

MTB-C38

### **Foliar Feeding During Key Stages In Your Corn Crop Is Critical To Development of Yield Potential**

More than just managing growth, nutrients and micro-nutrients help crops better handle stress situations. Healthy plants, like most organisms, are best equipped to deal with potential setbacks from pests, diseases, and periods of drought. The problem with most crop stress is that it is impossible to predict when it will occur. The solution is to **'spoon feed'** your crop smaller amounts more frequently and to time applications during key periods of known stress within the growing season. Germination and reproduction are two periods of extreme stress for your crops, so nutrient management during these times can deliver significant impact to the overall performance of your crop.

Two weeks after the plant emerges, the **V3 stage** begins. *Root hairs* are growing from the *nodal roots* by this time, and growth of the *seminal root system* has virtually ceased.

Applications of **24-32 oz/ac of Monty's 8-16-8** and **16 oz/ac of Monty's Liquid Carbon** during this stage can be combined with your glyphosate pass to help provide some of the following benefits:

- Even maturity
- Increase in Plant Sugars
- Development of root system, particularly fine, hair-like feeder roots
- Increase in Photosynthesis
- Reduction in stress related germination, cold soils, and early development
- Overcome early-season nutrient deficiencies

At **V6 the corn plant** is absorbing greater amounts of nutrients which it will need for ear development and kernel fill. Additionally, it is working to develop large leaves to bolster photosynthesis. By this time in the season, early applied granular nutrients have leached into the soil, have been volatilized, or have been used by the plant. A secondary application of nutrients at **V6** can assist the plant better handle disease, heat, and pest-related stresses as well as nutrient deficiencies that it will soon encounter. **Apply 24-32 oz/ac of Monty's 8-16-8** and **16 oz/ac of Monty's Liquid Carbon** during this stage.

If your equipment and timing will allow an additional application as the plant enters the **reproductive stage at R1** will also help optimize your crop's potential as it will soon begin pollination, setting and filling kernels. **Apply 24-32 oz/ac of Monty's 2-15-15** and **16 oz/ac of Monty's Liquid Carbon** during this stage.

Any time you will be traveling over your Corn crop, consider adding Monty's Products to the tank so that you can supply nutrients in addition to the herbicide, fungicide, or insecticide you may be applying. Before tank-mixing we recommend that you follow all label directions and contact your Monty's dealer for specific guidance.

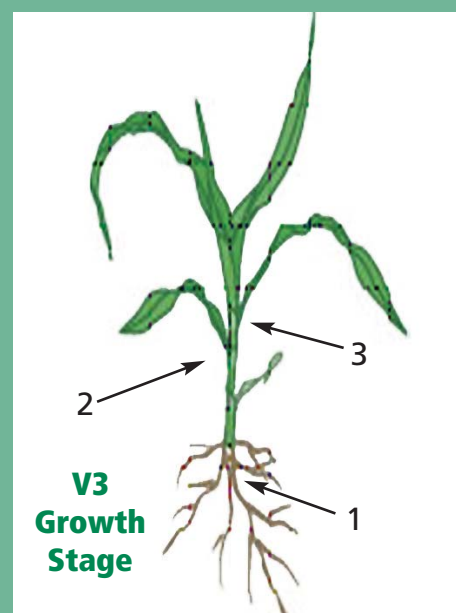


Diagram depicts early development in corn through **V3 stage**. In the first few weeks most of your crops potential is determined as roots, leaves, and ear shoots are formed.

**For more information call (800) 978-6342**

