Ohio State Tractor Competes at ASABE International ¼ Scale Tractor Design Competition

The ¼ 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 ¼ 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 18th out of 27 teams. Ohio State placed well in many of the design categories:

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

This summer the tractor will be on display at the Ohio State Fair and Farm Science Review. The ¼ Scale Tractor Design Team will host the 2nd Annual Fall Classic Garden Tractor Pull at Farm Science Review on September 18th. 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.