

Foliar Fertilization

Overview

Mastering foliar fertilizer application methods and timing helps maximize your crop's efficiency. A solid fertility program helps you avoid nutrient deficiencies later in the season.

What you should know

- Macronutrients nitrogen (N), phosphorus (P) and potassium (K) all need to be available in the root zone.
- Situations such as heavy rains can cause some essential nutrients to leach out of the root profile.
- Nitrogen stabilizers help keep N available longer in the root zone—when and where corn needs it most.
- If N, P and K are in place, foliar fertilizer applications later in the season can keep plants healthy and help corn reach optimum yield potential.
- If macronutrients are deficient, take corrective action immediately to help in maintaining yield potential.

Action steps

1. **Conduct soil tests regularly:** Unlike macronutrient deficiencies, micronutrient deficiencies are difficult to detect by just looking at the corn plant. Routine soil tests are essential to identify any micronutrient deficiencies. Occasional use of tissue tests also can help identify nutrient deficiencies.
2. **Manage accordingly:** If nutrients are needed, apply only small amounts of chelated or low-salt materials. For larger-quantity materials, use split applications or apply more in-soil applications in succeeding years to build up fertility levels to sufficient levels. If deficiencies are not readily seen or established from tissue testing, apply only small amounts. Excessive amounts can cause problems for crop uptake. A trusted agronomic adviser can help you determine if a foliar fertilizer application is economically feasible and beneficial.



Timely and proper application of foliar fertilizers adds to your long-term yield potential.



30-Second Summary

- If macronutrients are in place, applying micronutrients in foliar fertilizers can take a stable crop to the next level.
- Soil and tissue sampling can help identify micronutrient deficiencies.
- Be sure to only apply small amounts of micronutrients and build up fertility levels over time.

NOTES:

For more information, contact:



www.nutechseed.com
1-888-647-3478