

AgZyme[®] Increases Colossal Yield by 4.6 cwt

Colossal plus Super Colossal Yields 9.3 cwt over check on Onions at Oregon State University in Ontario, OR

Ag Concepts Corp commissioned a study examining the effect of AgZyme on onions at the Oregon State University extension in Ontario, Oregon. The check treatment was the grower standard while the AgZyme treatment included the grower standard applications plus 8 oz AgZyme per acre applied five weeks after planting and again nine weeks after planting.

Yield results showed an increase of colossal grade of 4.6 cwt with the AgZyme treatment over check. As shown in Fig 1, colossal and super colossal grade yield increased by 9.3 cwt with the AgZyme treatment. Neither result was statistically significant.

A similar test on AgZyme was completed in 2011 with Oregon State. For that test the first 8 oz treatment was made 2.5 weeks after planting, followed by a second 8 oz treatment 7 weeks after planting. The 2011 test showed a statistically significant increase in Colossal plus Super Colossal grade of 32.6 cwt per acre. Additionally, 2012 testing on Onions at Agriculture Development Group in Eltopia, WA showed a numerically significant increase of 42 cwt of Colossal and Super Colossal yield when 12.8 oz of AgZyme was applied four days after planting.

These results indicate better performance can be expected if AgZyme is applied closer to planting. Using AgZyme to increase microbial activity, which allows for better fertilizer and soil nutrient utilization as well as bigger root systems, has a greater effect when the plant is just getting established and temperatures are lower.

