



## Bio-Forge™ Unique Features & Benefits

Stoller products are designed to *unleash the power of the plants* - by helping them to overcome stress, function more efficiently and achieve their full genetic potential.

Stoller Plant Performance Products are not replacements for sound agronomy and fertility programs. They work in concert with good farming practices for maximum yield and quality.

*Always read and follow label instructions.*

### Bio-Forge Features:

- Bio-Forge up-regulates key genes associated with stress:  
-DREB1A, Catalase, Dehydrin RAB18, RD29A
- Bio-Forge up-regulates genes controlling root hair growth to enhance nutrient uptake:  
-RLS4
- Bio-Forge reduces excess ethylene from stress but leaves ethylene required for normal functioning unaffected

### Bio-Forge Benefits:

- Improved hormone balance for optimal plant functioning
- Bio-Forge ensures continuous new root growth for efficient nutrient uptake, especially nitrogen
- Bio-Forge helps to improve hormone balance for continued cellular viability and optimal plant functioning throughout the life of the plant

### Application Timing

- Seed Treatment with 4 oz/cwt of seed
- In-Furrow at planting at 1 pt/acre  
(can be used with starter solutions)
- Foliar on corn: 1 pt/acre at V4-V9  
Foliar on soybeans: V6 to flowering or up to the R1 stage of growth
- Fungicide Sprays: apply at 1 pt/acre with the recommended fungicide rate and timing

(apply a total of 1 pint per acre per season)