

## **OHIO STATE TRACTOR COMPETES AT ASABE INTERNATIONAL 1/4 SCALE TRACTOR DESIGN COMPETITION**

The 1/4 Scale Tractor Design Team from The Ohio State University traveled to Peoria, Illinois May 30 through June 4 to compete in this year's International 1/4 Scale Tractor Design Competition. This year's design included a driveline which consisted of a cub cadet transaxle with an integral high low (torque amplifier), highly improved drivers station, redesigned ballast systems, and numerous other features. The team placed 18<sup>th</sup> out of 27 teams. Ohio State placed well in many of the design categories:

- Written Design Report – 8<sup>th</sup> Place
- Outstanding Teamwork Award
- Cost Analysis – 5<sup>th</sup> Place
- Design Judging – 11<sup>th</sup> Place
- Serviceability – 6<sup>th</sup> Place
- Manufacturability – 8<sup>th</sup> Place
- Safety – 10<sup>th</sup> Place
- Ergonomics – 12<sup>th</sup> Place
- Test and Development – 9<sup>th</sup> Place
- Design Presentation – 12<sup>th</sup> Place

This summer the tractor will be on display at the Ohio State Fair and Farm Science Review. The 1/4 Scale Tractor Design Team will host the 2<sup>nd</sup> Annual Fall Classic Garden Tractor Pull at Farm Science Review on September 18<sup>th</sup>. Please visit our website for further information (<http://buckeyepullers.org.ohio-state.edu/>).

We would like to thank all of our sponsors from the past year: Ag Credit ACA Van Wert Branch; ASABE Ohio State Branch; Case-New Holland America LLC; CFAES Student Council Ohio State University; Dealey Chemical LLC; Derek Schroeder; Embroidery Design Group; Engineering Council Ohio State; Grafx4you, Haviland Drainage Products; Homier & Sons Inc.; Hubbard Company; Jared & Linda Page; Jerry & Cherry Klopfenstein; Jewell Grain; Kahler Welding; Keith Klopfenstein; Kenn-Feld Group; Laserflex; Leon & Debra Klopfenstein; m.e. Miller Tire; Mary Faure; Mike and Mary Ann Benecke; O'Reilly Auto Parts Columbus, Ohio; Ohio Soybean Council; POET Biorefining – Leipsic; Pond Seed Company; PSB Company a Division of White Castle; Remlinger Mfg. Company Inc.; Rigid Industries LED Lighting; Schilling Propane Service; Unverferth Manufacturing; Voss Brothers; Wanner Metal Worx; Wenninger Seed Service Inc.; Wilson Tire Company; and Department of Food, Agriculture, and Biological Engineering, College of Engineering, and College of Food, Agricultural, and Environmental Sciences, The Ohio State University.

Members of the 2011-2012 year's team included: Andrew Bond; Andrew Metzger; Brad Vogtsberger; Brittany Schroeder; Chris Gehret; Chris Kahle; Cooper Wiley; Dan Brown; Erin Niemeyer; Ethan Hayes; Evan Watson; Jake Meyer; Justin Fager; Karl Klopfenstein; Luke Schroeder; Lyndon Benecke; Matt Karhoff; Nathan Stoltzfus; Ryan Billman; Scott Praither; Tim Ursich; **Captain:** Andrew Klopfenstein; **Vice Captain:** Mike Damschroder; **Treasurer:** Ira Kuenzli; **Advisor:** Dr. Scott A. Shearer.

