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Insects, Mites, And Nematodes

What an Incredible Black Cutworm Catching Season

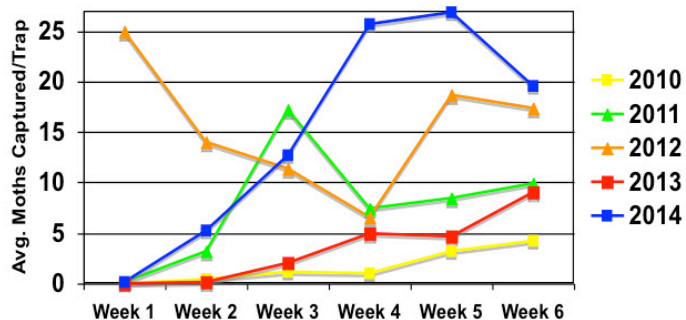
– (John Obermeyer and Christian Krupke)

- Thanks to the pheromone trap cooperators!
- Record number of moths caught this spring.
- According to heat unit accumulations, NOW is the time to be scouting!
- Get muddy in the field, replanting is not a good option at this point.

Every spring, dozens of cooperators throughout the state put forth considerable effort in trapping for the arrival and intensity of black cutworm moths. This year, especially, they were very busy showing off their counting skillz! I'm personally indebted to these faithful bug counters, hoping you also appreciate their efforts as reported in the "Black Cutworm Adult Pheromone Trap Report." If you recognize a name or two on this list of reporters, by county, please thank them!

As you can see from the past year's trap comparison graph, 2014 black cutworm moth catches has not only broken past records, it has blown the doors off. With this and a larval development model (see the accompanying "Black

Black Cutworm Trap Comparisons 2010 - 2014



Cutworm Development Map") it allows us to alert pest managers to be scouting emerging corn.

NOW IS THE TIME TO SCOUT!!!

Admittedly, this is not an exact science. But one must consider the moth catches in Weeks 4 and 5, the last week of April and first of May. If nearly as many female moths have

accompanied the male moths (pheromone traps only attract male moths) into Indiana, one has to agree that the "stage is set" for significant black cutworm damage.

During this wet period for the state, scout high-risk fields for cutworm corn leaf feeding and/or cutting. Don't be overly reliant on seed-applied insecticides or traited corn to protect

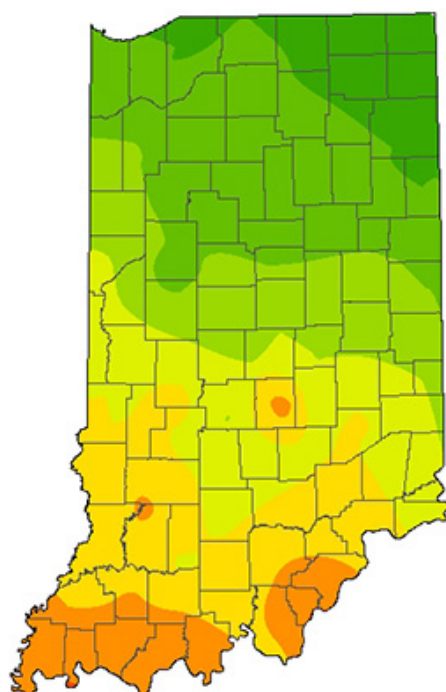
your stand, they will not withstand severe pressure. Fields yet to be planted to corn are especially prone to damage, as the cutworms are likely established and feeding on weedy growth as you read this.

Happy, and muddy, Scouting!



Black Cutworm Development Map

Heat Units Base 50
Apr 13 - May 14 2014

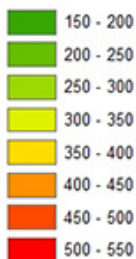


Analysis by Indiana State Climate Office
Web: <http://www.idimate.org>

Bug Scout says: "High risk fields to black cutworm damage should be scouted in all southern counties!"

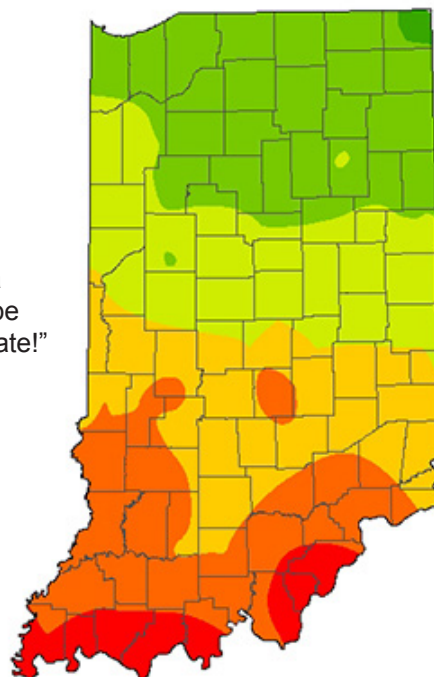


HU 50



Alfalfa Weevil Development Map

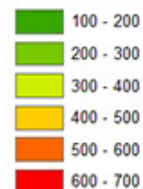
Heat Units Base 48
Jan 1 - May 14 2014



Bug Scout says: "Alfalfa weevil damage should be noticeable 2/3 up the state!"



HU 48



Analysis by Indiana State Climate Office
Web: <http://www.idimate.org>

Black Cutworm Adult Pheromone Trap Report
Week 1 = 5/1/14 - 5/7/14, Week 2 = 5/8/14 - 5/14/14

County	Cooperator	BCW Trapped		County	Cooperator	BCW Trapped	
		Wk 1	Wk 2			Wk 1	Wk 2
Adams	Kaminsky/New Era Ag	17*	6	Knox	Bower/Ceres Solutions/Oaktown	0	0
Adams	Roe/Mercer Landmark	40*	10	Knox	Bower/Ceres Solutions/Freelandville	4	0
Allen	Anderson/Syngenta Seed	5	5	Knox	Bower/Ceres Solutions/Vincennes	24*	5
Allen	Gynn/Southwind Farms	12	8	Knox	Hoke/SWPAC	1	3
Benton	Babcock/Ceres Solutions		8	Lake	Kleine/Kleine Farms	3	104*
Boone	Campbell/Beck's Hybrids	29	20	Lake	Moyer/Moyer Seed Sales - Shelby		
Boone	Carrell/Lamb Farms	36*	28*	Lake	Moyer/Moyer Seed Sales - Schneider	15	25*
Clark	Hynes/Clark Co. CES	7	2	LaPorte	Barry/Kingsbury Elevator	9	10
Clay	Bower/Ceres Solutions - Brazil	17*	4	LaPorte	Rocke/Agri-Management Solutions		24*
Clay	Bower/Ceres Solutions - Bowling Green	6	1	Miami	Early/Pioneer	18	6
Clinton	Foster/Purdue Entomology	37*	23	Montgomery	Stine/Nicholson Consulting		
DeKalb	Hoffman/ATA Solutions	18	34*	Newton	Moyer/Moyer Seed Sales	4	6
Dubois	Eck/Dubois Co. CES	9	7	Porter	Leuck/PPAC	9	13
Elkhart	Kaufman/Crop Tech Inc.	75*	85*	Putnam	Nicholson/Nicholson Consulting	18	6
Fayette	Schelle/Falmouth Farm Supply	19		Randolph	Boyer/DPAC	13	8
Fountain	Mroczkiewicz/Syngenta	74*	43*	Rush	Schelle/Falmouth Farm Supply	1	
Fulton	Jenkins/N. Central Coop - Rochester	26*	16*	Starke	Wickert/Wickert Agronomy Services	0	2
Fulton	Jenkins/N. Central Coop - Kewanna	68*	19*	Sullivan	Bower/Ceres Solutions - Farmersburg	35*	8
Gibson	Schmitz/Gibson Co. CES	0	0	Sullivan	Bower/Ceres Solutions - Sullivan E	17*	19*
Hamilton	Campbell/Beck's Hybrids	80*	26*	Sullivan	Bower/Ceres Solutions - Sullivan W	28*	16
Hendricks	Nicholson/Nicholson Consulting	163*	24*	Sullivan	Bower/Ceres Solutions - New Lebanon	3	5
Jasper	Overstreet/Jasper Co CES	0	1	Tippecanoe	Bower/Ceres Solutions	9	6
Jasper	Ritter/Brodbeck Seeds - 3 E	40*	22	Tippecanoe	Nagel/Ceres Solutions	167*	135*
Jasper	Ritter/Brodbeck Seeds - 8 E	57*	51*	Tippecanoe	Obermeyer/Purdue Entomology	21*	7
Jay	Shrack/RanDel AgriServices	16	12	Tippecanoe	Quinton/Monsanto	39*	24*
Jennings	Bauerle/SEPAC	8	1	Whitley	Walker/NEPAC	18	52*

*=Intensive Capture...this occurs when 9 or more moths are caught over a 2-night period

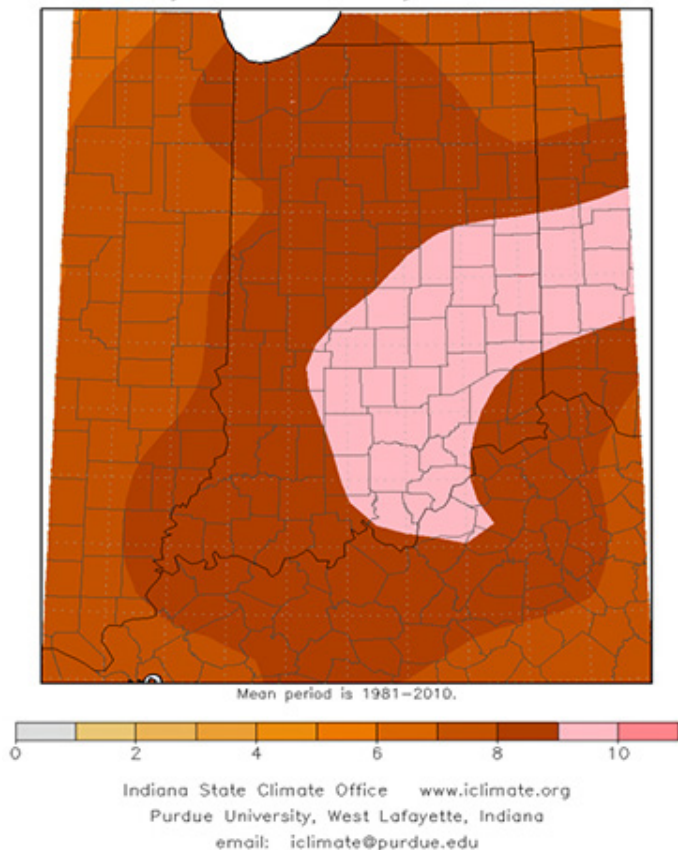


Armyworm Pheromone Trap Report - (John Obermeyer)

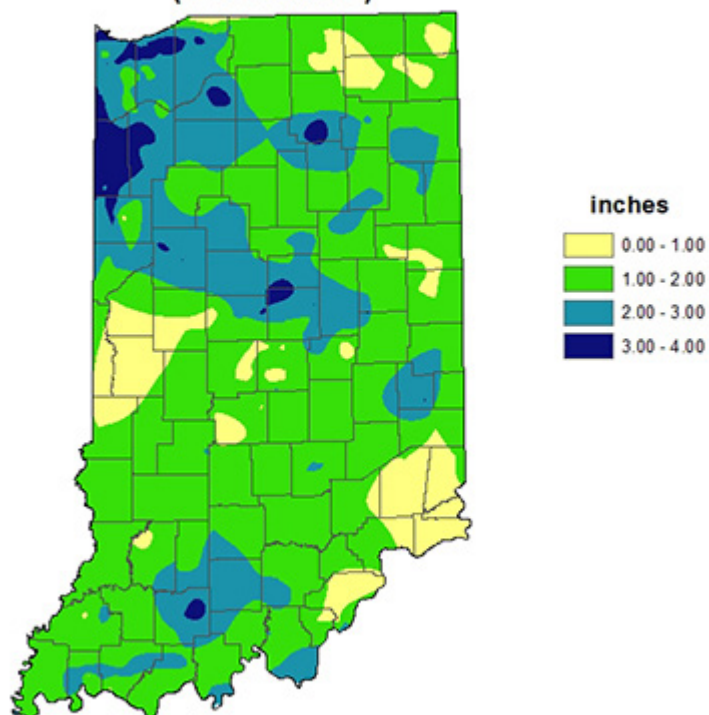
County/Cooperator	Wk 1 = 4/3/14 - 4/9/14; Wk 2 = 4/10/14 - 4/16/14; Wk 3 = 4/17/14 - 4/23/14; Wk 4 = 4/24/14 - 4/30/14; Wk 5 = 5/1/14 - 5/7/14; Wk 6 = 5/8/14 - 5/14/14											
	1	2	3	4	5	6	7	8	9	10	11	12
Dubois/SIPAC Ag Center			2	0	0	1						
Jennings/SEPAC Ag Center	0	0	0	0	0	0						
Knox/SWPAC Ag Center	0	0	0	0	0	0						
LaPorte/Pinney Ag Center	0	0	1	1	14	3						
Lawrence/Feldun Ag Center	1	8	10	10	0	5						
Randolph/Davis Ag Center	0	2	1	1	1	0						
Tippecanoe/Meigs			1	0	0	0						
Whitley/NEPAC Ag Center	0	1	2	17	20	35						

Weather Update

Average Temperature (°F): Departure from Mean
May 7, 2014 to May 13, 2014



Total Rainfall
May 8 - 14 2014
CoCoRaHS network
(427 stations)



Analysis by Indiana State Climate Office
Web: <http://www.iclimat.org>

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