

February 14, 2012

Zinc and Ascend Seed Treatment

New to Central Valley Co-op in 2011 was Advanced Coating Zinc and Ascend as a corn seed treatment. Trial yield results show a 4—13 bushel yield advantage. Along with yield benefits, Advance Coating Zinc has shown early season growth responses in better root and top growth. Cool, early growing conditions can lead to slow root growth, which limits the corn plant in finding enough zinc for early season growth and development. If a portion of the plant's zinc needs is placed on the seed so a plant can utilize it early when the zinc demand is great, it can lead to better early season vigor and better root development.

Zinc is essential in auxin production and the transformation of carbohydrates in plants. One of the most important functions of zinc in the corn plant is that it's a vital part of the enzyme system that regulates plant growth. A corn plant early in its life has a lot of cell reproduction and cell differentiation and has a big demand for zinc. If a portion of the plant's zinc needs is placed on the seed so a plant can utilize it early when the zinc demand is great, it can lead to better early season vigor and better root development.

Talk to your local Central Valley Agronomist to discuss how Advanced Coating Zinc and Ascend corn seed treatment can benefit your operation.



Advanced Coating Zinc + Ascend

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