



Smith Seed Services

# SEED COATING INSIGHTS



## Nutrient Seed Enhancement

The practice of coating seed has evolved from ancient agricultural traditions to a widely used method for enhancing crop yields. Coating seed with essential nutrients, including Biologicals, Macronutrients and Micronutrients, specifically supports the individual seed's early plant development. Unlike traditional starter fertilizer applications, we aren't fertilizing weed seeds also. By adding nutrients in the coating process, they are only available to the encapsulated seed. This ensures healthy early root system establishment by the plant, improving seedling growth and reducing the number of unhealthy seedlings. Coating with essential nutrients produces more live, healthy plants per square foot.

**A few of the key benefits to this are:**



### Soil Health

- Enhances soil fertility by providing essential nutrients directly to the seed.
- Promotes beneficial microbial activity, improving soil structure and health.
- Reduces the need for additional soil amendments, maintaining natural soil balance.

### Better Stand Establishment

- Improves seed germination rates and early seedling vigor.
- Ensures uniform seedling emergence, leading to a more consistent crop stand.
- Help protect seeds from pests and diseases.



### Environmental Practice

- Minimizes the need for chemical fertilizers, reducing environmental damage.
- Decreases nutrient runoff into water bodies, protecting freshwater.
- Supports sustainable farming practices by bettering resource use efficiency.

### Cost Benefits

- Reduces the overall cost of fertilization by targeting nutrients directly to the seed.
- Increases crop yields and quality, leading to higher economic returns for farmers.



**Turn Around Time: Week of 10/14/2024 is 6 business days.**

✉ [Coating@smithseed.com](mailto:Coating@smithseed.com)  
🌐 [smithseed.com/seed-coating](http://smithseed.com/seed-coating)



**(458) 284-5000**