



## AGRICULTURE

# MVP™

Improves soil microbial diversity which affects soil characteristics which are beneficial for plant growth.

Improves soil water retention capacity as a result of microbial degradation of organic materials in the soil.

Microbes support conversion of soil nutrients to forms more readily available to plants, which increases overall plant nutrition.

### Product Description:

MVP contains a blend of microbes known to increase soil biology. These microbes consume soil organic matter, creating a soil environment for plants to thrive and improving their abiotic stress tolerance.

MVP helps to quickly generate a symbiotic microbial association with plant roots and the rhizosphere, that increases overall plant mass by improved nutrient uptake.

Net Contents: 2.5 Gallon (9.46 Liters)

Net Weight: 20.87 lbs (9.49 kg)

### Guaranteed Analysis: Soil Amending Ingredients:

#### Active Ingredients:

Microbial Content:	0.1%
Bacillus amyloliquefacians	5 x 10 <sup>5</sup> cfu/ml
B licheniformis	1.2 x 10 <sup>6</sup> cfu/ml
B megaterium	5 x 10 <sup>5</sup> cfu/ml
B pumilus	9.9 x 10 <sup>5</sup> cfu/ml
B subtilis	5 x 10 <sup>5</sup> cfu/ml
Pseudomonas fluorescens	4 x 10 <sup>5</sup> cfu/ml
Pseudomonas putida	4 x 10 <sup>5</sup> cfu/ml
Total Other Inert Ingredients (Water Based Culture Medium)	99.9%

#### Product Specifications:

Weight per gallon	8.35 lbs
Weight per liter	1 kg

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# Applications:

Apply at planting and throughout the growing season as a sidedress on all crops. Not to be used on stored seed, mixed with chlorinated water, nor mixed with fertilizers until day of application. **MVP** is tank-mix compatible with most product applications used in a typical farm operation.

**Call your sales representative for more instructions.**

All Crops at Planting	
In seed or plant furrow	1 - 5 gal per acre
Beside the row	2 - 10 gal per acre
In Transplant Water	1 - 4 oz per gal
In Season with subsequent fertilizer applications	1 -10 gal per acre

Greenhouse Propagation Rates		
Greenhouse plants, injection systems	<p>1 pint to 1 quart per 1,000 square feet.</p> <p>Initial plug planting or seeding: 32-64 ounces per gallon per stock tank at 1:100. Constant feed, 4-8 ounces per gallon stock tank at 1:100.</p> <p>Metric: Initial plug planting or seeding, 1-2 liter per 3.75 liter stock tank at 1:100. Constant feed, mix 60-120 ml per 3.75 liter stock tank at 1:100</p>	Drench, sprench or spray at appropriate rates to insure proper soil penetration.
Seed Piece or Bulb Treatment	Mix 1:1 with water and spray the seed piece or bulb	
Root Dip Application	Mix 1:1 with water and thoroughly soak roots prior to transplant	

## Storage & Handling:

MVP should be stored out of direct sunlight in clean, vented containers. Microbe count may begin to decline 2 years after manufactured date. Refer to SDS for additional information.

Condition of Sale and Warranty: Douglas Plant Health, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Douglas Plant Health and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL DOUGLAS PLANT HEALTH, INC OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT

FIRST AID	
IF SWALLOWED:	Rinse mouth. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.
IF IN EYES:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
IF ON SKIN:	Wash off immediately with soap and plenty of water while removing all contaminated clothing.
IF INHALED:	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.
You may also contact 1-352-323-3500 day or night for emergency treatment information. If medical advice is needed, have product container or label at hand (P101), Keep out of reach of children (P102), Read label before use (P103).	
STORAGE: Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
DISPOSAL: Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.	



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