

**1995**  
**Pest Management and Crop**  
**Production Newsletter Index**

**Insects, Mites, and Nematodes**

*Alfalfa Weevil*

- Alfalfa Weevil, Early Out of the Starting Gate – 2
- Alfalfa Weevil Larval Survey – 2, 3, 4, 5, 6, 7, 8, 9
- Alfalfa Weevil Activity in Southern Indiana at a Critical Stage – 3
- Use Alfalfa Weevil Management Guidelines – 3
- Cool and Wet Conditions Haven't Slowed the Alfalfa Weevil – 4
- Weevil larval Populations Continue to Increase Northward – 5
- Alfalfa Weevil Activity Slowed Somewhat – 7
- Correction to Alfalfa Weevil Insecticide Table – 8
- Alfalfa Weevils Now a Threat to Northern Indiana – 9
- Watch for Alfalfa Weevil after Harvest – 9

*Armyworm*

- Scout Wheat Fields for Armyworms – 6
- Armyworms in Corn – 11

*Bean Leaf Beetle*

- Bean Leaf Beetles Now Active – 9
- Bean Leaf Beetles and Emerging Soybeans – 12
- Bean Leaf Beetles Numbers in Soybeans Rapidly Decreasing – 13

*Bees*

- Bee Alert! – 10

*Black Cutworm*

- 1995 Black Cutworm Pheromone Trap Locations – 2
- Black Cutworm Adult Pheromone Trap Report – 2, 3
- Black Cutworm Preparation?! – 3
- Black Cutworm Moths Carried into State in Recent Weather Fronts – 4

Black Cutworm Moths Continue to Move into the State – 5

Farmer Innovation and Biological Control – 6

Black Cutworm: Timing is Everything – 7

Black Cutworm: Is It or Isn't It – 10

Cutworm Calls Increased This Week, Numerous Control and Replant Questions Addressed – 11

*Blacklight Traps*

1995 Blacklight Trap Locations – 2

Blacklight Trap Catch Report – 7-26

*Corn Earworm*

Corn Earworm Moths are Flying – 14

Corn Earworm Adult Pheromone Trap Report – 14, 15, 16, 17, 18, 19, 20, 21, 22, 24

Corn Earworms and Hurricanes – 20

*Corn Leaf Aphid*

Corn Leaf Aphid Surveys in Pre-Tasseling Corn Fields – 17

Scout Now for Corn Leaf Aphids – 17

*Corn Rootworm*

Controlling Corn Rootworm Larvae in 1995 – 1  
Points to Follow if Using a Soil Insecticide for Corn Rootworm Larval Control at Below Labeled Rates – 2

Corn Rootworm Injury in First-Year Corn – 2

Should a Rootworm Soil Insecticide Be Used on Corn at this Date? – 10

Corn Rootworm Larval Control in Late Corn Plantings – 11

An Insecticide for Corn Rootworm larval Control in Late Corn Plantings May Still be Needed – 12

Corn Rootworm Larvae Have Started to Hatch in Central Indiana – 13

Western Corn Rootworm Beetles Emerging - 16

Western Corn Rootworm Larval Damage – 17

Sweep Soybeans for Rootworm Beetles – 18

Western Corn Rootworm Beetle Counts in Soybeans in Northwestern Indiana – 19

### *European Corn Borer*

1992-1994 Overwintering ECB Larvae – 1  
European Corn Borer Survey Results, Fall 1994 – 1  
Overwintering European Corn Borer Populations at Low Levels – 1  
European Corn Borer Moths Should be Emerging in Southern Indiana – 8  
How to and Why Use the European Corn Borer Forecast – 8  
European Corn Borer Forecast – 9-24  
First Corn Borer Moths Captured as Predicted – 10  
European Corn Borer Active in Southern Indiana – 11  
European Corn Borer Egg Mass Survey – 11  
European Corn Borer Larval Populations Increasing in the Taller Corn in Southern Indiana – 12  
European Corn Borer Survey – 12, 13, 14  
Corn Over 18 Inches in Extended Leaf Height Should be Watched Closely for European Corn Borer Larvae – 13  
Watch for Stalk Entry by Corn Borers – 15  
Second Generation Corn Borers Active – 18  
Continue to Watch for European Corn Borer Activity in Corn Fields – 19  
European Corn Borer Moths Flying High in Numbers – 24

### *Fall Armyworm*

Fall Armyworms Observed in Late and Replanted Corn Fields in Extreme Southwest Indiana – 18

### *Flea Beetles*

Potential for Stewart's Wilt of Corn Greater in 1995 Due to Favorable Weather This Winter for Corn Flea Beetle Survival - 3  
Flea Beetles in Corn Fields – 8

### *Grasshoppers*

Watch for Grasshoppers in Field Crops – 16

### *Hessian Fly*

Plant Wheat After Fly-Free Date to Reduce Impact of Hessian Fly Plant Disease – 24

### *Insecticides*

Calibrate Insecticide Boxes Before Planting – 1  
Managing Seed Attacking Insects in Field Crops – 2

### *Insects (Miscellaneous)*

Southwestern Indiana Wheat Fields Alive With Flies – 2  
Corn Herbicide and Insecticide Precautions – 3  
Seed Attacking Insects – 5  
What's Eating the Thistles and Will it Eat Soybeans? – 10  
Watch for Silk Feeding Insects – 17  
Watch for Soybean Defoliators, Especially Japanese Beetle and Grasshoppers – 18  
Japanese Beetle, Bean Leaf Beetle, and Western Corn Rootworm Surveys in Soybeans – 19, 22  
Watch Late Pollinating Fields for Insect Activity – 20  
Soybean Pod Feeders Starting to Become Active – 21  
Don't Forget to Watch for Soybean Defoliators – 21  
Look For Soybean Pod Feeders – 24

### *Japanese Beetles*

Japanese Beetles; They're Here! - 14  
Japanese Beetles and Feeding – 15

### *Nematodes*

So You Have Soybean Cyst Nematode...What Resistant Variety Should You Use? – 2  
Survey of Indiana for Soybean Cyst Nematode – 4  
Soybean Cyst Nematode Testing – 26

### *Potato Leafhoppers*

Warmer Temperatures will Speed Potato Leafhoppers Development and Increase Potential for Damage on Alfalfa – 13  
Potato Leafhopper Populations Still Increasing – 14  
Potato Leafhopper Survey in Alfalfa – 16

Rain Complicates Alfalfa and Potato Leafhopper Management – 16

### *Slugs*

Slugs and Tillage – 6

Slugs, Wet Weather, and No-Till – 12

### *Spider Mites*

Twospotted Spider Mites Could be Active in Droughty Soybeans - 22

### *Stalk Borers*

Stalk Borer Moths can be Attracted to Grassy-type Cover Crops and/or Weeds for Egg Laying – 6

Stalk Borers Just Don't Seem to Give Up – 13

### *White Grubs*

Management Strategies for White Grubs – 2

White Grubs Observed in a Corn Field in Tippecanoe County – 5

White Grubs Again – 7

White Grub Activity Continues, Control and Replant Questions Increase – 10

### *Wireworms*

Sampling for Wireworms Prior to Planting is Important in Some Fields – 1

## **Vertebrates**

Snakes Around the Barn – 16

Raccoons – 22

## **Weeds**

### *Alfalfa*

Pursuit Labeled for Alfalfa – 1

Dormant Herbicide Applications in Alfalfa – 2

Pursuit for Weed Control in Alfalfa – 2

Pursuit 70 DG on Alfalfa – 3

Weed Control in Summer Seedings of Alfalfa – 21

### *Aquatic*

Aquatic Weed Control – 4

### *Corn*

Corn Herbicide and Insect Precautions – 3

Early Preplant Herbicides for Corn – 3

Rotational Cropping Restrictions for Various Corn and Soybean Herbicides – 3

Sencor DF Labeled for Corn – 7

Replant Options for Corn Herbicides – 9

Postmergence Herbicides for Corn – 10

Buggy-Whipping of Corn Leaves – 14

### *Miscellaneous*

Herbicide Selector Program – 1

Late Post Herbicide Restrictions – 1

New Herbicides for 1995 – a Quick Glance – 1

Perennial Grasses in No-Till -1

Burndown Applications in No-Till – 2

Command Early Preplant – 2

Herbicide Table: Single Products and Premixes – 6

Rains Delay Herbicide Options Now that the First Applications Did Not Work – 7

Large Weeds in No-Till Reminder – 10

Saturated Soils and Herbicide Loss – 13

Here We Go Again! – 14

Cyanazine (Bladex and Extrazine) Announcement – 20

Alanap-L + Butyrac 200 or Butoxone Receives Special Local Need (24C) Label – 20

A Preharvest Tip – 24

Harvest Aid Herbicides – 25

### *Pasture*

Pasture Weed Control – 9

### *Small Grains*

Weed Control in Small Grains – 2

### *Sorghum*

Planting Sorghum – 12

### *Soybeans*

Early Preplant Herbicides for Soybeans – 4

Rotational Cropping Restrictions for Various Corn and Soybean Herbicides – 5

Early Postmergence Soybean Herbicides – 11

Weed Control for Soybeans Not Yet Planted – 11  
Roundup Ready for Soybeans – 22  
Soybean Injury – 14  
Double-Crop Soybeans – 15  
Copperleaf Problems for Soybeans – 22

#### *Weeds*

Weed Control Guidelines for Indiana: 1995  
(WS-16) – 1  
Triazine Resistant Weed Survey – 3  
Woolly Cupgrass Alert – 3  
Wild Garlic vs. Wild Onion – 3  
Wild Garlic - Still a Problem Weed in Wheat and  
no-tilled Corn – 4  
Whitlow Grass – 5  
Pasture Weeds – 5, 25  
Canada Thistle – A Noxious Weed – 7  
Mugwort – 8  
Weed Day – 11  
Weed Problems with Delayed Planting of Crops –  
11  
Perennial Problems with Delayed Planting of  
Crops – 11  
Perennial Broadleaves – 12  
Lambsquarters and Related Species – 13  
Not all Pigweeds are Created Equal – 13  
Poisonous Weeds in Pastures – 22  
Kochia – A Weed Not To Be Taken Lightly – 24  
Purple Loosestrife – 24  
Perennial Weed Control – 26

#### *Wheat*

Wheat Preharvest Aids- 14

### **Plant Diseases**

#### *Corn*

Corn and Soybeans: Seedling Blights – 10, 11  
Corn: Gray Leaf Spot – 10, 18, 24  
Corn: Crazy Top – 11  
Corn: Holcus Leaf Spot – 18  
Ear Rot Disease in Southwest, Eastern, and  
Central Indiana – 26

#### *Soybeans*

Corn and Soybeans: Seedling Blights – 10, 11

Soybeans: Brown Spot - 18  
Soybeans: Phyllostica Leaf Spot - 18  
Soybeans: Phytophthora Stem Canker – 18  
Sudden Death Syndrome – 21

#### *Miscellaneous*

Alfalfa: Leaf and Spot Disease – 10  
Disease Update – 19  
Vomitoxin in Indiana Wheat – 19  
Notice from the Plant and Pest Diagnostic  
Laboratory - 20  
Plant and Pest Diagnostic Laboratory Highlights –  
20, 21, 24, 26  
Crop Disease Conditions – 22

#### *Wheat*

Wheat: Yellowing and Stunting – 5  
Wheat: Foliar Diseases – 6  
Wheat: Head Scab – 9  
Wheat: Flag Leaf Yellowing or Purpling – 10  
Wheat: Disease Conditions – 10, 11  
Head Scab of Wheat and Vomitoxin - 11  
Wheat: Leaf Rust – 12

### **Agronomy Tips**

#### *Alfalfa*

Is it Too Late to Plant Alfalfa? – 3  
Bloom an Unreliable Measure of When to Harvest  
First-Cutting Alfalfa – 11

#### *Corn*

Don't Let the Planter Hold Back Your Corn  
Yields – 1  
Corn Planting and Hay Making Destined to  
Conflict this Spring – 7  
Delayed Corn Planting and Hybrid Maturity  
Switching – 7  
Site Specific Seeding Rates for Corn – 7  
Repeated Above-Ground Injury is Hard on Young  
Corn Seedlings – 8  
Strategies for Managing Delayed Corn Planting –  
9  
Consequences of Delayed Corn Planting – 10  
Early-Season Root Development in Corn – 11  
Approximate Safe Hybrid Maturities for Delayed  
Planting – 11

Ear Size Determination in Corn – 12  
More Thoughts on Corn Root Development in  
1995 – 12  
Corn and The Ugly Duckling – 13  
Grain Sorghum as an Alternative to Late-Planted  
Corn in Southern Indiana – 13  
Rapid Growth Causes Twisted Growth in Corn –  
14  
Tall Corn, Short Corn, Green Corn, Yellow Corn  
– 14  
Assessing Hail Damage in Corn – 15  
Growth Staging Methods for Corn – 15  
Options for Hail-Damaged Corn Fields – 15  
Drought & Heat Stress Effects on Corn  
Pollination – 17  
Sex in the Corn Field: How's It Done – 17  
Fill'er Up, Please! – 19  
Effects of Stress During Grain Fill in Corn  
A Pre-Harvest Yield Estimate Technique for Corn  
– 21  
Droopy Ears in Corn – 24  
Premature Plant Death in Corn – 24

#### *Forage*

Why Rotational Stocking Should be Considered –  
6  
Corn Planting and Hay Making Destined to  
Conflict this Spring – 7  
Why Some Producers Complain About Stemmy  
Orchardgrass Hay – 9

#### *Miscellaneous*

Stop the Burning – Prevent Fields from Catching  
Fire – 4  
Combine Yield Monitors are Wonderful Tool,  
But... - 7  
Agronomy Field Day – 22

#### *Soil*

Conservation Compliance – The End is Here – 2  
N Loss from Saturated Soils in 1995 – 11  
Anhydrous Ammonia Injury as an Indicator of  
Soil Compaction – 14  
Leaf Rolling as an Indicator of Soil Compaction –  
14

#### *Wheat*

Winter Wheat Situation – 1  
Wheat Growth and Cold Temperatures – 3  
Seed Source and Seeding Rate for Soft Red  
Winter Wheat – 26  
Wheat Date of Planting – 26

#### **Bits and Pieces**

#### *Miscellaneous*

Extension Specialists Listing – 1  
EPA Denies Request for Reinstatement of  
Granular Carbofuran – 4  
Exception to Worker Protection Standard Early  
Entry Restrictions for Limited Contract  
Activities – 7  
DDVP Update – 8  
Thanks to the BCW Pheromone Trap Cooperators  
– 10  
Now is the Time to Prevent White Grub Damage  
in Your Lawn – 20

#### *Upcoming Events*

Field Day Dates for Your Calendar – 5  
Biological Control Conference – 9

#### *Workshops*

3<sup>rd</sup> Annual Certified Crop Advisor Workshop  
Information – 24  
Announcing Category 7b Wood Destroying  
Organisms Commercial Pesticide Applicator  
Workshops – 26  
Commercial Pesticide Applicator Training, Core  
and Category, Fall 1995 – Spring 1996 – 26

#### *Pest Management Tips*

GPS/SSF Have Great Potential in Pest  
Management Programs, but Let's Deal with  
Basics First – 1  
Survey of Indiana for Soybean Cyst Nematode – 4  
Farmer Innovation and Biological Control – 6  
How and Why to Use the European Corn Borer  
Forecast – 8  
European Corn Borer Forecast – 8  
In Search of: Black Cutworms – 9

Black Cutworm: Is It or Isn't It? – 10  
Experimenting with Biological Control – 12  
What is Good Control? – 13  
Sweep Soybeans for Rootworm Beetles – 18  
Know Your Friends: Spined Soldier Bug – 22

*Gleaning the Fields of Agriculture*

Pesticide Use Reduction Assessment – 22

*Weather Update*

Forecasted Temperature Accumulations – 4, 6, 7,  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,  
21, 22, 24, 25, 26