



Newsletter Extension

Fruit ICM News

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Calendar

September 18-20: Farm Science Review - *Pesticide credit can be earned at 2001 Farm Science Review!* For more information, contact the Pesticide Education Program, OSU Extension, at 1-614- 292-4070 or visit the website at <http://www.ag.ohio-state.edu/~pested>

Tribute to Dwight Miller

We mourn the loss of Dwight J. Miller, 75, of Brownhelm Township in Lorain County. Dwight died Wednesday, August 22, at Akron City Hospital of injuries suffered in a fall at home. Along with his sons David and Roger, he owned and operated Miller Orchards and Farm Market.

Dwight was a life member of the Ohio Fruit Growers Association and was instrumental in introducing the North Central IPM program into Lorain County. Through his gentle persuasion and belief in raising fruit in an environmentally and socially responsible manner, neighboring orchard operations also joined the program.

He is survived by his wife of 53 years, two other sons, Vernon of Alitou, New Guinea and Duane of Medina; 15 grandchildren; and 4 great-grandchildren. Memorial contributions may be made to Wycliff Bible Translators, c/o Vernon Miller, P.O. Box 628211, Orlando, FL 32862-8211.

We will remember Dwight as a true gentleman who always had a kind word to share. Our condolences

go out to his family.

More Troubles for Beekeepers

Source: Ohio Cooperative Extension Service Leaflet 251 (1980)

Honeybees collect their only food, nectar, and pollen from flowers. While soybeans do not require bee pollination, bees will forage for nectar from soybean flowers. Unfortunately, bee kills have been investigated in northern Ohio by the Ohio Department of Agriculture where orchard owners have been falsely accused as being responsible.

What probably happened was the spraying of nearby soybeans for the soybean aphid. One product of choice for that purpose is dimethoate (Cygon). Of 66 pesticides rated for honey bee mortality, dimethoate was ranked as the seventh greatest hazard to honey bees. Traces of this material were found in the honey from affected hives.

Keep this in mind if you find yourself being blamed for a bee kill because of your orchard management activities. Chances are that a nearby soybean field was the source of the problem.

Fruit Observations & Trap Reports

Insect Key	
AM:	apple maggot
CM:	codling moth
ESBM:	eye-spotted budmoth
LAW:	lesser apple worm
LPTB:	lesser peachtree borer
OBLR:	obliquebanded leafroller
OFM:	oriental fruit moth
PTB:	peachtree borer
RBLR:	redbanded leafroller
SJS:	San Jose scale
STLM:	spotted tentiform leafminer
TABM:	tufted apple budmoth
VLR:	variegated leafroller

Waterman Lab, Columbus, Dr. Celeste Welty, OSU Extension Entomologist

Traps used: STLM = Wing trap, SJS = Pherocon V, Codling Moth = mean of 3 MultiPher® traps, Others = MultiPher

Apple: 8/22 to 8/29

STLM: 39 (down from 45)

RBLR: 23 (up from 20)

CM (mean of 3 traps): 4.0 (down from 7.0)
SJS: 4 (up from 0)
OFM: 5 (up from 0)
DWB: 0 (unchanged)
TABM: 2 (up from 1)
VLR: 5 (up from 2)
OBLR: 1 (up from 0)
AM(sum of 3 traps): 0 (down from 2)

Peach: 8/22 to 8/29

OFM: 4 (up from 1)
LPTB: 1 (down from 2)
PTB: 0 (down from 2)

Site: East District; Erie & Lorain Counties

Source: Jim Mutchler, IPM Scout

Traps Used: STLM=wing traps, SJS=Pherocon-V, Others=MultiPher®

Apple: 8/21 to 8/28

STLM: 75 (down from 335)
CM: 1.3 (down from 2.9)
SJS: 0.0 (unchanged)
OBLR: 2.8 (up from 1.7)
BBLR: 8.0 (up from 6.5)
AM: 3.5 (down from 4.5)

Peach: 8/21 to 8/28

OFM: 4.7 (up from 2.7)
LPTB: 17.3 (down from 26.3)
PTB: 3.3 (down from 7.0)
RBLR: 7.7 (down from 9.0)

Other pests observed: white apple leafhopper

Beneficials include: green lacewings everywhere (eggs and adults), lady beetles, and brown lacewings

Site: West District; Huron, Ottawa, & Sandusky

Source: Gene Horner, IPM Scout

Traps Used: STLM=wing traps, SJS=Pherocon-V, PC = circle traps, Others=MultiPher® traps

Apple: 8/21 to 8/28

STLM: 42 (up from 15)
CM: 0.2 (down from 0.4)
SJS: 4.2 (up from 2.4)
RBLR: 15.7 (down from 16.3)
AM: 5.6 (down from 7.0)
PC: 0.0 (unchanged)
OFM: 27 (first report)

Peach: 8/21 to 8/28

OFM: 5.4 (up from 2.2)

LPTB: 18.2 (up from 13.8)

PTB: 0.3 (down from 0.8)

RBLR: 19.0 (up from 18.6)

TPB: 0.0 (unchanged)

Other pests include Japanese beetle, potato leafhopper, oriental fruit moth flagging, lilac borer, apple rust mite, tarnished plant bug, tent caterpillars

Beneficials include: predatory mites, green lacewings eggs and adults, brown lacewings, banded thrips, lady beetles, *Stethorus punctum*

Degree Day Accumulations for Selected Ohio Sites January 1, 2001 to Date Indicated

	Reported Degree Day Accumulations				Normal Degree Day Accumulations		Forecasted Degree Day Accumulations September 5	
	August 22		August 29		August 29		Base 45° F	Base 50° F
Location	Base 45° F	Base 50° F	Base 45° F	Base 50° F	Base 45° F	Base 50° F		
Akron - Canton	2810	2142	2991	2288	2978	2266	3146	2408
Cincinnati	3358	2625	3565	2797	3737	2936	3742	2939
Cleveland	2855	2197	3039	2346	2924	2226	3197	2468
Columbus	3354	2639	3551	2802	3287	2539	3725	2940
Dayton	3195	2597	3384	2651	3366	2618	3553	2785
Mansfield	2794	2130	2969	2269	2953	2245	3121	2386
Norwalk	2826	2174	3009	2319	2925	2230	3163	2438
Piketon	3293	2554	3495	2721	3662	2860	3668	2859
Toledo	2935	2272	3135	2437	2907	2217	3283	2549
Wooster	2875	2206	3059	2355	2807	2107	3213	2474
Youngstown	2694	2032	2873	2175	2750	2060	3019	2286

Ohio Drought Conditions

Conditions in Ohio as of July 28, 2001 according to Long Term Palmer Drought Severity Index

Source: http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/regional_monitoring/palmer.gif(1)
or <http://enso.unl.edu/monitor/monitor.html>(2)

Region	(1) Category of Drought August 25	(2) Category of Drought August 29
Northwest Ohio	Near Normal	Abnormally Dry (eastern portion)
Northeast Ohio	Severe	Drought Severe
Northeast Hills	Severe	Drought Severe
Central Ohio	Near Normal	Abnormally Dry (northern portion)
Central Hills	Moderate	Drought Moderate
North Central Ohio	Moderate	Drought Moderate
Southeast Ohio	Near Normal	Abnormally Dry (northern portion)
Rest of State	Near Normal	Normal

Terminal Market Wholesale Fruit Prices

August 29, 2001

Source:Chicago http://www.ams.usda.gov/mnreports/HX_FV010.txt

Detroit http://www.ams.usda.gov/mnreports/DU_FV010.txt

Pittsburgh http://www.ams.usda.gov/mnreports/PS_FV010.txt

	Chicago	Detroit	Pittsburgh
Apples , cartons, 12 3-lb filmbags, U.S. Fancy Earligold		MI 2 ½" min 12 - 12.50	
U.S. Fancy Paula Red		MI 2 ½" min 11.50-12.50	
U.S. Fancy Jersey Mac			NY 2 ½" min 10.50-11.50
U.S. ExFancy Tydeman Red			NY 2 ½" up 8.50 - 9.50
U.S. ExFancy Royal Gala			PA 2 ¼" min 10.50
U.S. ExFancy Ginger Gold			PA 2 ¼" min 10.50
U.S. ExFancy Paula Red			PA 2 ¼" min 10.50
Apples , bu cartons, loose U.S. Fancy Ginger Gold U.S. Fancy Paula Red		MI 3" min 14.50 - 15.00 2 ¾" up 12.00 2 ½" up 11.50 - 12.00	

Blueberries , 12 1-pt cups	MI 21.00 - 23.00	MI 20.00 - 22.00	MI 19.00 - 21.00
Peaches , 25 lb cartons, no grade marks, various yellow flesh varieties	IL 2 ¼" up 10.00 ripe 7.50 - 8.00 NJ 2 ¾" up 12 - 13.00 2 ¼" up 10 - 11.00		
Peaches , 25 lb cartons, U.S. One various yellow flesh varieties	MI 2 ¾" up 15.00 2 ½" up 11.50 - 12 2 ¼" up 8.50 - 9.00		
Peaches , ½ bu ctns, U.S. ExOne, various yellow flesh varieties		MI 2 ¾" up 12.75-13.50 2 ½" up 10.75-12.50	
Peaches , ½ bu ctns, U.S. One, various yellow flesh varieties		MI 2 ½" up 8.50-10.00 2" up 8.00	
Peaches , ctns 1 lyr Loring 24s			PA 4.00 - 5.00
Peaches , ½ bu ctns, U.S. Fancy Blakes			PA 2 ½" up 12.50-13.50
Peaches , 25 lb ctns, U.S. Fancy various yellow flesh varieties			NJ 2 ½" min 9.00-10.50
Peaches , 38 lb ctns, unclassified, various yellow flesh varieties			NJ 2 ½" min 7.00 - 8.00

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Information presented above and where trade names are used, they are supplied with the understanding that no discrimination is intended and no endorsement by Ohio State University Extension is implied. Although every attempt is made to produce information that is complete, timely, and accurate, the pesticide user bears responsibility of consulting the pesticide label and adhering to those directions.

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