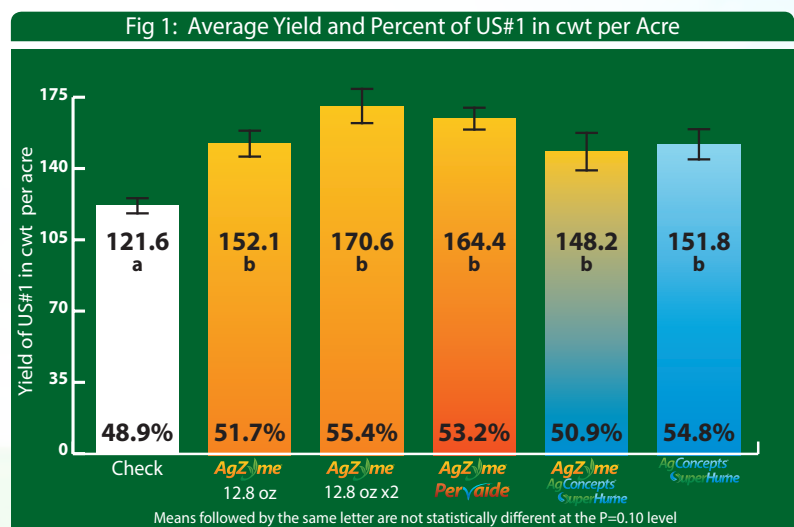


# AgZyme® Increases US#1 Potato Yield by 49.0 cwt

AgZyme® and Pervaide® increase US#1s by 42.8 cwt  
at The University of Idaho in Aberdeen, ID

Ag Concepts® Corp worked with the University of Idaho on a study investigating the effects of AgZyme®, AgZyme® and Pervaide, and AgZyme® with Ag Concepts® Super Hume® on Russet Burbank potatoes. Results showed statistically significant increases in yield of US#1 grade potatoes over check for each application, and statistically significant increases in total yield over check for each application with one exception.

The best result, a statistically significant increase ( $P=0.10$ ) of 49.0 cwt on US#1s was observed when 12.8 oz per acre of AgZyme® was applied at planting, followed by 12.8 oz per acre of AgZyme® six weeks later. Other statistically significant increases were observed for treatments of AgZyme at 12.8 oz per acre at planting (+30.5 cwt), 12.8 oz AgZyme® per acre at planting plus 1 gallon Pervaide per acre one month later (+42.8 cwt), 12.8 oz AgZyme® with 1 gallon of Ag Concepts® Super Hume® per acre at planting (+26.6 cwt), and 1 gallon of Ag Concepts® Super Hume® per acre at planting (+30.2 cwt). LSD for the US#1 metric was 21.39 cwt ( $P=0.10$ ). US#1 yield results are shown in Figure 1, with percentage of US#1.



Overall yield showed statistically significant increases ( $P=0.10$ ) for the treatments of: 12.8 oz per acre AgZyme® applied at planting followed by 12.8 oz per acre of AgZyme® six weeks later (+59.3 cwt), AgZyme at 12.8 oz per acre at planting (+45.6 cwt), 12.8 oz AgZyme® per acre at planting plus 1 gallon Pervaide per acre one month later (+60.9 cwt), and 12.8 oz AgZyme® with 1 gallon of Ag Concepts® Super Hume® per acre at planting (+43.1 cwt). The treatment of one gallon of Ag Concepts® Super Hume® per acre at planting showed a numerical increase of 28.8 cwt over check. LSD for total yield was 31.62 ( $P=0.10$ ). Results can be seen in Figure 2.

