

# FFA Announces National Contest Winners

KANSAS CITY, Mo. — The team from Manor, Texas placed first in the National FFA Agricultural Mechanics Contest. The team members are John Forsythe, Brad Dieringer, Ryan Heger and coached by Gaward Caveness. The Texas team placed first in competition against 42 other teams.

Winners were announced recently at the annual awards luncheon, sponsored by Firestone Agricultural Tire Company in conjunction with the Bridgestone/Firestone Trust Fund, a charitable trust of Bridgestone/Firestone, Inc. of Nashville, Tenn. The Agri-

cultural Mechanics Contest was held in conjunction with the 66th National FFA Convention in Kansas City, Mo.

Dr. Carl Reynolds, professor of agricultural education at the University of Wyoming, served as superintendent of the National Agricultural Mechanics Contest.

The top 26 individual winners and the individuals on the national winning team will receive special scholarships sponsored by the Bridgestone/Firestone Trust Fund as a special project of the National FFA Foundation. The scholarships are to be used toward a four year college or vocational/technical school of their choice.

### Top Ten Individuals

1. Brad Dieringer
2. Travis Williams
3. Clinton Lafferty
4. Ryan Heger
5. Carl Glimm
6. Kipp Harmel
7. John Forsythe
8. Denton Rohrer
9. Ben Webster
10. Jamie Bultemeier

### Town

- Manor  
Wathena  
Parsons  
Manor  
Conrad  
Hillsboro  
Manor  
Wathena  
Frederick  
Monroeville

### State

- Texas  
Kansas  
Tennessee  
Texas  
Montana  
North Dakota  
Texas  
Kansas  
Maryland  
Indiana

Teams that participated in the contest follow:

### Gold Emblem Awards

1. — Texas, John Forsythe, Brad Dieringer, and Ryan Heger, all of Manor; 2. — Kansas, Travis Williams, Denton Rohrer, and

3. — Tennessee, Jeremy Voigtman, Clinton Lafferty, and Meredith Crosby all of Parsons; 3. — Indiana, Jamie Bultemeier, T.J. Holle, and Robert Bowers all of Monroeville.

### Farm Business Management

#### Top Ten Individuals

1. James Sutherland
2. Darrell Long
3. Cody Wagner
4. Brian Kevitt
5. Charlie Lawson
6. John Redmond
7. Michelle Thoms
8. Loren Honegger
9. Tony Stockdale
10. Martin Truong

### Town

- Leroy  
Fruitland  
Sheridan  
Alburnett  
Leroy  
Carrington  
Yanceyville  
Fairbury  
Leroy  
Kingdom City

### State

- Minnesota  
Idaho  
Wyoming  
Iowa  
Minnesota  
North Dakota  
North Carolina  
Illinois  
Minnesota  
Missouri

- and R. Christensen, all of Fruitland; 3. — North Carolina, Michelle Thoms, George Scott and Neil Williamson, all of Yanceyville.

### Agricultural Sales

#### Top Ten Individuals

1. Jennifer Griswold
2. Cindy Fein
3. Leafe Eriksen
4. Darla Stevens
5. Leslie Mise
6. Olivia Dahl
7. Timothy McNeal
8. Mike Brandau
9. Laurie Bayes
10. Courtney Marshall

### Town

- Wells  
Sumner  
Wells  
Sumner  
Yanceyville  
Wells  
West Lafayette  
Osage  
Sumner  
Hanford

### State

- Nevada  
Washington  
Nevada  
Washington  
North Carolina  
Nevada  
Ohio  
Iowa  
Washington  
California

1. — Nevada, Olivia Dahl, Leafe Eriksen and Jennifer Griswold, all of Wells; 2. — Washing-

- ton, Cindy Fein, Laurie Bayes and Darla Stevens, all of Sumner; 3. — North Carolina, Leslie Mise, Lori Lea and Jacqui Jeffress, all of Yanceyville.

### Dairy Cattle

#### Top Ten Individuals

1. Lyle Ruprecht
2. Mandy Stanfield
3. Joe Ezzard
4. Chris Hannan
5. Danial Martin
6. Larry Place
7. Monty Schilter
8. Andrew Bicksler
9. Ryan Bertad
10. Mark Mennell

### Town

- Lodi  
Clovis  
Eatonton  
Woodbury  
Tulare  
Perry Place  
Winlock  
Bernville  
Tulare  
Lodi

### State

- Ohio  
New Mexico  
Georgia  
Connecticut  
California  
Michigan  
Washington  
Pennsylvania  
California  
Ohio

### Gold Emblem Teams

1. — Ohio, Lyle Ruprecht, Leo Jirka and Mark Mennell, all of Lodi; 2. — New Mexico, Mandy

- Stanfield, Dee Rae Lewis and Natalie Palla, all of Clovis; 3. — California, Ryan Bertad, Kent Gomes and Danial Martin, all of Tulare.

### Top Ten Individuals

1. Jason Driskill
2. Laura Beck
3. Aimee Eltringham
4. Kesha Porter
5. Aubrey Gibson
6. Rebecca Summers
7. Shonna Waldon
8. Lela Dunbar
9. Sarah Nylen
10. Brock Owens

### Dairy Foods

- Town  
Urbana  
Altaville  
Altaville  
Urbana  
Urbana  
Rayville  
Altaville  
Belleville  
Altaville  
Fruitland

### State

- Missouri  
California  
California  
Missouri  
Missouri  
Louisiana  
California  
New York  
California  
Idaho

### Gold Emblem Teams

1. — Missouri, Jason Driskill, Aubrey Gibson and Kesha Porter, all of Urbana; 2. — California,

- Aimee Eltringham, Sarah Nylen and Laura Beck, all of Altaville; 3. — Idaho, Matthew Gross, Mike Tesnohlidek and Brock Owens, all of Fruitland.

### Top Ten Individuals

1. Anne Hartman
2. Jody Powell
3. Elisha Priebe
4. Angela Heglas
5. Rebecca Harrington
6. Amber Roettgen
7. Andrew Keil Jr
8. Brandy Marsich
9. Michele Copes
10. Brett McNish

### Floriculture

- Town  
Lakefield  
Frederick  
Crawfordsville  
Flint  
Bartlett  
Bartlett  
Perrysburg  
Newark  
Wellton  
Glenview

### State

- Minnesota  
Maryland  
Indiana  
Michigan  
Tennessee  
Tennessee  
Ohio  
Delaware  
Arizona  
Illinois

1. — Minnesota, Sally Cook, Anne Hartman and Kay Salentiny, all of Lakefield; 2. — Tennessee, Rebecca Harrington, Wendy For-

- sythe and Amber Roettgen, all of Bartlett; 3. — Illinois, Mark Chwiervt, Marisa Cowan and Brett McNish, all of Glenview.

### Top Ten Individuals

1. Gary Bowers
2. Anna Patterson
3. Stewart Thigpen
4. Johnathon Lewis
5. Jeff Lewis
6. Scott Garber
7. Bryan Gragg
8. Jason Cushman
9. Kaleb Mason
10. Dwayne Havard

### Forestry

- Town  
Elizabethtown  
Lagrange  
Cochran  
Mount Holly  
Mount Holly  
Dunmore  
Dunmore  
Elk Creek  
Mount Holly  
Cochran

### State

- Tennessee  
Ohio  
Georgia  
Arkansas  
Arkansas  
West Virginia  
West Virginia  
California  
Arkansas  
Georgia

### Gold Emblem Teams

1. — Arkansas, Johnathon Lewis, Jeff Lewis and Kaleb Mason, all of Mount Holly; 2. —

- West Virginia, Scott Garber, Bryan Gragg and John Kane, all of Dunmore; 3. — Georgia, Stewart Thigpen, Dwayne Havard and Jonathan Braswell, all of Cochran.

### Top Ten Individuals

1. Spencer Schrader
2. Isacc Robles
3. Tyson Buchman
4. Todd Nicewonger
5. Terrill Stowe
6. Chris Amburgy
7. Cory Sickafoose
8. Kevin Haas
9. Shain Shimic
10. Justin Sexton

### Livestock

- Town  
Council Grove  
Modesto  
Council Grove  
Modesto  
House  
South Whitley  
South Whitley  
Yoder  
Yoder  
Washington C H Ohio

### State

- Kansas  
California  
Kansas  
California  
New Mexico  
Indiana  
Indiana  
Wyoming  
Wyoming

1. — Kansas, Spencer Schrader, Bill Disberger and Tyson Buchman, all of Council Grove; 2.

- Indiana, Chris Amburgy, Ryan Rhoades and Cory Sickafoose, all of South Whitley; 3. — Wyoming, J T Guest, Kevin Haas and Shain Shimic, all of Yoder.

### Meats Evaluation & Technology

#### Top Ten Individuals

1. Lino Mendes
2. Cadee Ohanesian
3. Seth Nitschke
4. Todd Bierschwale
5. Rusty Finch
6. Lesley Jeffres
7. Jered Shipman
8. Jason Behrends
9. Brandy Baxly
10. Amber Glaser

### Town

- Hanford  
Clovis  
Clovis  
Fredericksburg  
Palouse  
Lander  
Girard  
Fredericksburg  
Perry  
Lander

### State

- California  
California  
California  
Texas  
Washington  
Wyoming  
Kansas  
Texas  
Georgia  
Wyoming



## Crop Pest Tricked To Help Save Corn

WASHINGTON, D.C. — Scientists are recruiting what seems to be an unlikely candidate to protect corn from nasty fungi — a brown, hairy beetle that spreads the fungi.

As the dusky sap beetle wanders through a corn field, its hairy body brushes over ears of corn and deposits the fungi that cause aflatoxin. If this toxin reaches sufficient levels in the kernels, the infected corn cannot be fed to livestock.

"Sap beetles attack corn at harvest time when insecticide can't be applied because of the possibility of chemical residues entering the food chain," said Fernando E. Vega, a post-doctoral entomologist with USDA's Agricultural Research Service in Peoria, Ill.

That means this beetle — about the size of a housefly — is free to roam in corn fields. Vega and co-researcher Patrick F. Dowd invented a trap for the beetles so their wandering ways and hairy bodies could be put to work to protect the corn.

Once lured inside the trap by sex attractants, the beetle's hairy body becomes covered with spores of "good" fungi such as *Bacillus subtilis*, a natural enemy of the fungi causing aflatoxin. Usually in less than an hour, the beetles exit through the bottom of the trap, carrying the fungal spores on their bodies.

Next stop for the beetles is the corn field, where they spread the fungal spores on corn ears. When aflatoxin-causing fungi appear, especially in hot weather, they are met with stiff resistance from their natural enemies already in place on the corn plants.

To see how well their strategy works, Dowd and Vega put blue dye in a dozen sap beetle traps on a University of Illinois research farm near Havana, Ill. Results: the beetles spread the dye to 58 percent of nearby wounded corn ears.

To eliminate the problem of the beetles themselves, the researchers say they could add a delayed-action pathogen to the trap. Harmless to corn, other plants and animals, the pathogen would kill the beetles after they gather to hibernate.

Other crops that could be protected by this natural biocontrol system include apples, mangos, and figs — all susceptible to damage by sap beetles. Dowd and Vega are doing the beetle research at the ARS National Center for Agricultural Utilization Research in Peoria.