BETWEEN THE ROWS

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In This Issue:

Stink Bug Management in Cotton

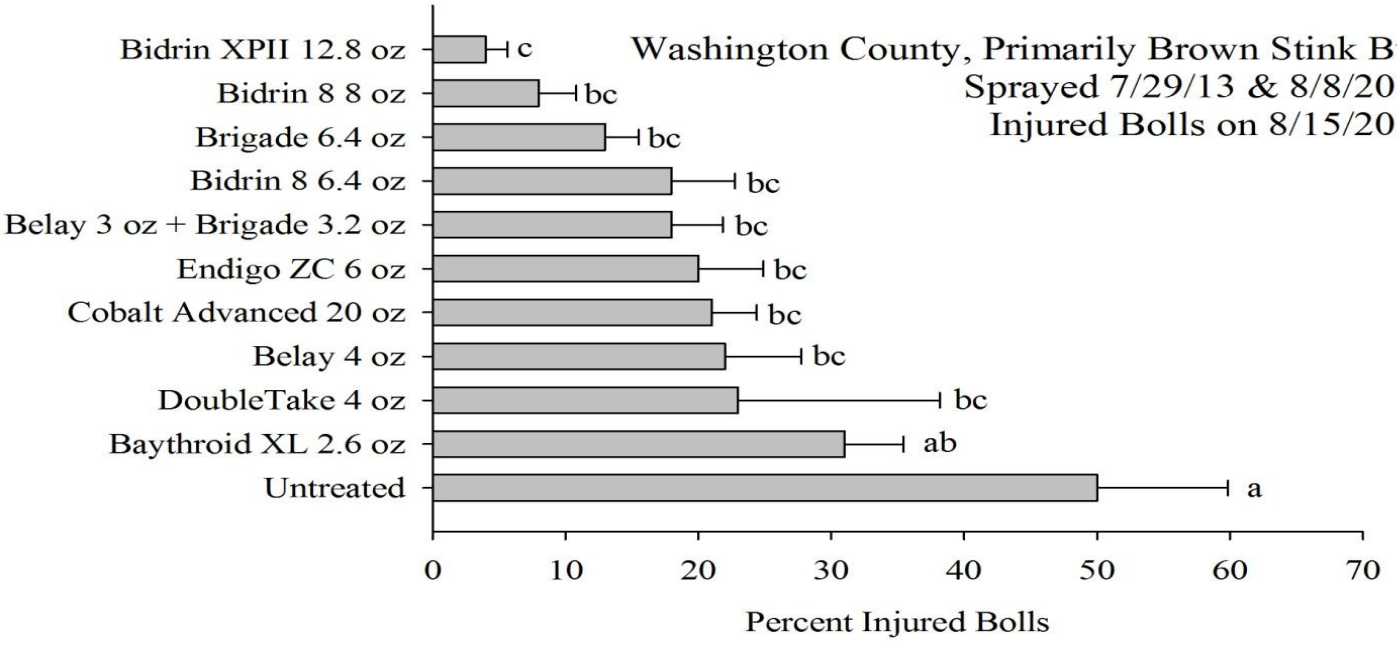
Stink bug damage results in the puncturing of boll walls, which in turn could lead to a reduction in yield and lint quality if threshold levels are exceeded.

Scouting: One boll/acre but no less than 25 bolls/field is the sampling size, examine inner boll wall for stained lint.

Threshold: between weeks 3 and 5 of the bloom period are most critical. Threshold is 10 percent of bolls with internal damage during this period..

Treatment Options: see table below and consult the 2014 North Carolina Agricultural Chemicals Manual. Products that perform well on stink bugs tend to do a good job with plant bugs as well.

Stink Bug Spray Efficacy Table



Insect Management in Soybeans

Some of the full season soybean acreage in Wayne County is approaching R3 (pod set). Now is a good time to be monitoring pod-feeding insect pests if you have soybeans in early reproductive growth, primarily corn earworm and stink bugs.
For treatment options, consult the 2014 North Carolina Agricultural Chemicals Manual.

Corn Earworm:

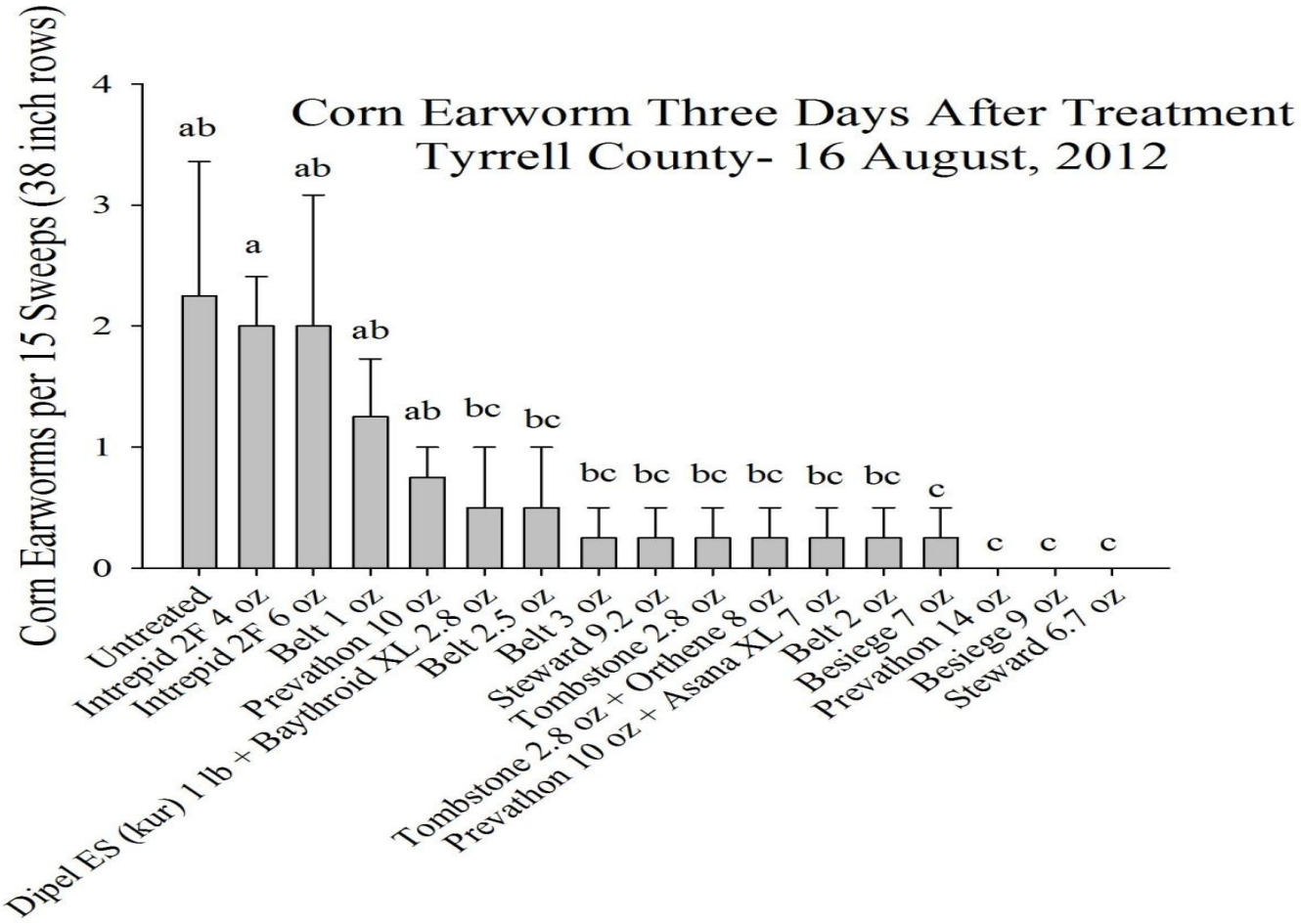
Below is a link that will direct you to the corn earworm threshold calculator.

http://www.ces.ncsu.edu/plymouth/ent/cewthresholdcalc.html

Example:
Method of Sampling: Sweep Net
Control Cost: $20.00/ac
Price of Soybeans: $11.00/bushel
Row Width: 14 inches (choices include 7, 14, 21 inch rows)

Using the above estimates, corn earworm threshold would be 3 worms per 15 sweeps.

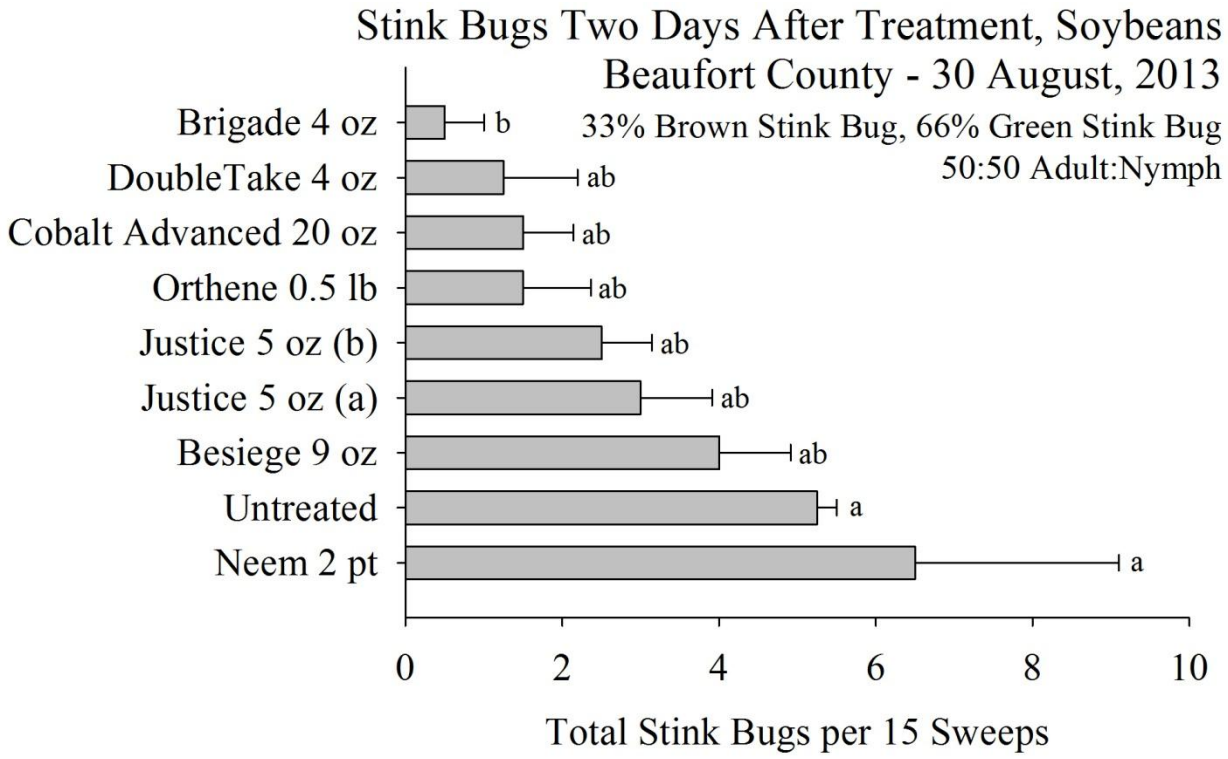
Please reference the spray efficacy table below when making application decisions

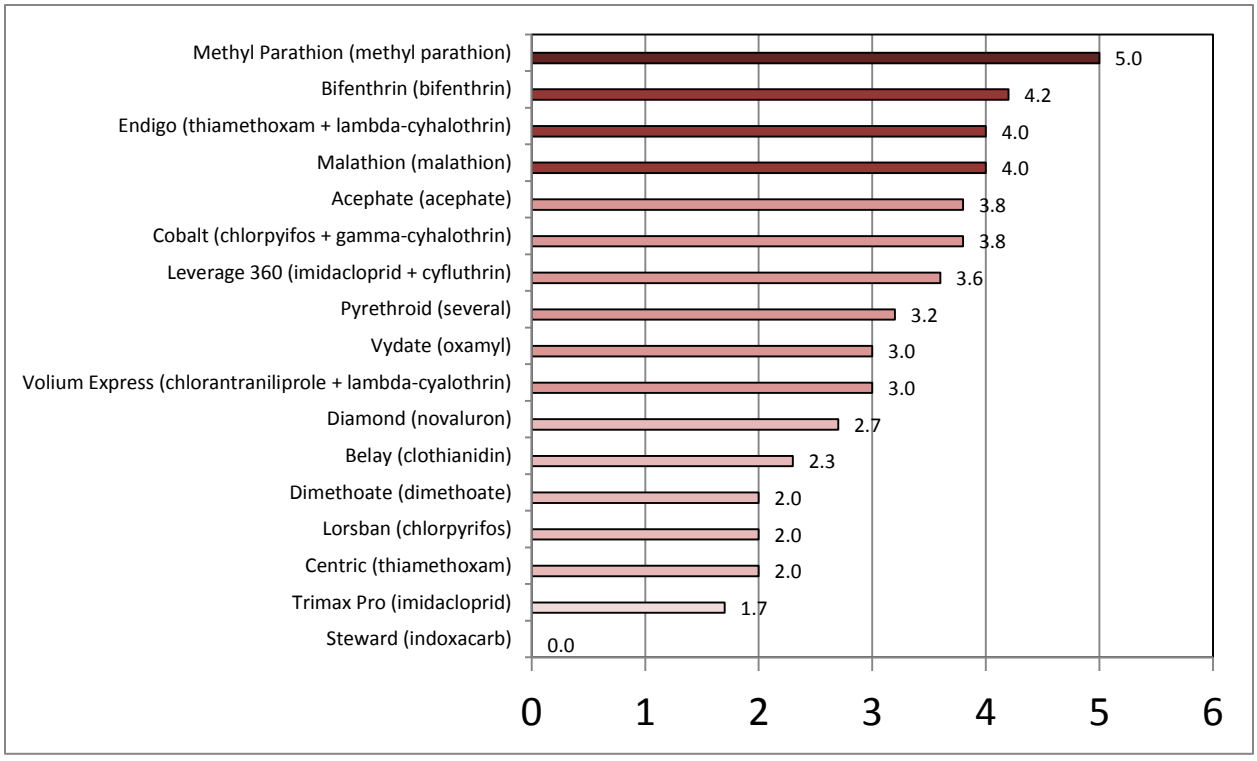


Stink Bugs:

Stink Bugs suck juices from soybean seeds, resulting in pod drop and reduction in yield. Do not worry about stink bugs until pods begin to form.

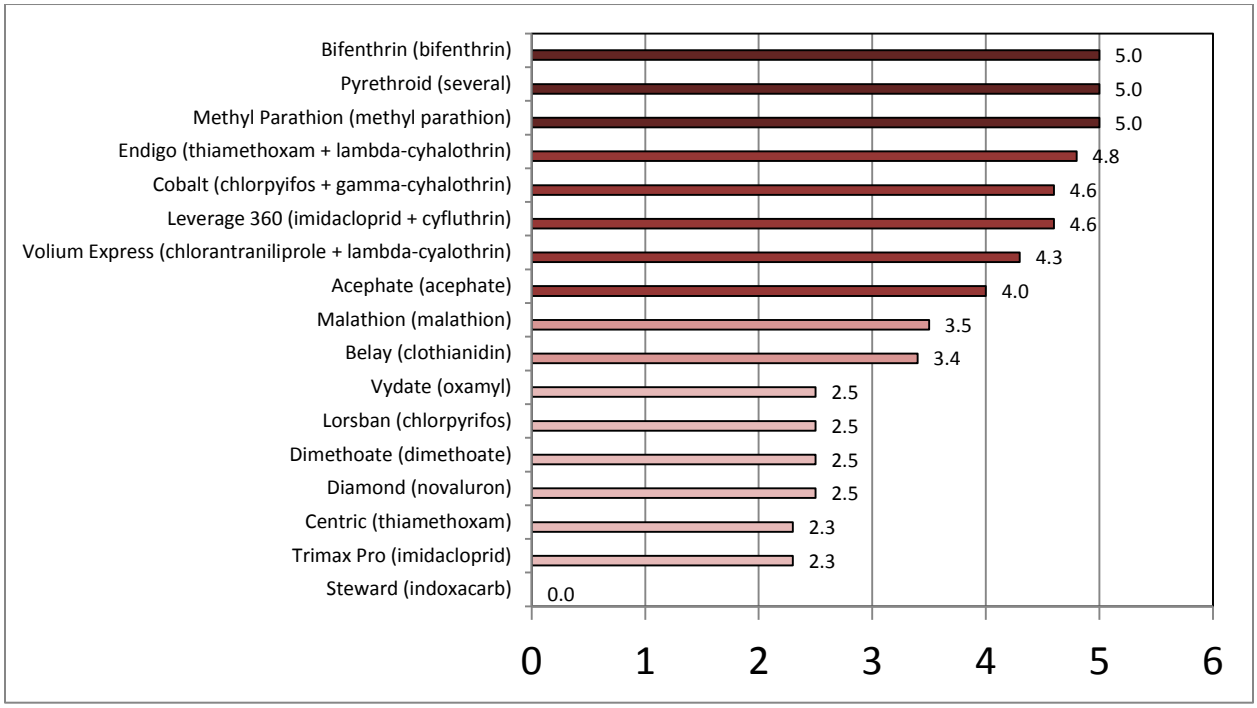
Threshold: 1 stink bug per 1 foot of row





0=No Control, 1=Poor Control, 2=Marginal Control, 3=Fair Control, 4=Good Control, 5=Excellent Control

GREEN/SOUTHERN GREEN STINK BUG-SOYBEANS-2012 DATA



0=No Control, 1=Poor Control, 2=Marginal Control, 3=Fair Control, 4=Good Control, 5=Excellent Control

*All spray efficacy tables were received from the NCSU Entomology Department.

Upcoming Events:

September 4th: Peanut Field Day at Peanut Belt Research Station (Lewiston-Woodville)
Contact: David Jordan (919-515-4068)
Time: TBA

September 10th: Cotton Field Day at East Carolina Ag Center and Upper Piedmont Research Station (Reidsville)
Contact: Keith Edmisten (919-515-4069)
Time: 10 am-5 pm

September 24th: Pesticide Recertification Training, Wayne County Extension Office
10 am-12 pm (V certification)
1 pm-3 pm (X certification)
Call: 919-731-1527 to register

September 25-October 4: Wayne Regional Agricultural Fair

Tyler Whaley
Extension Agent
Agriculture and Natural Resources

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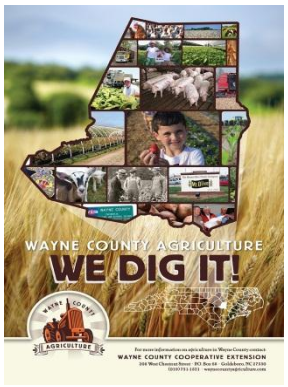
Wayne County

Wheat Variety Yield Data – 2014



Cooperator: Keith Waller, Smith's Chapel, NC

Planting Date: October 29, 2013

Seeding Rate: 28 seed/foot, no-till

Row Spacing: 7.5 inches

Harvest Date: June 18, 2014

Variety	Moisture %	Test Weight	Yield (Bu/Ac)
Pioneer 26R41	12.0	58.0	89.86
USG 3592	11.6	58.2	86.87
DG Shirley	11.6	57.1	82.89
Southern States 520	12.5	56.1	82.05
Becks 113	11.7	56.3	79.96
Coker 9553	12.2	59.0	79.51
Oakes	12.2	58.7	78.38
Becks 129	12.1	56.4	76.78
Pioneer 26R53	11.9	58.3	75.82
Agrimax 415	11.9	58.2	75.82
Progeny 357	11.9	55.8	75.82
Becks 135	12.1	58.2	75.64
Progeny 870	12.1	55.4	75.09
Southern States 8500	11.9	58.2	74.69
Progeny 185	12.1	57.4	72.26
SY Harrison	12.2	56.6	70.48
DG 9223	11.8	56.2	69.67
DG 9042	11.2	55.7	69.01
SY 9978	12.7	55.8	68.41
Southern States 5205	12.0	57.7	68.39
Agrimax 413	11.8	56.2	67.98
Pioneer 26R10	12.7	55.4	58.31

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