



EMERGENTM L

LAUNCHED BY **UBP**TM TECHNOLOGY

**OPTIMIZES CONDITIONS FOR PLANT
NUTRITION & RESISTANCE TO ABIOTIC STRESS**



EVERY OUNCE COUNTS

EMERGEN™ L

BIO-BASED NUTRITION FOR PLANT DEVELOPMENT & IMPROVED CONDITIONS FOR HIGHER YIELDS

Emergen™ L is a liquid fertilizer that enhances conditions for mitigating abiotic stress within a plant. This scientifically proven, patented nutrient technology creates an environment for the crop to maintain greater yield & quality.

BENEFITS

- **Improves** conditions for higher yields
- Small size molecule is **easily absorbed by the plant**
- **Compatible** with crop protection, fertilizer & nutrition*
- **Optimizes** conditions for abiotic stress tolerance
- **Better return** on investment

ART OF USE

Emergen L is highly concentrated for a low dose rate per acre & is easy to handle as high concentrate liquid.

Foliar Rate	10 oz./A
Water	10-20 GPA
Timing: Corn	VI through VT-R1
Timing: Soybeans	VI through R3
Timing: Wheat	Feekes 3 through Feekes 10.5
Timing: Cotton	1st leaf to Early Bloom + 2 weeks



Emergen L is a patented liquid foliar fertilizer.

CROPS

- | | |
|-------------|------------|
| ✓ Corn | ✓ Peanuts |
| ✓ Cotton | ✓ Soybeans |
| ✓ Dry Beans | ✓ Wheat |

NUTRIENT PROFILE

Essential macro & micronutrients are bound in a complex carbon-based process producing a proprietary organic molecular substrate that includes:

- ✓ Soluble Potash (K₂O)
- ✓ Cobalt (Co)
- ✓ Molybdenum (Mo)

TECHNICAL & REGULATORY PROFILE*

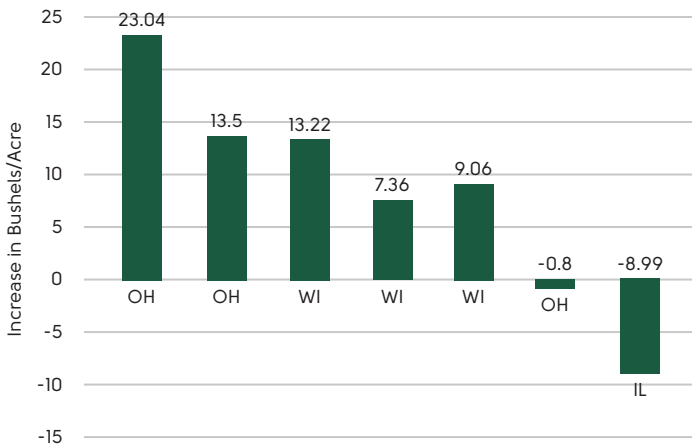
Fertilizer Grade:	0-0-2
Application:	Soil, Foliar
Guaranteed Analysis:	Soluble Potash (K ₂ O) ... 2% Cobalt (Co) 0.01% Molybdenum (Mo) ... 0.001%
Formulation:	Liquid
OMRI Listed:	No
Rainfastness:	Do not apply if rainfall is likely within 3 hours after application.

DISCOVER
MORE



PERFORMANCE

EMERGEN L vs. GROWER STANDARD



Emergen L optimizes crop conditions and mitigates abiotic stress so that the crop can recover faster after the herbicide spray. The result is a crop with more vigor and an opportunity to produce greater yield.

– Seth Little, Product Manager, Pro Farm Group.



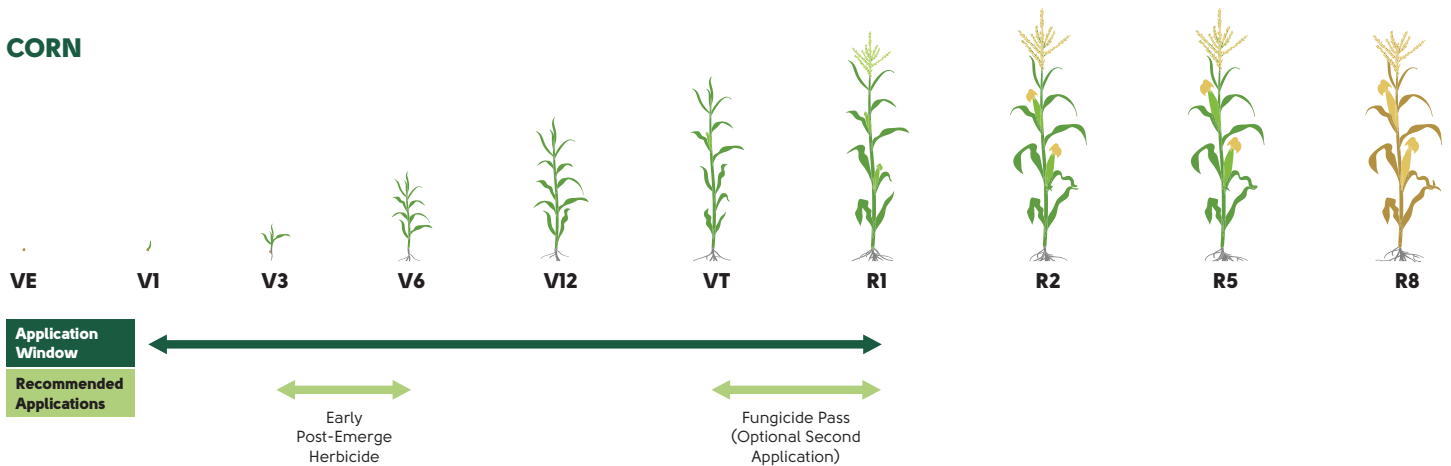
EMERGEN L REDUCES ABIOTIC STRESS ON HERBICIDE PASSES



Replicated trial in Indiana on RR corn planted by mistake. Liberty was sprayed with Emergen L at 4 leaf stage, growing point below ground.



CORN





UBP™ TECHNOLOGY

PATENTED NUTRIENT TECHNOLOGY

UBP™ Technology is a new class of biological supramolecular structure with organic nutrients & chelated microelements. This allows for the nutrients to be highly mobile & readily available to the plant.



INCREASES MITOSIS (CELL DIVISION)

More cells equal more mitochondria; allowing the plant to increase functional biomass & withstand stress events more effectively.



INCREASES PHOTOSYNTHESIS

A 2021 RNA-sequencing study identified UBP™ Technology upregulates several photosynthetic pathways allowing the plant to produce more chlorophyll & allows for the potential to increase brix.



IMPROVES ABIOTIC STRESS MANAGEMENT

UBP™ Technology upregulates 11 different antioxidant pathways, allowing the plant to produce more antioxidants that mitigate abiotic stress.



LEARN MORE

ProFarmGroup.com/upb