

AgZyme[®] and AgConcepts[®] SuperHume[®]

Increase US#1 Potato Yield by 15.8 cwt

AgZyme and Pervaide increase #1s by 16.2 cwt
and a single application of AgZyme increase #1s by 12.5 cwt

Ag Concepts[®] Corp worked with Liberty Ag Research on a study investigating the effects of AgZyme[®], AgZyme[®] and Pervaide, and AgZyme[®] with Ag Concepts[®] Super Hume on Russet Norkotah potatoes. Results showed numerical increase of US#1 grade potatoes and overall yield for each application over check with greater increases achieved by combining products. The best results, 16.2 cwt increase of US#1s, were observed when 12.8 oz per acre of AgZyme[®] was followed with 2 qts per acre of Pervaide. An increase of 15.8 cwt of US#1 was achieved when 12.8 oz per acre of AgZyme[®] was applied with 1 gallon of Ag Concepts[®] Super Hume. Finally, an increase of 12.5 cwt was seen with a 12.8 oz application of AgZyme[®]. The US#1 yield comparison can be seen in Fig 1.

Each treatment with Ag Concepts[®] products produced a higher yield percentage of US#1s. As with weight of US#1s, AgZyme[®] with Pervaide had the best percentage of US#1s at 64.5%. The single application of AgZyme[®] followed at 64.5% US#1s, and AgZyme[®] with Ag Concepts[®] Super Hume had 62.5% US#1s. The check treatment only had 60.5% US#1s. This is illustrated in Fig 2.

Overall yields varied slightly from US#1s. AgZyme[®] with Ag Concepts[®] Super Hume had the best overall yield of 330.8 cwt. AgZyme[®] with Pervaide followed at 318.6 cwt and the single application of AgZyme[®] had 318.6 cwt. The check treatment yielded 316.0 cwt. This is illustrated in Fig 3.

Fig 1: Yield of US#1s in cwt

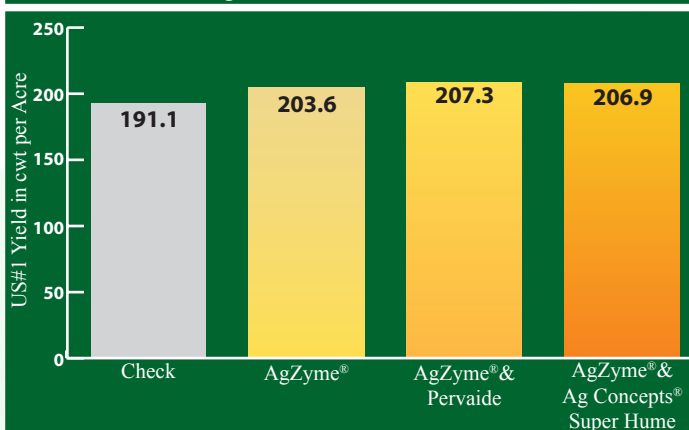


Fig 2: Percentage of US#1s

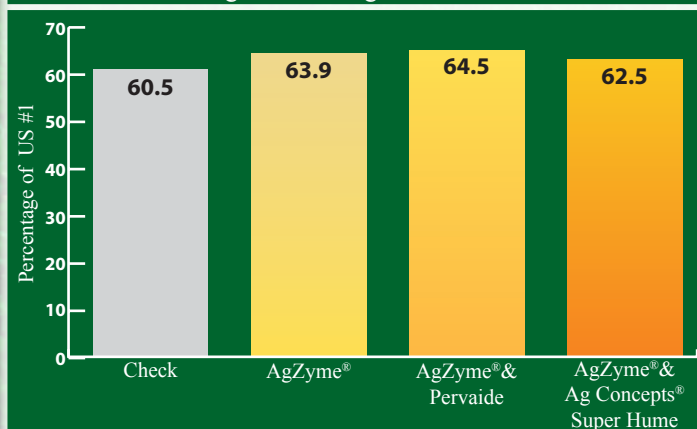


Fig 3: Total Yield

