



# Newsletter Extension

## Fruit ICM News

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## Calendar

**July 10: Ohio Fruit Growers Society Summer Tour**, Hirsch Fruit Farm, Chillicothe, OH. Registration for the Summer Tour begins at 8:00 a.m. Member fees are \$15 per family & \$10 per individual; nonmember fees are \$20 & \$15. The Ohio State University Extension Fruit Team will be selling fruit bulletins, and Specialists will be available to answer your questions.

As an extension of the Summer Tour, OSU's Piketon Research & Extension Center has scheduled an afternoon tour of their facilities. Beginning at 3 p.m., there will be tours of horticulture & soil & water demonstration plots, aquaculture research, and business & learning center facilities. More information about the centers at Piketon is available at <http://www.ag.ohio-state.edu/~prec/>. For more info about the summer tour, call Tom Sachs at 614-249-2424.

**July 23: Licking County Twilight Fruit School**, Branstool Orchards. Contact Howard Siegrist at 740-349-6900 for more information.

## A Tribute to a Great Small Fruit Breeder and Teacher

*Source: Richard C. Funt, OSU Extension Horticulturalist*

Dr. Gene J. Galletta, USDA Small Fruit Plant Breeder, passed away on March 20, 2002. In the early years of his career, he was a breeder and teacher at the University of North Carolina. He moved to the USDA Beltsville Research Station in Beltsville, Maryland, where he cooperated with Dr. Arlen Draper (father of Erik Draper, OSU Extension Geauga County agent) and Dr. John Maas, Small Fruit USDA Plant Pathologist. Dr. Galletta replaced Dr. Donald H. Scott at Beltsville in the early 1970's and quickly continued the breeding of strawberries for resistance against several red stele races. He also assisted with the development of Triple Crown and Chester thornless blackberries and other releases or crosses which were initiated by Dr. Jack Hull in Illinois. Recently the Chester thornless blackberry, which was released 30 years ago, was honored as one of the most significant releases of the 20th century. Before he retired from the USDA he released 'Earlysweet' black raspberry. He was very involved in releases of several blueberry cultivars as well. Truly, he contributed greatly to the eastern US small fruit industry with his own cultivars as well as assisting with breeding material from his predecessors and colleagues.

Dr. Galletta cooperated extensively with many researchers in the United States and in many countries around the world, particularly in Bologna, Italy with Dr. Rosati. He worked closely with many national organizations and North American Strawberry Conferences. Dr. Galletta was a great teacher who could present and demonstrate the art of pruning a blueberry bush as he held the attention of growers with no one leaving the room until he was finished. He enjoyed and inspired students of horticulture.

Dr. Galletta was a very genuine and kind individual who loved, cherished, and respected the people he knew. While I was at the University of Maryland, he encouraged my involvement in the breeding plots where we decided on the 'Scott' and 'Lester' strawberry cultivars from thousands of seedlings planted at the Wye Plantation. In the late seventies we co-authored an article in the USDA Handbook of Agriculture. A great man has left our midst, but we will remember his greatest contributions and gifts to all of us in the Ohio small fruit industry.

## The Pledge of Allegiance

*Source: Red Skelton, as reported in the Federalist, July 1, 2002*

The late Red Skelton related this story of how his favorite childhood teacher, Mr. Laswell, helped his class understand the words to our Pledge of Allegiance. Mr. Laswell was concerned that saying the Pledge had become just one more classroom chore, and he wanted the words of our Pledge to have more meaning.

Mr. Laswell said, "I've been listening to you boys and girls recite the Pledge of Allegiance all semester, and it seems as though it is becoming monotonous to you. May I recite it and try to explain to you the meaning of each word?"

"I" -- me, an individual, a committee of one. "Pledge" -- dedicate all of my worldly goods to give without self pity. "Allegiance" -- my love and my devotion. "To the flag" -- our standard, Old Glory, a symbol of freedom. Wherever she waves, there's respect because your loyalty has given her a dignity that shouts freedom is everybody's job! "of the United" -- that means that we have all come together. "States of America" -- individual communities that have united into 48 great states. Forty-eight individual communities with pride and dignity and purpose; all divided with imaginary boundaries, yet united to a common purpose, and that's love for country.

"And to the republic" -- a state in which sovereign power is invested in representatives chosen by the

people to govern. And government is the people and it's from the people to the leaders, not from the leaders to the people. "For which it stands, one nation" -- one nation, meaning "so blessed by God."

"Indivisible" -- incapable of being divided. "With liberty" -- which is freedom -- the right of power to live one's own life without threats, fear, or some sort of retaliation. "And Justice" -- the principle or quality of dealing fairly with others. "For all" -- which means, boys and girls, it's as much your country as it is mine.

Red Skelton added, "Since I was a small boy, two states have been added to our country and two words have been added to the Pledge of Allegiance... "UNDER GOD." Wouldn't it be a pity if someone said that is a prayer and that would be eliminated from schools too? God Bless America!"

## Michigan Fruit Crop Prospects Slashed by Spring Frosts

*Source: Tom Kalchik, MSU Value Added Extension Agent, Fruit Crop Advisory Team Alert, June 25, 2002*

The Michigan Frozen Food Packers Association held its 47<sup>th</sup> Annual Fruit Crop Guesstimate in Kalamazoo, Michigan on June 20. Here is a summary of the information that was presented.

Michigan Fruit Crop	% of 2001 crop	% of ( ) year average
Cling peaches	22%	23% (3)
Blueberries	90+%	90+% (5)
Sweet cherries	9%	14% (3)
NWest MI apples	variable	na
Eastern MI apples	variable	na
SWest MI apples	50%	na
WCent. MI apples	70-75%	na
State of MI apples	74.7%	na
Tart Cherries	5%	7% (3)

## Pest Phenology

Coming Events	Degree Day Accum. Base 50F
Peachtree borer flight peaks	506-1494
Apple maggot adult 1 <sup>st</sup> catch	629- 1297
Redbanded leafroller 2 <sup>nd</sup> flight begins	656-1381
Codling moth 1 <sup>st</sup> flight subsides	673-1412

Spotted tentiform leafminer 2 <sup>nd</sup> flight peak	701-1355
Oriental fruit moth 2 <sup>nd</sup> flight begins	772-1215
San Jose scale 2 <sup>nd</sup> flight begins	893-1407
Codling moth 2 <sup>nd</sup> flight peak	931-1698

Thanks to *Scaffolds Fruit Journal* (Art Agnello)

## Degree Day Accumulations for Ohio Sites July 4, 2002

Location	Degree Day Accumulations Base 50F	
	Actual	Normal
Akron-Canton	1089	1062
Cincinnati	1411	1481
Cleveland	1114	1026
Columbus	1399	1234
Dayton	1318	1260
Kingsville Grape Branch	987	936
Mansfield	1092	1045
Norwalk	1019	1031
Piketon	1422	1451
Toledo	1205	1025
Wooster	1163	980
Youngstown	1056	949

## SkyBit® Sooty Blotch Prediction for North-Central Ohio

### Observed:

July 1-4: active, but no infection

### Predictions based on weather forecasts:

July 5-10: active, but no infection

## SkyBit® Fire Blight Prediction for North-Central Ohio

**Observed:**

July 1-2: not active

July 3-4: possible infection & damage

**Predictions based on weather forecasts:**

July 5-10: possible infection & damage

## 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

Site: Waterman Lab, Columbus

Dr. Celeste Welty, OSU Extension Entomologist

**Apple: 6/26 to 7/3/02**

RBLR: 18 (down from 37)

STLM: 32 (down from 43)

CM (mean of 3 traps): 2.7 (down from 10.3)

TABM: 2 (down from 3)

SJS: 11 (up from 0)

VLR: 0 (same as last week)

OBLR: 0 (down from 2)

AM (sum of 3 traps): 6 (down from 12)

**Peach: 6/26 to 7/3/02**

OFM: 8 (up from 2)

LPTB: 6 (down from 11)

PTB: 5 (up from 3)

**Site: Wayne County**

Source: Ron Becker, IPM Program Assistant

**Apple: 6/20 to 6/26/02**

STLM: 1302 (up from 1242)

CM (mean of 3 traps): 6.25 (up from 5.3)  
RBLR: 10.1 (up from 2.38)

**Peach:** 6/20 to 6/26/02

OFM: .3 (down from 1)  
LPTB: 0 (down from .3)  
PTB: 1 (down from 1.3)

Note: Aphids and leafhoppers are increasing as we examine the leaves. European red mite is present but still in very low numbers. We are finding two spotted spider mites on strawberries and vegetables and expect to find them soon in apples as well. Most notable is the increase in Woolly apple aphids over the last two weeks.

**Site: East District: Erie & Lorain Counties**

Source: Jim Mutchler, IPM Scout

**Apple:** 6/25 to 7/2/02

CM (mean of 3 traps): 5.5 (down from 12.2)  
STLM: 919 (up from 875)  
SJS: 0 (same as last week)  
OFM: 1.0 (same as last week)  
RBLR: 41.9 (up from 11.9)  
ERM (infested leaves per 25 leaf sample): 0.3  
OBLR: 5.2 (first report)

**Peach:** 6/25 to 7/2/02

OFM: 1.3 (up from 0.3)  
RBLR: 27.7 (up from 2.3)  
LPTP: 18.7 (down from 45.0)  
PTB: 3.7 (up from 1.3)

Beneficials present - native lady beetles, green lacewing eggs and adults, orange maggots, white maggots

**Site: West District: Huron, Ottawa, Sandusky Co.**

Source: Gene Horner, IPM Scout

**Apple:** 6/25 to 7/2/02

CM (mean of 3 traps): 5.2 (down from 5.7)

STLM: 26.8 (down from 44.3)  
OFM: 5.9 (up from 2.0)  
RBLR: 39.1 (up from 17.2)  
SJS: 0 (same as last week)  
OBLR: 2.0 (down from 6.2)  
ERM (infested leaves per 25 leaf sample): 2.9

**Peach:** 6/25 to 7/2/02

OFM: 5.4 (up from 1.2)

RBLR: 69.8 (up from 33)  
 LPTB: 6.4 (down from 11.6 )  
 PTB: 4.2 (up from 2.6)  
 ERM (infested leaves per 25 leaf sample): 1.0

Beneficials present - green lacewing eggs and adults, banded thrips, multi-colored Asian lady beetle, predatory wasps

## Preliminary Monthly Climatological Data for Selected Ohio Locations, June, 2002

Weather Station Location	Monthly Precip	Normal Monthly Precip	Year-to-Date Precip	Normal Year-to-Date Precip	Avg High	Normal High	Avg Low	Normal Low	Mean Temp.	Normal Mean
Akron-Canton	3.09	3.55	22.34	18.82	80.0	78.2	59.6	56.8	69.8	67.5
Cincinnati	3.56	4.42	26.30	22.54	83.1	82.4	62.7	61.6	72.9	72.0
Cleveland	0.92	3.89	19.13	18.47	80.5	77.4	60.2	57.7	70.4	67.6
Columbus	3.47	4.07	21.14	18.82	83.7	81.6	63.3	60.7	73.5	71.1
Dayton	3.26	4.21	21.90	20.59	82.5	80.1	62.5	60.2	72.5	70.1
Fremont	3.65	3.91	17.77	16.68	83.5	80.1	58.6	58.0	71.1	69.0
Kingsville	1.17	4.20	21.05	16.90	79.0	76.5	57.8	56.5	68.4	66.5
Mansfield	4.30	4.52	21.42	21.27	80.6	77.8	59.3	55.8	70.0	66.8
Norwalk	4.29	3.89	22.65	16.97	78.5	78.5	60.8	56.3	69.9	67.4
Piketon	1.16	3.70	19.77	22.30	84.6	81.2	61.6	58.5	73.1	69.9
Toledo	2.00	3.80	16.86	16.61	84.0	79.5	60.4	58.2	72.2	68.8
Wooster	3.25	3.47	20.84	17.38	83.4	79.5	58.2	55.6	70.8	67.5
Youngstown	3.75	3.91	21.62	18.11	79.6	77.1	57.6	54.6	68.6	65.9

Temperatures in degrees F, Precipitation in inches

Record high tied: June 4; Youngstown 87F

*Table Created by Ted W. Gastier, OSU Extension from National Weather Service, OARDC & Local Data*

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