

# HatchTrak<sup>SM</sup>



**SPARTAN<sup>®</sup> FL 4F** SPARTAN<sup>®</sup> FL 4F HERBICIDE FOR  
EFFECTIVE WEED CONTROL IN  
TRANSPLANTED TOMATO

The use patterns outlined in this HatchTrak are not yet registered.  
Pending EPA Approval.

## Spartan FL 4F Herbicide Quick Facts

- ✓ Apply pre-transplant
- ✓ 12-hour REI
- ✓ Spartan FL 4F herbicide is taken up through the roots and shoots which inhibits the production of enzymes required for the formation of chlorophyll
- ✓ HRAC Group 14

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Spartan FL 4F Herbicide Use Rates-Transplanted Tomato			
Broadcast Rate	Fluid Ounces Spartan FL 4F herbicide per Acre		
	Soil Texture*		
% Organic Matter	<u>Coarse</u>	<u>Medium</u>	<u>Fine</u>
<1.5%	2.25-3.0	3.0-4.5	3.0-6.0
1.5 – 3.0 %	3.0-6.0	6.0	6.0-8.0
>3.0%	6.0-8.0	8.0	8.0

Use higher rates for soils of pH less than 7.0 and lowest rates for pH greater than 7.0 within the rate range. Do not use on soils classified as sand, which have less than 1% organic matter.

\*Use the following link to help determine soil class and texture.

<http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/survey>

# FMC



## PRE-TRANSPLANT APPLICATION GUIDELINES FOR TOMATO

- Apply Spartan® FL 4F herbicide before transplanting and before weed seedlings have emerged.
- Spartan FL 4F herbicide may be applied in combination with or followed by other herbicides labeled for use on tomatoes.
- For tomatoes grown with plastic or organic mulches, apply Spartan FL 4F herbicide to the soil surface before installing the mulch.
- Condensation under plastic mulch will provide adequate moisture to activate the herbicide. DO NOT apply Spartan FL 4F herbicide over the top of plastic or organic mulch.

### **WEEDS AND SEDGES CONTROLLED:**

**When applied according to directions, SPARTAN FL 4F herbicide will provide control or suppression of:**

Bindweed, field (seedling) suppression	Nightshade, Black
Cheeseweed	Nightshade, Eastern Black
Groundsel, common	Pigweed, prostrate
Knotweed, common	Pigweed, redroot
Ladysthumb	Pigweed, smooth
Lambsquarters, common	Pineapple weed
Mayweed	Prostrate knotweed
Mallow, common	Purslane, common
Mallow, little	Shepherd's-purse
Morningglory, ivyleaf	Waterhemp, common
Nettle, burning	Waterhemp, tall

Kyllinga, green	<i>Kyllinga brevifolia</i>
Kyllinga, false green	<i>Kyllinga gracillima</i>
Nutsedge, purple	<i>Cyperus rotundus</i>
Nutsedge, yellow	<i>Cyperus esculentus</i>
Sedge, cylindrical	<i>Cyperus retrorsus</i>
Sedge, globe	<i>Cyperus globulosus</i>
Sedge, Surinam	<i>Cyperus surinamensis</i>
Sedge, Texas	<i>Cyperus polystachyos</i>

### **Restrictions**

- Do not apply more than 8 ounces (0.25 pound active) per acre of Spartan FL 4F herbicide per application or 12 ounces (0.375 pound active) per 12-month period. The 12-month period is considered to begin upon the initial Spartan FL 4F herbicide application.
- Do not apply directly on the crop after the crop emerges. Apply using ground equipment only.
- Do not use air blast sprayer or apply by air.
- **Do not use on soils classified as sand, which have less than 1% organic matter.**

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