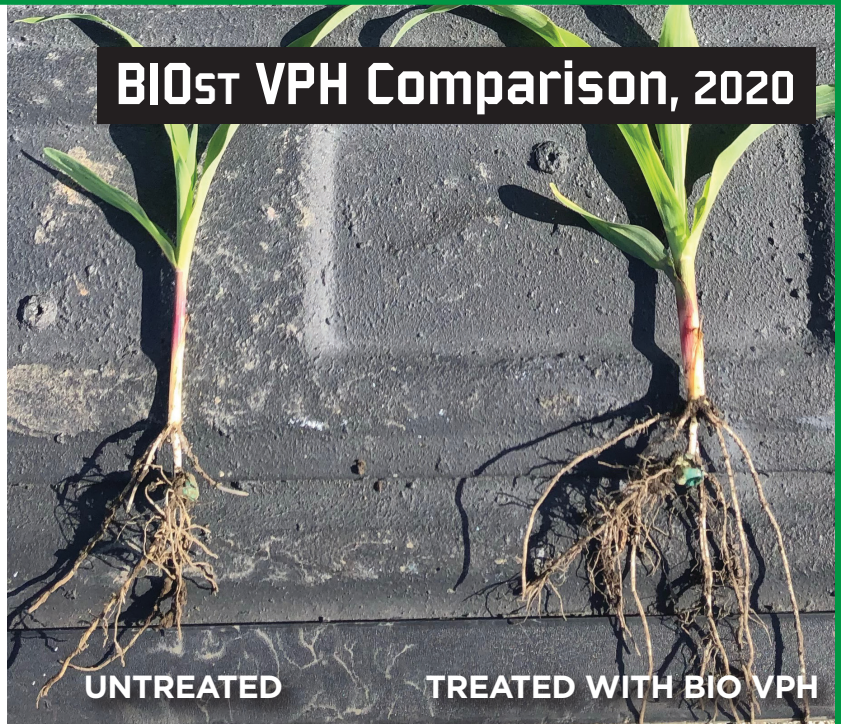




VPH 100



**IDEAL FOR**  
**SOYBEANS, CORN,**  
**WHEAT, COTTON,**  
**SORGHUM, DRY**  
**BEANS/PEAS,**  
**LENTILS/CHICKPEAS,**  
**RICE, SUGARBEETS,**  
**CANOLA, SUNFLOWERS**



**BIOST VPH Comparison, 2020**

UNTREATED

TREATED WITH BIO VPH

- Certified-organic
- Stimulates photosynthesis
- Provides resistance against adverse climate conditions
- Aids root hair development
- Progresses crop emergence
- Mitigates abiotic stress
- Packed with peptides and amino acids
  - **Glutamic acid:** Stimulates plant growth and increases resistance to adverse climate conditions.
  - **Serine & Valine:** Improves the resistance mechanisms of plants to adverse situations
  - **Lysine & Arginine:** Active and essential in the stimulation of photosynthesis
  - **Aspartic acid:** Important for its intervention in many metabolic processes
  - **Methionine:** Increases yield and quality
  - **Tryptophan:** Precursor for the synthesis of auxins

**COMPOSITION**

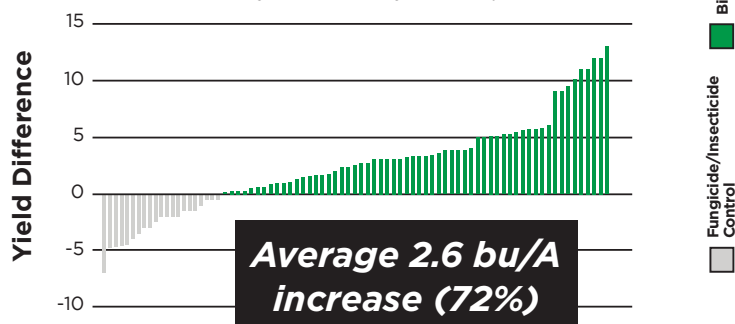
Nitrogen	7%
Vegetal free amino acids	30.0%

**AMINOGRAM**

Alanine	4.6%	Lysine	6.0%
Arginine	7.0%	Methionine	1.5%
Aspartic acid	11.7%	Phenylalanine	5.2%
Cysteine	1.0%	Proline	5.1%
Glutamic acid	18.0%	Serina	5.5%
Glycine	4.5%	Threonine	4.1%
Histidine	2.8%	Tryptophan	1.2%
Isoleucine	4.8%	Tyrosine	3.9%
Leucine	8.0%	Valine	5.1%

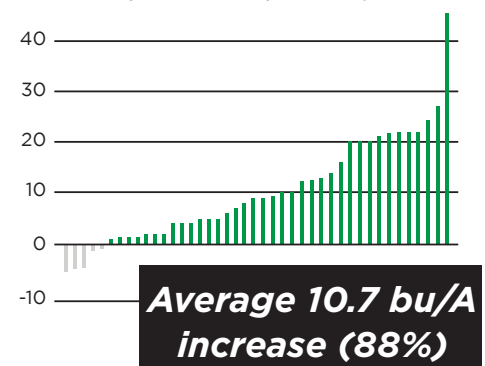
**BIOST VPH—Soybeans**  
**Yield Comparison**

Based off 3-year data, 86 yield comparisons



**BIOST VPH—Corn**  
**Yield Comparison**

Based off 3-year data, 42 yield comparisons



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