



## GENERAL INFORMATION

*Symvado Organic* is a biological product that enhances plant, root, and soil health. *Symvado Organic* contains a four species consortium of arbuscular mycorrhizal fungi (AMF) that are scientifically selected for different soils, environments, and agricultural cropping systems to provide critical plant functions throughout the crop cycle. AMF form symbiotic associations with most agriculturally important crops<sup>1</sup>.

*Symvado Organic* improves nutrient acquisition and efficiency, optimizes fertilizer availability, and improves water acquisition and retention to mitigate abiotic stress that contributes to reduced crop productivity.

*Symvado Organic* contains 22,500 propagules per gram.

<sup>1</sup> Arbuscular mycorrhizal fungi do NOT form associations with the following crops: blueberry, cranberry, lingonberry, pecan, hazelnut, brassica, and beet. For additional information consult your crop advisor or Valent BioSciences (1-877-696-4204).



## GENERAL USE INSTRUCTIONS

*Symvado Organic* is a suspendable powder that can be applied using a variety of application methods to fit farming practices.

Direct the application of *Symvado Organic* near the seed or living plant root to allow the mycorrhizal fungi to contact and colonize the developing plant roots.

*Symvado Organic* is most effective in crops subjected to stress from marginal soils, hot & dry conditions, and where nutrient availability is constrained.

## SCOOP INSTRUCTIONS

- Fill scoop.
- Scrape at top. DO NOT TAP.
- All measurements are approximates in net weight grams for *Symvado Organic* powder only.
- 1 scoop = 10 grams

## COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS

*Symvado Organic* can be mixed directly with some additives, adjuvants, biocontrol products, fungicides, herbicides, insecticides, liquid fertilizers, and with water. Do not tank-mix *Symvado Organic* with other products unless compatibility has been verified. If considering tank-mixing *Symvado Organic* with other products use the following compatibility jar test before mixing an entire tank:

Add water from the same water source to a clear glass or plastic jar. Add the products in correct proportions. Mix thoroughly and let stand for a minimum 15 minutes. Separation, gelling, or generation of heat are all signs of incompatibility.

Always read and follow all label directions and precautions for each product. When using combinations of products, the most restrictive label limitations and precautions must be followed. Do not mix *Symvado Organic* with any product that has a prohibition against tank-mixing. For further information consult your crop advisor or Valent BioSciences (1-877-696-4204).



## APPLICATION PREPARATION

### SPRAY PREPARATION

Equipment must be clean and free of previous pesticide deposits before applying *Symvado Organic*. Be sure to maintain constant agitation throughout the mixing and application process. Fill spray tank  $\frac{1}{4}$  to  $\frac{1}{2}$  full of the carrier (liquid fertilizer or water). Add products in mix order referenced in Mixing Order for Tank Mix Partners by Formulation Type section to the spray tank. Then add the rest of the carrier (liquid fertilizer or water). Make sure that each product is mixed thoroughly and suspended before adding the next product. Avoid storage of mixed spray solutions for periods greater than 24 hours. Re-suspension of the spray solution after storage is critical.

**IMPORTANT: After mixing with water, shake or stir vigorously. Maintain continuous agitation in the mix tank during mixing and application to assure a uniform suspension. When spraying *Symvado Organic*, use filters or screens no smaller than #50 mesh.**

## IRRIGATION & CHEMIGATION APPLICATION

Equipment must be clean and free of previous pesticide deposits before applying *Symvado Organic*. Fill tank with  $\frac{1}{2}$  to  $\frac{3}{4}$  of the determined amount of water. Start mechanical and/or hydraulic systems to provide maximum agitation. Add  $\frac{1}{3}$  to  $\frac{1}{2}$  of *Symvado Organic* and allow mixing until thoroughly suspended. Add the remaining product slowly while bringing water to the determined volume. Agitate the mixture of *Symvado Organic* constantly during the chemigation period to assure a uniform distribution throughout the system.

Inject *Symvado Organic* downstream of sand and/or screen filters smaller than 50 mesh. Apply during the final half of the irrigation run, concluding the injection when sufficient water volume is applied to move product into the root zone.

## Mixing Order for Tank Mix Partners by Formulation Type

1. Carrier (water or liquid fertilizer)
2. Wettable granules (dry flowables)
3. Wettable powders
4. *Symvado Organic*
5. Aqueous solutions
6. Emulsifiable concentrates
7. Adjuvants

## APPLICATION INSTRUCTIONS

Application	Use Rate	Instructions
In-furrow, 2x2	4 grams/acre 0.1 oz/acre	Maintain continuous agitation during mixing and application and inject downstream of any filters smaller than 50 mesh
Pre-plant Tray Drench	4-6 grams/acre 0.1-0.2 oz/acre	Ensure uniform saturation, with no more than 10% run through of the solution
Transplant Water	4-6 grams/acre 0.1-0.2 oz/acre	Ensure sufficient water is utilized to reach transplant roots
Bare Root, Seed Piece Spray/Dip	4-6 grams/acre 0.1-0.2 oz/acre	Completely spray roots or pieces to ensure thorough coverage
Banded, Side Dress	6-8 grams/acre 0.2-0.3 oz/acre	Maintain continuous agitation during mixing and application and inject downstream of any filters smaller than 50 mesh
Irrigation or chemigation Injection	6-8 grams/acre 0.2-0.3 oz/acre	Maintain continuous agitation during mixing and application and inject downstream of any filters smaller than 50 mesh. Target middle of the irrigation set
Broadcast, Drench	8-10 grams/acre 0.3-0.4 oz/acre	Maintain continuous agitation during mixing and application and inject downstream of any filters smaller than 50 mesh



For additional crop or application recommendations, other than those listed in this label, consult your crop advisor or Valent BioSciences (1-877-696-4204).



**Concentrated suspendable powder for use in organic production containing MycoApply® to promote:**

- Root mass expansion
- Nutrient efficiency
- Drought tolerance
- Soil Health



CONTAINS NON-PLANT FOOD INGREDIENTS:

Soil Amending Guaranteed Analysis 6.6% Total Active Ingredients  
*Glomus intraradices* .....(5,625 propagules/g)  
*Glomus mosseae* .....(5,625 propagules/g)  
*Glomus aggregatum* ..... (5,625 propagules/g)  
*Glomus etunicatum*..... (5,625 propagules/g)  
 93.4% Total Inert Ingredients (Carrier)

"This Product is not a Plant Food"

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.html>

STORAGE CONDITIONS: Product can be stored in a cool, dry area without loss of viability.

Warning: Avoid breathing dust. Use outdoors or in a well-ventilated area. If inhaled, remove person to fresh air and keep comfortable for breathing. Avoid eye contact. If in eyes, rinse cautiously for several minutes. Dispose of contents/ container in accordance with local regulation.

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Manufactured for:  
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Manufactured & Guaranteed by: Mycorrhizal Applications LLC 710 NW E Street Grants Pass, OR 97526 USA

Net Wt. 320 g (11.3 oz)

**Always read and follow label instructions.**