLR - Redbanded Leafroller; STLM  
- Spotted Tentiform Leafminer; OFM  
- Oriental Fruit Moth (in apples); LAW  
- Lesser Appleworm; CM - Codling  
Moth; SJS - San Jose Scale; APB - American  
Plum Borer (in cherries); LPTB - Lesser  
Peachtree Borer (in cherries); DWB - Dogwood  
Borer; PL - Pandemis Leafroller; OBLR - Oblique-  
banded Leafroller; PTB - Peachtree Borer; FTLR  
- Fruittree leafroller; AM - Apple Maggot; \* - first  
catch of the generation❖❖

❖❖ With this issue, Scaffolds ceases publication for the season; we anticipate starting up again next March. In February, as usual, we'll send out an email to all current subscribers to set up next year's mailing list. Our thanks to all of you who have sent comments, suggestions, and articles our way, a practice we hope you'll continue. As a wrap-up, here's our annual summary of the year's pheromone trap

### Geneva Pest Trapping Results - Avg/Trap/Day

DATE	GFW	RBLR	STLM	OFM	LAW	CM	SJS	APB	LPTB	DWB	PL	OBLR	PTB
4/5	0.3*												
4/9	0.0												
4/12	0.0												
4/19	0.0	0.0											
4/23	0.0	1.0*	0.0										
4/26	0.0	0.0	0.0										
4/30	0.1	3.8	0.0	0.0									
5/3	0.3	5.7	0.0	0.0									
5/7	0.0	3.0	1.1*	0.1*									
5/10	0.0	13.2	16.7	3.2				0.0					
5/14	0.0	2.8	6.4	0.6	0.0	0.0	0.0	0.0					
5/17		2.3	7.5	2.2	0.0	0.2*	0.0	0.0					
5/21		0.1	2.6	0.4	0.0	0.0	0.0	0.3*					
5/24		1.8	7.5	6.5	0.3*	0.0	187*	0.0					
5/29		2.4	8.1	0.8	1.5	0.1	127	0.3	0.2*				
5/31		1.0	5.0	0.5	0.8	0.0	57.5	0.0	2.5				
6/4		0.4	1.8	0.1	3.9	0.0	3.8	0.0	1.5				
6/7		0.0	0.5	0.0	0.5	0.0	0.8	0.3	0.2	0.0	0.2*	0.0	
6/11		0.3	0.6	0.0	0.3	0.0	0.0	0.3	0.9	-	0.3	0.4*	
6/14		0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.2	1.2	
6/21		0.0	1.1*	0.0	0.4	0.0	0.0	0.0	0.6	0.0	0.4	0.6	0.0

continued...

DATE	RBLR	STLM	OFM	LAW	SJS	APB	LPTB	DWB	PL	OBLR	PTB	AM
6/25	0.0	7.1	0.0	0.3	0.0	0.1	0.9	-	0.5	0.1	1.0*	
6/28	0.0	11.2	0.3*	0.7	0.0	0.0	0.0	0.0	0.8	0.3	0.3	
7/2	0.0	11.3	0.3	0.3	0.0	0.0	1.6	-	0.0	0.0	0.0	
7/5	0.0	19.3	0.7	1.0	0.0	0.0	0.8	0.5*	0.0	0.0	0.7	0.2*
7/9	0.0	24.3	0.1	0.5	7.4*	0.0	0.8	-	0.0	0.1	0.1	0.0
7/12	0.0	47.3	0.7	0.0	292	0.0	0.3	0.4		0.2	0.0	0.0
7/16	0.8*	11.9	0.5	0.0	158	0.0	0.1	-		0.0	0.0	0.6
7/18	1.8	24.0	0.5	0.0	1744	0.0	0.0	0.0		0.0	0.0	3.0
7/23	0.4	15.5	0.3	0.2	200	0.0	0.0	-		0.0	0.0	4.1
7/26	0.7	29.2	0.7	0.0	758	0.0	0.0	0.0		0.0	0.0	2.8
7/30	4.0	13.9	0.5	0.0	878	-	0.0	-		0.0	0.0	3.3
8/2	1.5	7.2	1.2*	0.0	838	0.0	0.0	0.0		0.0	0.0	2.2
8/6	1.9	4.5	1.6	0.0	472	0.2	0.3	-		0.0	0.0	0.8
8/9	2.3	10.7	1.3	0.0	558	0.2	0.0			0.3*	0.3	1.8
8/13	0.8	11.8	1.4	0.4*	200	0.3	0.0			0.0	0.1	1.3
8/17	1.5	17.3	2.6	0.6	96.9	0.0	0.1			0.0	0.0	0.9
8/20	0.3	5.5	1.0	0.0	65.8	0.0	0.0			0.0	0.0	1.7
8/23	1.0	3.7	1.3	0.8	55.8	0.0	0.0			0.0	0.0	2.0
8/27	3.5	5.5	3.3	0.9	39.4	0.1	0.0			0.0	0.0	0.8
8/30	3.2	6.8	2.3	0.5	130	0.0	0.0			0.0	0.0	0.5
9/4	2.6	4.1	1.5	0.0	24.4	0.1	0.0			0.0	0.0	0.5
9/6	3.0	10.0	1.3	0.0	46.3	0.0						0.5

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### scaffolds

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<http://www.nysaes.cornell.edu/ent/scaffolds/>

NOTE: Every effort has been made to provide correct, complete and up-to-date pesticide recommendations. Nevertheless, changes in pesticide regulations occur constantly, and human errors are possible. These recommendations are not a substitute for pesticide labelling. Please read the label before applying any pesticide.

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**Hudson Valley (Highland) Pest Trapping Results - Avg/Trap/Day**

DATE	GFW	RBLR	STLM	OFM	CM	LAW	OBLR	VLR	AM	TABM
4/30	0.1	9.5	0.4	0.4						
5/7	0.0	-	28.6	6.2	0.0					
5/14	0.0	-	42.5	9.8	0.1*	0.0				
5/21	0.0	-	2.9	1.1	0.4	0.6*				
5/29		-	3.6	0.0	0.9	4.6	-	-		
6/4		-	2.8	0.0	8.3	10.4	0.5*	-		
6/11		0.0	8.1	0.1*	2.4	4.5	2.4	0.9*		
6/18		0.0	16.3	0.1	1.2	2.6	1.4	0.4	0.0	
6/25		1.6*	21.8	4.0	0.7	2.7	0.7	0.3	0.1*	
7/2		2.0	36.8	2.6	0.4	0.1	0.9	0.1	0.1	
7/9		3.9	62.3	6.6	1.4	0.9	0.1	0.0	0.2	
7/16		0.3	67.0	3.3	2.4	1.6	0.0	0.1	0.6	
7/23		0.2	17.8	1.4	1.1	1.3	0.0	0.0	0.8	
7/26		1.5	20.3	1.8	4.2	2.3	0.0	0.0	3.7	
8/6		0.4	26.9	2.3	2.4	3.9	0.7*	0.2	0.5	0.1*
8/13		0.5	22.4	2.7	0.9	5.2	0.0	0.1	0.9	0.0
8/20		1.9	12.9	1.9	0.4	2.1	0.0	0.3	0.5	0.0
8/27		3.3	12.1	1.0	0.1	1.4	0.0	0.0	0.2	0.0

**SCAFFOLDS Fruit Journal**  
Index, Volume 16, 2007**No. 1, March 19**

## GENERAL INFO

- ❖ New year of Scaffolds Intro

## CHEM NEWS

- ❖ Product registration update

## INSECTS

- ❖ Bee die-off

## DISEASES

- ❖ Organic disease control for apples

**No. 2, March 26**

## INSECTS

- ❖ Climate change and insect pests

## HORTICULTURE

- ❖ Spring fertilizers

## ERRATUM

- ❖ Guthion/AZM on pears

**No. 3, April 2**

## INSECTS

- ❖ Spring oil strategies
- ❖ Hudson Valley early-season psylla strategies

## HORTICULTURE

- ❖ Last minute pruning

## GENERAL INFO

- ❖ Recommends ready

## DISEASES

- ❖ Post-infection scab fungicides, Part I

**No. 4, April 9**

## DISEASES

- ❖ Early-season copper sprays
- ❖ A word about apple scab squash mounts

## HORTICULTURE

- ❖ Fruit tree quality

## GENERAL INFO

- ❖ Spray water pH
- ❖ Recommends additions/corrections

continued...

**No. 5, April 16**

## INSECTS

- ❖ More on Colony Collapse Disorder

## GENERAL INFO

- ❖ Recommends online
- ❖ NEWA and NYS IPM Web resources

## HORTICULTURE

- ❖ Drainage in new orchard sites

**No. 6, April 23**

## INSECTS

- ❖ Early-season concerns/strategies

## HORTICULTURE

- ❖ Planting trees

**No. 7, April 30**

## INSECTS

- ❖ Orchard Radar Digest

## GENERAL INFO

- ❖ Honeybees and pollination
- ❖ Precision spray technology

## HORTICULTURE

- ❖ Pruning peaches

## DISEASES

- ❖ Post-infection scab fungicides, Part II

**No. 8, May 7**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ Pink pests

- ❖ Petal fall preview

## DISEASES

- ❖ Controlling blossom blight
- ❖ Powdery mildew on apple

## HORTICULTURE

- ❖ Bloom thinning — apples

**No. 9, May 14**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ Tent caterpillar
- ❖ Internal lep management

## DISEASES

- ❖ Post-infection scab fungicides, Part III
- ❖ Site-specific fungicide resistance management

## GENERAL INFO

- ❖ Spray demo reminder

**No. 10, May 21**

## INSECTS

- ❖ Orchard Radar Digest

- ❖ Petal fall pests

## CHEM NEWS

- ❖ Proclaim 2(ee)

## GENERAL INFO

- ❖ Spray demo reminder

## HORTICULTURE

- ❖ Apple thinning — 2007

## DISEASES

- ❖ Controlling Fabraea fruit & leaf spot

**No. 11, May 29**

## INSECTS

- ❖ Orchard Radar Digest

- ❖ Model building

- ❖ Early summer pests

**No. 12, June 4**

## INSECTS

- ❖ Orchard Radar Digest

- ❖ Model building

- ❖ Potato leafhopper

## GENERAL INFO

- ❖ Horticulture seminar

**No. 13, June 11**

## INSECTS

- ❖ Orchard Radar Digest

- ❖ Model building

## DISEASES

- ❖ Brown rot control and resistance

## ERRATUM

- ❖ Lorsban 4E for cherries

**No. 14, June 18**

## INSECTS

- ❖ Orchard Radar Digest

- ❖ Model building

- ❖ Obliquebanded leafroller summer management options

- ❖ 2006 OBLR new chemistry field trial

continued...

**No. 15, June 25**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ Model building
- ❖ Apple maggot monitoring and control
- ❖ Summer insects

## GENERAL INFO

- ❖ Events announcement (Cornell Fruit Field Day, NY Fruit Pest Control Field Day, NYSAES 125th Anniversary)

**No. 16, July 2**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ Model building
- ❖ Midsummer insects

## GENERAL INFO

- ❖ Events reminder

**No. 17, July 9**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ Model building
- ❖ Beneficial arthropods

## GENERAL INFO

- ❖ Events reminder

**No. 18, July 16**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ Model building
- ❖ More summer pests

## GENERAL INFO

- ❖ Events reminder

**No. 19, July 23**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ Model building

## DISEASES

- ❖ Summer diseases
- ❖ Controlling summer diseases without Topsin M

**No. 20, July 30**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ Model building
- ❖ Summer insects
- ❖ Dock sawfly

## GENERAL INFO

- ❖ Events reminder

**No. 21, August 6**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ End of spray season insect pests

## GENERAL INFO

- ❖ Events reminder

**No. 22, August 13**

## INSECTS

- ❖ Orchard Radar Digest

## GENERAL INFO

- ❖ Events reminder - Fruit Field Day – 3rd Notice

**No. 23, August 20**

## INSECTS

- ❖ Orchard Radar Digest

## GENERAL INFO

- ❖ Events reminder - NYSAES 125th Anniversary

**No. 24, August 27**

## INSECTS

- ❖ Orchard Radar Digest
- ❖ End of season concerns

## GENERAL INFO

- ❖ Fruit Field Day – Final Notice

**No. 25, September 4**

## INSECTS

- ❖ Tree fruit arthropod pest review
- ❖ Comparison of pest events 2007 to the calculated “Norm”

**No. 26, September 10**

## INSECTS

- ❖ 2007 Insect trap catch summary

## GENERAL INFO

- ❖ Index of Scaffolds Volume 16, 2007