

# AgZyme<sup>®</sup> and AgConcepts<sup>®</sup> SuperHume<sup>®</sup>

## Increase US#1 Potato Yield by 24.2 cwt

AgZyme and Pervaide increase US#1s by 20.6 cwt  
and one application of AgZyme increase US#1s by 25.4 cwt

Ag Concepts<sup>®</sup> Corp worked with the University of Idaho on a study investigating the effects of AgZyme<sup>®</sup>, AgZyme<sup>®</sup> and Pervaide, and AgZyme<sup>®</sup> with Ag Concepts<sup>®</sup> Super Hume on Russet Burbank potatoes. Results showed numerical increase of US#1 grade potatoes for each application over check. The best results, 25.4 cwt increase of US#1s, were observed when 12.8 oz per acre of AgZyme<sup>®</sup> was applied at planting. An increase of 24.2 cwt was seen when 12.8 oz applications of AgZyme<sup>®</sup> with 1 gallon of Ag Concepts<sup>®</sup> Super Hume. Finally, an increase of 20.6 cwt of US#1 was achieved when 12.8 oz per acre of AgZyme<sup>®</sup> was followed with 2 qts per acre of Pervaide. The US#1 yield comparison can be seen in Fig 1.

Each treatment with Ag Concepts<sup>®</sup> products produced a higher yield percentage of US#1s. AgZyme<sup>®</sup> with Ag Concepts<sup>®</sup> Super Hume had the best percentage with 50.9% US#1s. The single application of AgZyme<sup>®</sup> followed at 47.8% US#1s, AgZyme<sup>®</sup> with Pervaide had 46.1% US#1s. The check treatment only had 43.5% US#1s. This is illustrated in Fig 2.

AgZyme<sup>®</sup> with Pervaide had the highest overall yield at 273.6 cwt. The single application of AgZyme followed at 273.1 cwt and AgZyme<sup>®</sup> with Ag Concepts<sup>®</sup> Super Hume yielded 251.6 cwt overall. The check application yielded only 241.3 cwt

Fig 1: Yield of US#1s in cwt

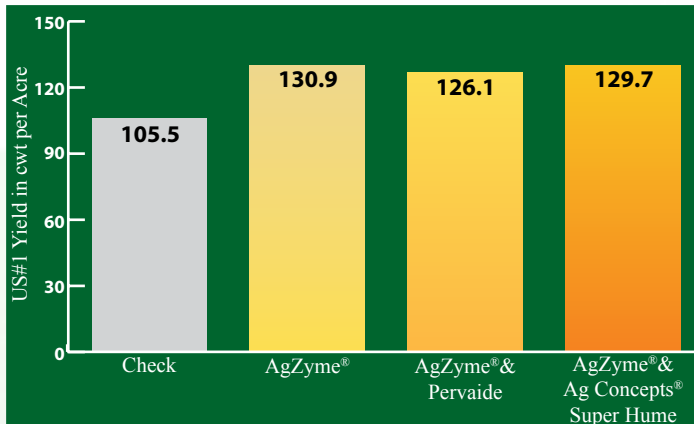


Fig 2: Percentage of US#1s

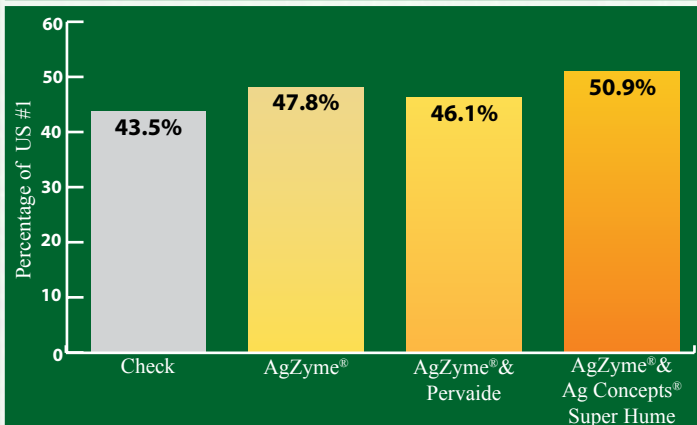


Fig 3: Total Yield

