



Welcome to Ground Work

Why Foliar?

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Put simply, the one reason to use foliar fertilizers is because it is profitable!

The challenge lies in diagnosing what to spray and when to spray it; and in acquiring all the other information that goes into maximizing your effort.

AgriEnergy Resources and our dealers can help here because a good payoff on your foliar investment results from a combination of:

- Accurate analysis of need
- Knowledge of how different products perform, and
- Your own experience at what works best in your operation

There are several instances where foliar fertilizers can help produce a better crop. (Some situations, like fertilizer foliar fertilizers in the fruit and vegetable industries, are so routine they will not even be listed here.)

- **“Supercharge” a crop that already has good yield potential.** This applies to all crops. When you have a great stand and weather conditions are ideal and yield potentials are as good as they ever get, bringing a nutrient up to sufficiency, which otherwise is short, pays off best of all in these conditions.
- **Deliver nutrients that you know will be short.** A good example is potassium during grain fill on multi-flowering plants like soybeans and cotton. Even soils with good potassium levels can fall short of fully

supplying the crops when it's hot and the ground is drying down.

- **Strategic application of nutrients.** Corn determines rows around on the cob when the plants are pretty small. A shortage of micronutrients, which are key in this determination, can be easily corrected with an early foliar application.
- **Use foliar applications to gain an advantage.** Dryland growers in the High Plains and the Southern Plains don't like to spend a lot of money on a crop until and unless soil moisture and stand quality justify the expenditure. But a foliar can be applied in the fall or early spring for a comparatively low cost.
- **Use a foliar for stress reduction or to help heal damage.** Where damage has occurred but there is still good yield potential, a foliar application, especially one that contains **SP-1™**, can make the crop recover more quickly and allow you to still harvest a good crop.
- **Include foliar fertilizers and take advantage of another application.** Many fungicides, insecticides, elicitor products, and even herbicides can be put out with fertilizers. It may be that you are reluctant to spend money on applying foliar fertilizers alone, but there are a number of instances when adding fertilizers to another application is a good idea.
- **Foliars can be an especially useful tool on crops where quality matters.** This is obvious for fruits and vegetables, but forage crops also fall into this category. So do many row crops. Foliars on wheat can help a lot with protein premiums. The reverse is true. You might grow malt barley and a timely foliar can help you prevent excess protein and blowing your contract.

There are lots of instances where foliar fertilization can improve the profitability of farming operations. This is not new stuff! Growers in the produce and fruit business have been taking advantage of these techniques for years, and now row crop economics suggest foliars deserve serious consideration.

Just remember that accurate analysis of what is needed, combined with knowledge of product performance, is what will give consistently good results when using foliar fertilizers.