



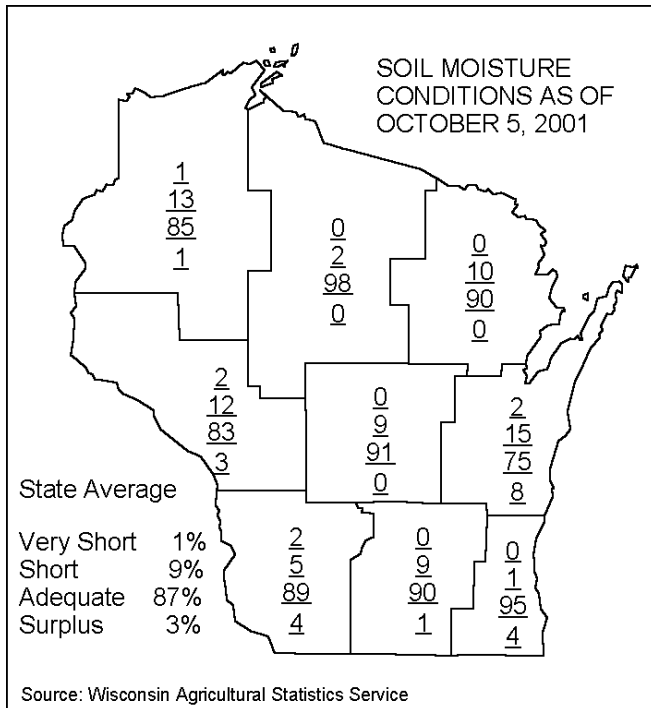
# COOPERATIVE PEST SURVEY BULLETIN

State of Wisconsin  
Department of Agriculture  
Trade & Consumer Protection

Agricultural  
Resource  
Management

BUREAU OF PLANT INDUSTRY P.O. BOX 8911 MADISON, WI 53708-8911  
PHONE: 608-224-4571 FAX: 608-224-4656

## WEATHER AND PESTS

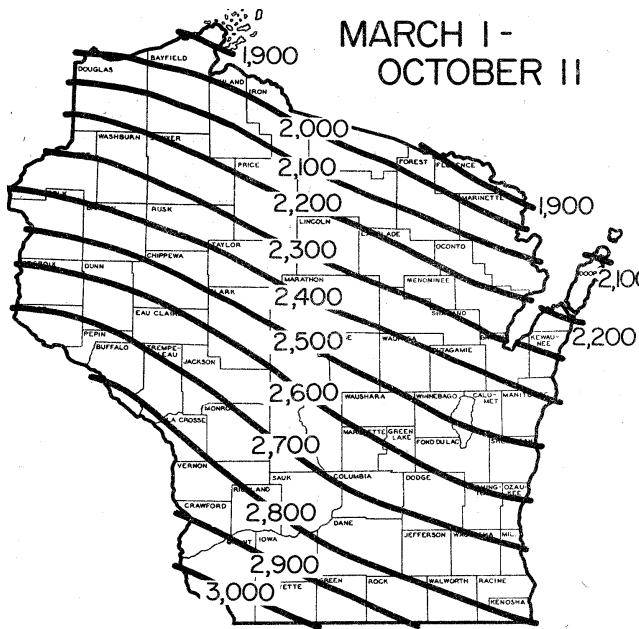


There is a survey at the end of today's Bulletin. In order for you to continue receiving the Bulletin this survey must be completed and mailed back to us. The last question asks if you want to be notified by email of the latest version of the Bulletin uploaded to our website. If you fill in your email address we will take you off the hardcopy mailing list. Mail the survey (with your address label on the back) to:

Pest Survey Bulletin  
WDATCP  
P.O. Box 8911  
Madison, WI 53708-8911

Growing degree days from March 1 through October 10 were:

Site	GDD*1	Base <sup>1</sup>	Base <sup>1</sup>
		48	40
<b>SOUTHWEST</b>			
Dubuque, IA	2865	2849	4663
Lone Rock	2693	2656	4462
<b>SOUTHCENTRAL</b>			
Beloit	2930	2832	4708
Madison	2714	2735	4481
Sullivan	2871	2796	4709
Juneau	2796	2760	4597
<b>SOUTHEAST</b>			
Waukesha	2784	2775	3816
Hartford	2752	2769	4534
Racine	2679	2776	4443
Milwaukee	2625	2691	4368
<b>EAST CENTRAL</b>			
Appleton	2581	2598	4294
Green Bay	2426	2497	4110
<b>CENTRAL</b>			
Big Flats	2572	2508	4206
Hancock	2589	2552	4282
Port Edwards	2439	2463	4083
<b>WEST CENTRAL</b>			
LaCrosse	2747	2592	4500
Eau Claire	2652	2561	4353
<b>NORTHWEST</b>			
Cumberland	2441	2413	4086
Bayfield	1884	1941	3324
<b>NORTH CENTRAL</b>			
Wausau	2242	2273	3816
Medford	2269	2350	3856
<b>NORTHEAST</b>			
Crivitz	2276	2309	3903
Crandon	2154	2153	3673



Historical Average Growing Degree-Days Accumulated Since March 1. (Wisconsin Agricultural Statistics Service)

GDD (Growing Degree-Days) are synonymous with degree-days above modified base 50°F, with no low temperature below 50°F or above 86°F used in calculation. See map for Historical Average Growing Degree Days.

**CORN**

**European Corn Borer** - The fall abundance survey is still in progress, therefore, summary information is not yet available for the entire state. We expect the survey to reach completion by the end of the week. Currently we have averages for the Northwest, North Central, Northeast, West Central, Central, Southwest and Southeast districts (see table below). All districts showed population increases compared to last year (2000-2001), and substantial increases were noted in the Southwest and West Central districts. Extensive shank tunneling was encountered in heavily infested fields, but relatively little ear drop was observed while the survey was in progress. Typically treatment is recommended for any field with an infestation beyond 50% (50 larvae per 100 plants). Complete survey results and summary maps will be available in the November 15th edition of the Cooperative Pest Survey Bulletin.

District	2000	2001
NW	26	33
NC	4	5
NE	3	7
WC	31	67
C	41	48
EC	19	NA
SW	39	87
SC	33	NA
SE	16	36
<b>State Average</b>	<b>24</b>	<b>NA</b>



Iowa State University  
 Department of Entomology  
<http://www.ipm.iastate.edu/pest/cornborer/damage.html>

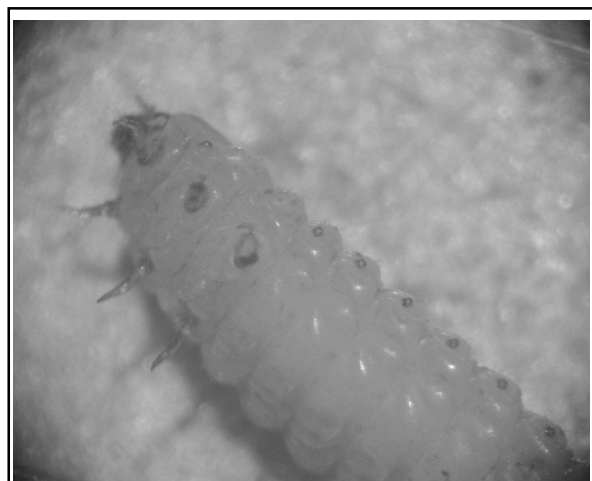
**APIARY**

**Honey bees** – The Wisconsin Honey Producers Association Fall Convention will be held in Oshkosh on November 2 and 3, 2001. To make reservations at the Hilton Garden Inn Oshkosh call (920) 966-1305. All beekeepers and those that would like to be are invited.

**Apiary program – Small hive beetles (*Aethina tumida*)** have been detected in several colonies in Calumet, Oconto and Shawano Cos. The beetles were found in colonies that had overwintered in Florida. The number of beetles was low and there was no damage to the hives.

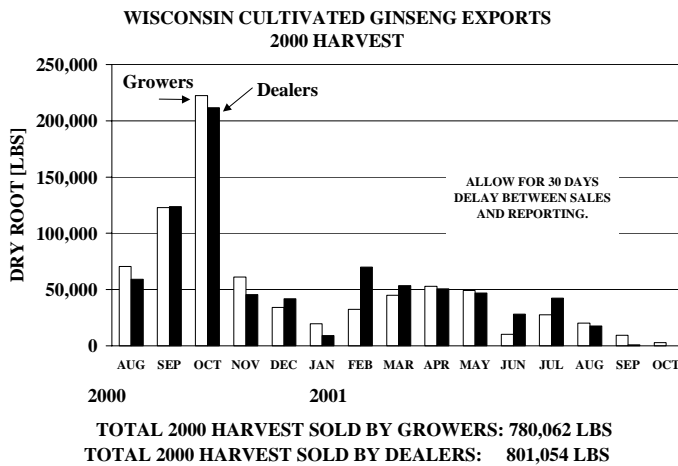


Adult Small hive beetle (*Aethina tumida*)



Small hive beetle larva. Long legs allow them to run swiftly.

**GINSENG**



**Balsam gall midge** - Light to heavy numbers of galled needles were observed on balsam fir at Christmas tree fields in Dunn, Eau Claire, Langlade, Marathon, Monroe, Oneida, Price, Rusk, Shawano, Taylor, Trempealeau and



**FOREST, SHADE TREE, ORNAMENTALS AND TURF**

**Root collar weevil** - Damage from this insect was noticeable on Scotch pine Christmas trees in Langlade and Shawano Cos.

**Pine needle scale** - Localized, heavy infestations were found on Scotch pine at Christmas tree fields in Door, Jackson, Price and Taylor Cos. and at a nursery in Ozaukee Co.

**Spruce gall midge (*Mayetiola piceae*)** - White spruce at Christmas tree fields in Langlade, Lincoln and Rusk Cos. had light to heavy amounts of galling.



Waushara Cos.

**Viburnum crown borer** - A localized but severe infestation of **viburnum crown borer** was found on *V. trilobum* at a nursery in Washington Co.

**Linden borer** - Greenspire linden was sustaining most of the damage from this insect but some American lindens were also found to be infested at a nursery in Washington Co.

**Pine pitch midge** - Trace amounts of damage to white pine were observed in Christmas tree fields in Chippewa, Clark and Jackson Cos.

**Pine webworm** - Infestations were light to moderate in Christmas tree fields in Polk Co.

**Zimmerman pine moth** - Light to heavy damage was noticed on Scotch pine at Christmas tree fields in Adams, Clark, Eau Claire, Iowa, Jackson, Marinette, Monroe, Racine, Waupaca and Waushara Cos.

**Rhizosphaera needle cast** - Colorado spruce had light to heavy infections at Christmas tree fields in Clark, Eau Claire, Iowa, Jackson, Langlade, Lincoln, Marinette, Marquette, Ozaukee, Price, Racine, Rusk, Taylor, Washington, Waupaca and Waushara Cos. It was found on balsam fir at Christmas tree fields in Adams, Clark, Jackson, Marathon, Monroe, Price and Waupaca Cos.

**Sphaeropsis blight** - Light amounts of damage were noticed on Austrian pine at a nursery in Washington Co. It was found on Scotch pine Christmas trees in Jackson, Marathon and Waushara Cos.

**Tar spot** - Small numbers of silver maple and autumn blaze maple had lesions on their leaves at nurseries in Manitowoc, Ozaukee and Washington Cos.

**Golden canker** - Moderate numbers of pagoda dogwood at a nursery in Washington Co. were being affected by this disease.

**White pine blister rust** - Light to moderate infections were noticed in Christmas tree fields in Chippewa, Clark, Dunn, Jackson, Price and Taylor Cos.

**Lirula needle cast** - Light amounts were found on balsam fir at Christmas tree fields in Ashland, Langlade, Oneida, Price, Rusk, Sawyer and Taylor Cos.

**STATE/FEDERAL PROGRAMS**

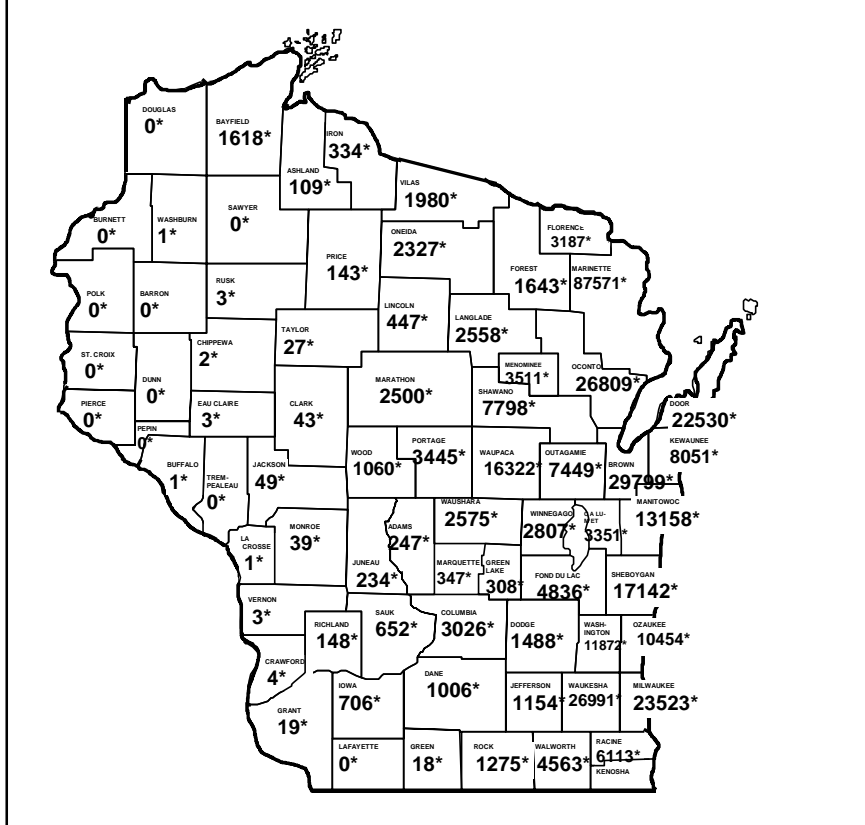
**Gypsy moth program** - Trappers have completed taking down traps statewide and have caught 336,905 male gypsy moths. Cooperator data has also been tallied and that will add 37,645 moths to make an unofficial total of 374,550 male gypsy moth trapped in Wisconsin in 2001. Regulated counties had the highest totals some of which are: Brown (29,799), Door (22,530), Manitowoc (13,158), Marinette (87,571), Milwaukee (23,523), Oconto (26,809), Ozaukee (10,454), Sheboygan (17,142), Washington (11,872), Waukesha (26,991), and Waupaca (16,322). In all, the regulated counties made up 92% of the total catch.

The remaining 8% (30,667 moths) were caught in the non-regulated counties or western 2/3 of the state. Eleven counties still had zero counts. See map for details.

Fall egg mass surveys will start October 22 and will last for 4 weeks. Surveyors will search for alternate life stages of the gypsy moth which are: egg masses, cast skins, and pupal shells. This is done to detect any reproducing populations in the western 2/3 of the state. Information gained from the surveys and from the trapping program will help determine next year's treatment program. We appreciate landowner cooperation allowing us to survey on private property. Surveyors will be wearing orange vests and carry a picture ID card. They are instructed to make landowner contacts before going on private property but if no one is home an information sheet is left in the door to let people know of the surveys.

**PRELIMINARY TRAP TAKE DOWN 2001 DATA** (as of 10/8/01)

Trap take down results. (99% complete statewide) **336,905 moths**  
 This does include cooperator data. **37,645 moths**  
 \*Takedown complete in all counties. **374,550 moths**



For more information on the GYPSY MOTH PROGRAM, please call our hotline at 1-800-642-MOTH or visit our website at <http://datcp.state.wi.us> and type in gypsy moth in the search box.

PESTSURVEYBULLETINREADERQUESTIONNAIRE

1. Check the category that best describes you.

- |   |   |
|---|---|
| <input type="checkbox"/> Farmer/Crop Producer     | <input type="checkbox"/> Crop/ Pest Consultant        |
| <input type="checkbox"/> Apple Grower             | <input type="checkbox"/> Pesticide Applicator         |
| <input type="checkbox"/> Fresh Market Veg. Grower | <input type="checkbox"/> Pesticide Dealer             |
| <input type="checkbox"/> Food Processor           | <input type="checkbox"/> Regulatory/ State or Federal |
| <input type="checkbox"/> Nursery Operator         | <input type="checkbox"/> Media/Radio, TV, Print       |
| <input type="checkbox"/> Forestry                 | <input type="checkbox"/> Extension                    |
| <input type="checkbox"/> Christmas Tree Grower    | <input type="checkbox"/> Research                     |
| <input type="checkbox"/> Landscaper               | <input type="checkbox"/> Educator                     |
|   | <input type="checkbox"/> Other _____                  |

2. Did you use information from the Cooperative Pest Survey Bulletin to help make pest management decisions or recommendations in 2001?

- YES  
 NO

b. If YES, about how many times during 2001 did you consult the Bulletin for decision making purposes?

\_\_\_\_\_

3. Did information in the Bulletin make/save money for you or your clients in 2001?

- YES  
 NO

b. If YES, did you save money by:

- preventing unnecessary pesticide use?  
 applying pesticides when needed?  
 time was saved in determining pest problems?  
 Other? \_\_\_\_\_

c. If you saved money using information in the Bulletin, how much do you think you saved?

\_\_\_\_\_

4. Which section of the Bulletin is of ***MOST*** value to you? Check one:

- |  |  |
|--|--|
| <input type="checkbox"/> Weather and Pests         | <input type="checkbox"/> Fruit                                 |
| <input type="checkbox"/> Alerts                    | <input type="checkbox"/> Orchard Trapping                      |
| <input type="checkbox"/> Corn                      | <input type="checkbox"/> Forest, Shade Tree, Turf & Ornamental |
| <input type="checkbox"/> Forages                   | <input type="checkbox"/> Ginseng                               |
| <input type="checkbox"/> Small Grains              | <input type="checkbox"/> Apiary                                |
| <input type="checkbox"/> Soybeans                  | <input type="checkbox"/> State/Federal Programs                |
| <input type="checkbox"/> Vegetables                | <input type="checkbox"/> Blacklight Trapping                   |
| <input type="checkbox"/> Degree Day Table and Maps | <input type="checkbox"/> Soil Moisture Map                     |

5. Which section of the Bulletin is of ***LEAST*** value? \_\_\_\_\_

6. Describe the timeliness of information in the Bulletin:

- Always timely enough to be useful.  
 Usually timely.  
 Sometimes too late to be useful.  
 Usually late.

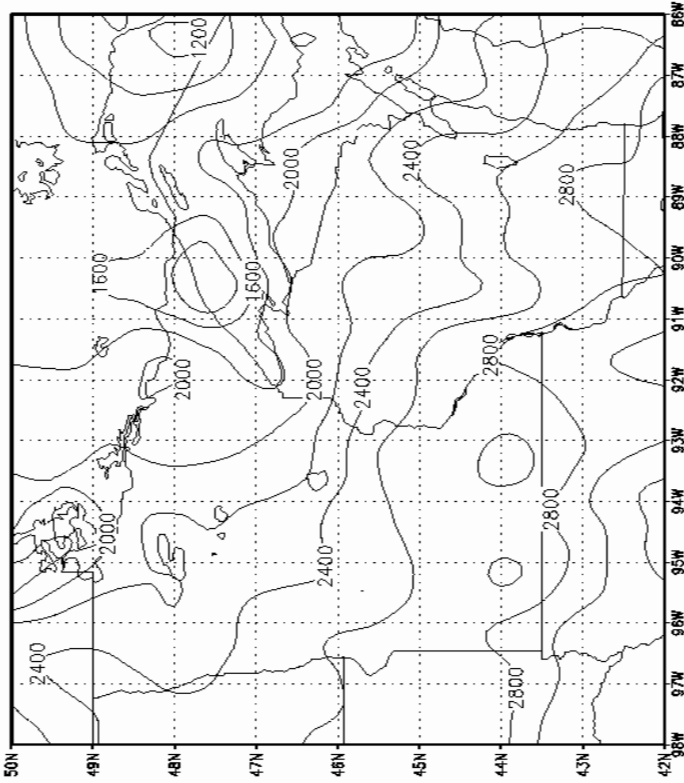
7. Do you access our website to view/print the Bulletin online?

- YES  
 NO

b. If YES, would you like to be notified by email when the newest Bulletin is uploaded?

email: \_\_\_\_\_

Base 50F D.D. from 1 Jan to 10 October 2001



**Department of Agriculture,  
Trade & Consumer Protection**

Agricultural Resource Management Division  
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Madison WI 53708-8911

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