



News Release

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UNIVERSITY OF KENTUCKY WINS ASABE 1/4-SCALE TRACTOR STUDENT COMPETITION

Hi-res photos available [on request](#)

St. Joseph, Mich. and Peoria, Ill. – The University of Kentucky took top honors at the [17th Annual International 1/4-Scale Tractor Student Design Competition](#), reclaiming the Detra-Wehner trophy that the team had earned in 2012 and barely missed retaining in 2013.

Rounding out the top five teams in this year's contest were, in descending order: Kansas State University (2013 champion), The Ohio State University, Iowa State University, and Purdue University.

In addition to taking home the Detra-Wehner traveling trophy, the University of Kentucky received a plaque, \$1500, and a \$2000 scholarship sponsored by CNH, to be awarded to a team member of the department's choosing. All other top finishers also received plaques, and runners-up received cash awards ranging from \$1200 to \$500. The second- and third-place teams also received CNH scholarships of \$1000 each.

Awards were given to the winners of numerous judging categories, as follows:

CAMPBELL SCIENTIFIC AWARD
BEST APPEARANCE
JIM AND DARCY SCHMIDT
FAMILY TEAMWORK AWARD
SPORTSMANSHIP
CRAFTSMANSHIP
MANUFACTURABILITY

Kansas State University
Modesto Junior College

Lamar University
University of Saskatchewan
Modesto Junior College
University of Kentucky

SERVICEABILITY	Iowa State University
TEST & DEVELOPMENT	University of Saskatchewan
SAFETY (Tie)	The Ohio State University, University of Kentucky
MANEUVERABILITY	University of Wisconsin – River Falls
ERGONOMICS (Tie)	University of Nebraska, The Ohio State University
SOUND LEVEL	Modesto Junior College
'FIRST-TIME THROUGH'	Kansas State Univ, Univ of Kentucky, The Ohio State Univ
<i>Recognition for passing technical inspection on first attempt</i>	
WRITTEN DESIGN REPORT	
1 st place	University of Kentucky
2 nd place	Texas A&M University
3 rd place	Kansas State University
TEAM PRESENTATION	
1 st place	Iowa State University
2 nd place	University of Kentucky
3 rd place	McGill University
TRACTOR PULLS	
Overall Winner	University of Kentucky
Overall 2 nd place	Kansas State University
Overall 3 rd place	Texas A&M University
1,000-lb pull	
Hook 1	University of Kentucky
Hook 2	University of Kentucky
1,500-lb pull	
Hook 1	University of Kentucky
Hook 2	Modesto Junior College
1,500-lb pull	
MOST IMPROVED	Iowa State University
<i>Iowa State jumped 18 places from 2013 final standings</i>	

The 1/4-Scale Competition is unique among student engineering design contests in that it provides a realistic “360-degree” workplace experience. Given only an engine and a set of tires, the teams spend the academic year designing and building utility or recreational pulling tractors that they present and demonstrate in Peoria. Teams are judged on a written design report, a design inspection, and a formal presentation to industry experts playing the role of a corporate management team. Running on a 10% ethanol fuel blend, the machines are then put to the test in a series of tractor pulls.

The 1/4-Scale Tractor Competition is a popular recruiting event for many sponsors, most of whom have hired many engineers from among the teams, finding practiced, high-achieving candidates with strong technical, communication and leadership skills honed by competition experience. Corporate sponsors for the ASABE 17th Annual International 1/4-Scale Tractor Student Design Competition are AGCO, Briggs & Stratton, Case IH, Caterpillar, Deere & Company, New Holland, SolidWorks and Titan International. Additional support is provided by Campbell Scientific, Inc., Central City Scale, Claas, GSI Grain Systems, Katie McDonald Photography, igus Inc., Manitowoc Crane, Miller Electric Manufacturing, and RCI Engineering.

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