



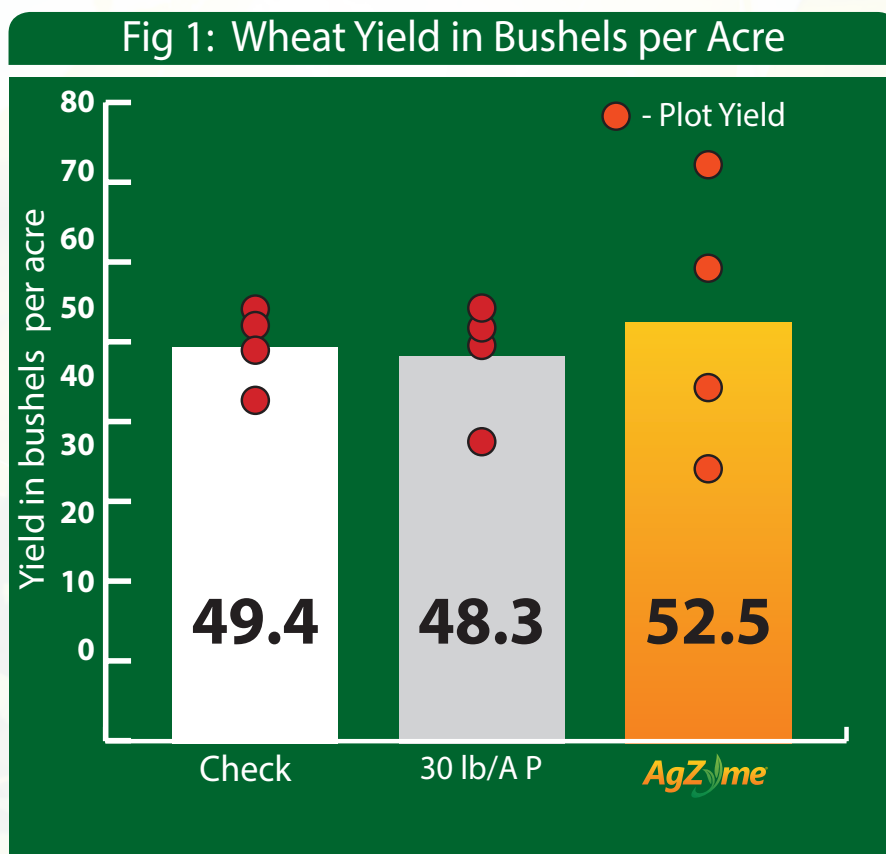
## Increases Wheat Yield by 3.1 bu/acre

with Kansas State University in Hays, Kansas

Ag Concepts® Corp worked with Dr. Augustine Obour of Kansas State University on a study investigating the effects of AgZyme® and Ag Concepts® Super Hume® on wheat. Five treatments were examined: check, 30 pounds per acre of  $P_2O_5$  as MAP, 20 ounces of AgZyme® per acre, 20 ounces of AgZyme® with 30 pounds  $P_2O_5$  per acre, and 20 ounces of AgZyme® with 6 quarts of Ag Concepts® Super Hume® and 30 pounds  $P_2O_5$  per acre.

According to the researcher, no statistically significant differences were observed, but AgZyme® did show a 3 bu per acre numerical increase over check, 52.3 bu vs 49.4 bu per acre, indicating the potential to help increase P uptake. The researcher attributed the lack of response to Phos to higher soil test P levels of 41 mg/kg. The MAP treatments all showed numerically decreases, 48.3 bu for MAP, 47.5 for AgZyme® with MAP and 46.8 for AgZyme® with Ag Concepts® Super Hume® and MAP.

These results are similar to the 2016 trial with AgZyme® and Ag Concepts® Super Hume® on grain sorghum at the Kansas State University Agricultural Research Center - Hays. More study is needed but these rates of AgZyme® and Ag Concepts® Super Hume® may be too high when combined with high P soil level and MAP applications.



2017 at Hays, Kansas by Kansas State University, n=4