



## Huma Gro® Stories From the Field—Ukraine

No. 2

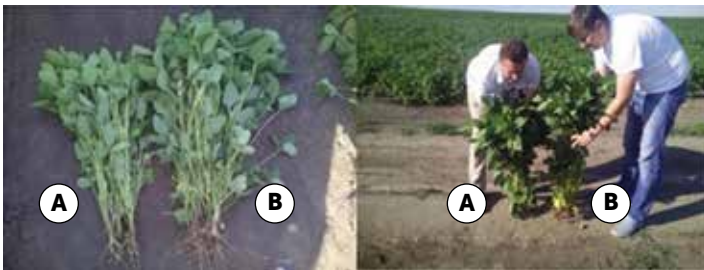
**Location:** Ukraine

**Crops:** Soybeans, Barley, and Sunflowers

**Product:** Huma Burst® MicroMate

Humic substances (HS) contain natural humic and fulvic acids. The beneficial effects of humic substances have been documented for many decades, and farmers have used them for centuries to improve soil conditions and help their crops grow better. **Huma Burst® MicroMate** from Huma Gro® is the result of a revolutionary new micronizing technology and, with its clay/mineral suspension agent, can be suspended in a liquid to deliver the maximum possible concentration of humic/fulvic acids. Thanks to the micronizing process, it has a tremendous surface area that makes its humic/fulvic acids more readily available to improve plants and soil. When in liquid suspension form, it has a combined humic and fulvic acid analysis of 24% and a pH of 3.7, making it easy to apply and safe for use in all types of agriculture and horticulture applications.

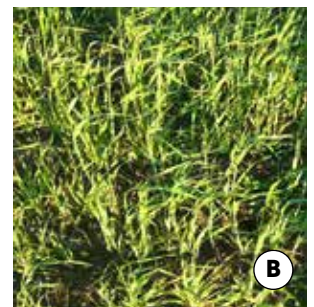
### Foliar Huma Burst® MicroMate on Soybeans



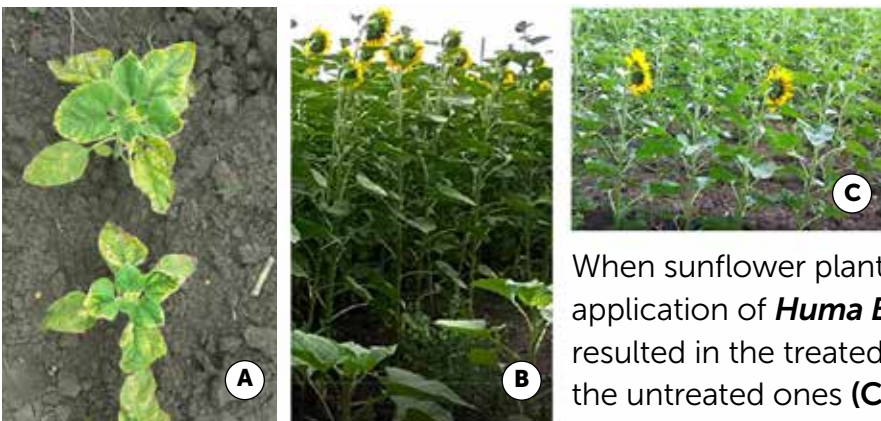
When leaves of soybean plants were sprayed with 2 kg/ha (1.8 lb/ac) of **Huma Burst® MicroMate** (B), the yield increased by 400 kg/ha (357 lb/ac) compared with Check (A).

### Foliar Huma Burst® MicroMate on Barley

**Huma Burst® MicroMate** helps crops better deal with environmental stresses. A young barley crop hit by severe cold temperatures (A) was able to come out of cold shock in 7 days after receiving a foliar application of **Huma Burst® MicroMate** (B).



### Foliar Huma Burst® MicroMate on Sunflowers



When sunflower plants were damaged by herbicides (A), foliar application of **Huma Burst® MicroMate** at 1 kg/ha (0.9 lb/ac) resulted in the treated plants (B) being three times larger than the untreated ones (C) at the end of the season.