

# ST-Methyl 540 FS



## Plant Protection Starts with Root Protection.

ST-Methyl 540 FS gives growers reliable, consistent early-season disease control. An economical choice for protection against seed decay, seedling blight and seed-borne *Sclerotinia spp.* in soybeans, dry beans, wheat and peanuts, ST-Methyl 540 FS protects roots during critical development stages to improve stands and yield. ST-Methyl 540 FS can also help enhance the performance of other fungicides, especially for *Rhizoctonia* and *Fusarium* control.

### KEY PERFORMANCE BENEFITS

- Offers economical, systemic, broad-spectrum disease protection in soybeans, dry beans and wheat
- Helps improve stands and encourages stronger, healthier roots
- Enhances performance of other fungicides in tough-to-control situations, especially for *Rhizoctonia* and *Fusarium*
- Proven chemistry worldwide
- Seed-safe formulation that mixes well with other seed protectants

<b>EPA REG. NO.</b>	55146-127
<b>ACTIVE INGR.</b>	thiophanate-methyl (540 g/l)
<b>FORMULATION</b>	flowable
<b>CHEM. FAMILY</b>	thiophanate
<b>FRAC NO.</b>	1
<b>MODE OF ACT.</b>	mitosis and cell division
<b>SIGNAL WORD</b>	caution
<b>RES. USE</b>	no
<b>PACKAGE SIZE</b>	4 x 1 gal, 30 gal, 250 gal, for custom blend
<b>COLORED</b>	no
<b>COMPARE TO</b>	proprietary formulation



**Nufarm**

Grow a better tomorrow.

# ST-Methyl 540 FS

## LABELED CROPS

Dry beans, snap beans, soybeans  
Peanuts  
Wheat

## KEY DISEASES CONTROLLED

(See product label for complete list)

Black root rot (*Thielaviopsis basicola*)  
Seed decay (such as *Aspergillus* spp.,  
*Phomopsis* spp., *Fusarium* spp.)  
Seedling blight (soil-borne *Fusarium* spp.  
and *Rhizoctonia* spp.)  
Seed-borne *Sclerotinia* spp.

## APPLICATION RECOMMENDATIONS

### PEANUTS

Disease	Rate (per 100 lbs of seed)
Seed decay (such as <i>Aspergillus</i> spp.)	
Seedling blight (suppression of <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp.)	0.14 to 0.28 fl oz
Seed-borne <i>Sclerotinia</i> spp.	0.94 to 1.12 fl oz

### DRY BEANS, SNAP BEANS, SOYBEANS

Disease	Rate			
	100 lbs of seed*	1,000 seeds	140,000 seeds	ai/seed
Seed decay (such as <i>Phomopsis</i> spp., <i>Fusarium</i> spp.)	0.14 to 0.28	0.0005 to 0.0010	0.065 to 0.130	0.0075 to 0.0149
Seedling blight (soil-borne <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp.)	fl oz	fl oz	fl oz	mg

This product contains 15,970 mg ai/fluid ounce. \*Based on a standard number of 3000 seeds/lb (100,000 seeds/56 lb bu) NOTE: To maintain mg ai/seed, adjust fluid ounces/100 lb in proportion to the actual seeds/lb compared to the standard number of seeds/lb for that crop; fluid ounces per number of seeds (i.e., 1000, 80,000, 140,000) does not need to be adjusted. For example if there are 2800 soybean seeds/lb and the targeted rate is 0.0075 mg ai/seed at a non adjusted rate of 0.14 fl. oz/100 lb. of seed, use:  $(2800 \div 3000) \times 0.14 = 0.13$  fl. oz/100 lb of seed.

### WHEAT

Disease	Rate (per 100 lbs of seed)
Seed decay (such as <i>Fusarium</i> spp.)	
Seedling blight (soil-borne <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp.)	0.14 to 0.28 fl oz

## SEED LABELING REQUIREMENTS

To meet U.S. Federal Seed Act requirements, all seed treated with ST-Methyl 540 FS must be labeled: "This seed has been treated with ST-METHYL 540 FS (thiophanate-methyl) seed treatment. DO NOT use for food, feed, or oil processing. Store away from feeds and other foodstuffs."

Labels for commercially treated seed must include the following addition to the environmental hazards statements: "Exposed treated seed may be hazardous to birds and wildlife. Dispose of all excess treated seed and seed packaging or containers by burial away from bodies of water in accordance with any local requirements. Cover, incorporate, or collect treated seeds spilled during loading and planting. DO NOT contaminate bodies of water when disposing of planting equipment wash water."

The U.S. Environmental Protection Agency requires the following statements on containers containing treated seed:

"DO NOT allow children, pets or livestock to have access to treated seeds. DO NOT graze or feed livestock on treated areas for 45 days after planting. Wear long pants, long-sleeved shirt, shoes, socks, and chemical-resistant gloves when opening this bag or loading/pouring the treated seed. After the seeds have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: coveralls, chemical-resistant gloves made of any waterproof material, and shoes plus socks."

See label for complete application rates and recommendations.



[www.nufarm.com/us](http://www.nufarm.com/us)

For specific application rates, directions, mixing instructions and precautions, read the product label. Please visit [www.nufarm.com/us](http://www.nufarm.com/us) to download a full label.  
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