



Iowa FFA Association

The FFA Mission

*FFA makes a positive difference in the lives of students by developing their potential for **premier leadership, personal growth and career success** through agricultural education.*

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NEWS RELEASE
For Immediate Release

Agriscience Fair Winners Named at 53rd State Science + Technology Fair of Iowa

AMES, IA - The Iowa FFA Agriscience Fair was held at Hilton Coliseum in Ames on Friday, March 27th, 2010. The Iowa FFA Agriscience Fair is open to 6-12 grade students. Thirty-three 6-12 grade students exhibited twenty-eight Agriscience projects at the event. First Place winning students have the opportunity to exhibit their Agriscience research in five different categories: Biochemistry, Environmental Science, Zoology, Botany, and Engineering. FFA members in 7-12 grades may earn an opportunity to exhibit at the National FFA Agriscience Fair in Indianapolis, Indiana, in October.

The top three projects in each category received medals for their achievements. The medals and plaques were sponsored by West Central Cooperative through the Iowa FFA Foundation.

The Iowa FFA Association has 230 local chapters with over 12,000 FFA members. FFA is a national organization of more than 500,000 members preparing for leadership and careers in science, business and technology of agriculture. Local, state and national programs provide opportunities for students to apply knowledge and skills learned in the classroom. FFA's mission is to make a positive difference in the lives of students by developing their potential for **premier leadership, personal growth and career success** through agricultural education.

Below is a listing of the results from the FFA Agriscience Fair.

Biochemistry / Microbiology / Food Science:

Advance	Division 1	Erin Vepestad	North Polk	Gold	1st	Nut Burning Experiment
	Division 1	Michaela Powell	North Polk	Silver	2nd	Better Dish Soaps for Lower Prices
	Division 1	MaKenzie McCarty	Twin Cedars	Bronze	3rd	Sugar or No Sugar?
Advance	Division 2	Erin Brassler	South O'Brien	Gold	1st	The Cranberry Effect: Phase V
	Division 2	Carmen Ridgway	Central Lee	Silver	2nd	Bacterial Resistance to Antibiotics

Botany (Plant/Soil Science):

Advance	Division 1	Kody Nelson	South O'Brien	Silver	1st	The Effects of Temperature Change on Plant Growth
	Division 1	Luke Hoger	South O'Brien	Silver	2nd	What Percentage of Cattle Manure in the Soil Produces the Best Growth in Soybeans?
Advance	Division 2	Kyle Peterson	Glidden-Ralston	Silver	1st	Corn Yield Variation by Soil Type Phase VI - Soil Nitrogen Mineralization and its Effect on Optimum Nitrogen Levels in Continuous Corn
	Division 2	Audrey TeRonde	North Polk	Silver	2nd	Fertilizers of Sweet Corn
Advance	Division 3	Kayla Meeker & Maggie Zimmermann	North Polk	Gold	1st	What Brand of Corn Produces the Most Ethanol?
	Division 3	Megan Anderson & Kareena Keyes	Twin Cedars	Silver	2nd	Salt Tolerance of Grass Seed

Engineering:

Advance	Division 1	Cole Ginger	South O'Brien	Bronze	1st	What Temperature of Lemons Conducts the Most Electricity?
Advance	Division 3	Rebecca Rebarcak & Larissa Schippers	Twin Cedars	Gold	1st	Homemade Solar Panels
Advance	Division 4	Mitchell Borkowski & Katelynn Kozak	Glidden-Ralston	Gold	1st	Energy by Food

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Environmental Science:

Advance	Division 1	Andrew Weaver	South O'Brien	Gold	1st	Do You Rotate Your Pasture?
Advance	Division 2	Evan Magnussen	South O'Brien	Gold	1st	Soil Erosion Prevention Using Feathers Phase 2
	Division 2	Shelby Burdette	Central Lee	Gold	2nd	The Effects of Surface Run-off on Anabaena spiroides
	Division 2	Kayla Hasper	Central Lee	Silver	3rd	UV Light on Water Purity
	Division 2	Luke Boeck	Central Lee	Silver		Bio-Based vs. Citrus Compound, Which is Better for Soil Fertility?
	Division 2	Allen DeGoei	Sheldon	Bronze		Flames Part 2: How does adding accelerants affect how fast the insulation will burn?
	Division 2	Caylie Hawkins	Central Lee	Bronze		What is the Effect of Temperature on a Silkworms' Growth?
Advance	Division 4	Lauren Haselhuhn & Deanna Keeton	Twin Cedars	Bronze	1st	Does Salinity Affect Buoyancy?

Zoology (Animal Science):

Advance	Division 1	Spenser Becker	Keota	Gold	1st	Little Guys, Big Dreams: Using 1 mL Frozen Porcine Semen With Different Extenders
	Division 1	Daniel Haden	South O'Brien	Silver	2nd	Potential Sources of Non-Synthetic Methionine for Organic Poultry
	Division 1	Mallory McDonald	North Polk	Silver	3rd	What Type of Horse Bedding Works Best?
	Division 1	Mara Rohwer	South O'Brien	Silver		Carbohydrates vs. Protein Diets in Mice
Advance	Division 2	Carissa Steinkamp	Carroll	Bronze	1st	Rabbit Feed Trial
Advance	Division 4	Thad Keller & Thomas Uthe	North Polk	Silver	1st	Rate of Gain

Overall Division Winners:

Division 1 – Spenser Becker
 Division 2 -- Erin Brasser
 Division III -- Kayla Meeker & Maggie Zimmerman
 Division IV - Mitchell Borkowski & Katelynn Kozak

Keota
 South O'Brien
 North Polk
 Glidden-Ralston