

# PROMOT® MZM

## Biological Starter Fertilizer with Beneficial Micronutrients

**Promot MZM** is a seedling inoculant for use as a preplant root treatment or soil treatment for all transplants.

A biological starter fertilizer, **Promot MZM** is designed to increase transplant survival by utilizing micronutrients and fermentation substances. Containing magnesium, zinc, and manganese, **Promot MZM** creates a diverse rhizosphere dominated by beneficial micronutrients.

By increasing the amount of active beneficial micronutrients in the rhizosphere, **Promot MZM** emphasizes greater root and plant growth. **Promot MZM** also helps increase growth of existing plants while increasing flowering and reducing growth time.



### Product Profile

Form: Powder/Liquid

Function: Promotes plant growth with magnesium, zinc, and manganese

Compatibility: Compatible with all types of chemical fertilizers; not compatible with pesticides or herbicides

Shelf Life: Cool, shaded areas, up to 2 years



### Advantages:

- Increases seedling survival
- Stimulates root growth
- Improves plant growth and yield
- Promotes beneficial microorganism dominated root zone
- Encourages root systems

### Key Features

- Supplies magnesium, manganese, and zinc
- Contains micronutrients and fermentation substances to improve transplant survival



## Recommended Uses

**Promot MZM** is recommended to be used as a root and/or soil inoculant for plug or bareroot transplants prior to or at transplanting to containers or field sites. **Promot MZM** can be applied to field crop transplants, ornamental plants, plant cuttings, strawberry seedlings, tree seedlings, and vegetable transplants.

### Powder

#### Plug Transplants:

Mix 1 1/2 oz. of Promot MZM with 5 gallons of water and spray on plant roots 5-7 days before transplanting. Cover Promot MZM treated plant roots to avoid direct sunlight.

#### Transplant Dip:

Mix 1 1/2 oz. of Promot MZM with 1 gallon of water and immerse roots of seedlings in the solution before transplanting.

#### Plant Cuttings:

Mix 1 oz. of Promot MZM with 1 gallon of water and dip the cuttings in the solution before planting.

#### Transplant Solutions:

Mix 1/2 -1 oz. of Promot MZM with 5 gallons of transplant solution and apply as usual practice. Agitation is recommended to keep product evenly distributed.



### Liquid

#### Plug Transplants:

Mix 2-1/2 fl. oz. of Promot MZM with 5 gallons of water and drench plants 5-7 days.

#### Bareroot Transplants:

Mix 4 fl. oz. of Promot MZM with 5 gallons of water and spray on plant roots 5-7 days before transplanting. Cover Promot MZM treated plant roots to avoid direct sunlight.

#### Transplant Dip:

Mix 1-1/2 fl. oz. of Promot MZM with 1 gallon of water and immerse roots of seedlings in the solution before transplanting.

#### Plant Cuttings:

Mix 1-1/2 fl. oz. of Promot MZM with 1 gallon of water and dip the cuttings in the solution before planting.

#### Transplant Solution:

Mix 1-2 fl. oz. of Promot MZM with 5 gallons of transplant solution and according to usual practice. Agitation is recommended to keep product evenly distributed.

#### Direct Field Application:

Dilute 32-64 fl. oz. of Promot MZM with enough water to cover an acre and apply as banding at planting. Agitation is recommended to keep product evenly distributed.