



## IMF Sembolite™ MAX

SEED TREATMENT

# AN ADVANCED PREMIX FOR SEED PROTECTION, ENHANCED EMERGENCE AND BETTER STAND.

Sativa® IMF Sembolite™ MAX combines all the protection of Sativa IMF MAX with the nutritional benefits of Sembolite in one convenient premix. The micronutrients provided in Sembolite in a seed safe form optimize germination and emergence, establishing stronger more vigorous plants with higher yield potential. **Sativa and Sembolite together give barley, oats, triticale and wheat crops a strong start.**

### COMPETITIVE ADVANTAGES

- Protects against seed decay caused by Aspergillus, Penicillium, and other species
- Protects seed and young seedlings against a variety of diseases such as Rhizoctonia, Fusarium, Pythium, root rots and smuts
- Control of aphids, Hessian fly and wireworms
- Systemic activity for a stronger start
- More consistent control than many common tank mix solutions under high disease pressure
- Promotes strong root development and plant growth

### AT-A-GLANCE INFO

<b>EPA REG. NO.</b>	55146-119
<b>ACTIVE INGR.</b>	tebuconazole (4.8 g/l), imidacloprid (120 g/l), metalaxyl (6.4 g/l), fludioxonil (3.84 g/l)
<b>FORMULATION</b>	flowable <b>COLORED</b> yes
<b>CHEM. FAMILY</b>	triazole, phenylamide, phenylpyrrole, neonicotinoid
<b>FRAC/IRAC NO.</b>	3, 4, 12 and 4A
<b>MODE OF ACT.</b>	inhibition of sterol biosynthesis, acetylcholine receptor agonists and signal transduction and nucleic acid synthesis inhibitor
<b>SIGNAL WORD</b>	caution <b>RES. USE</b> no
<b>PACKAGE SIZE</b>	2.5 gal container (2 per case), 30 gal, 250 gal
<b>COMPARE TO</b>	proprietary formulation

MORE PRODUCTS EXCLUSIVELY FROM NUFARM

**Salient™**

**Spirato®**

 **Nufarm**  
Grow a better tomorrow

**AN ADVANCED PREMIX FOR SEED PROTECTION AND NITROGEN UTILIZATION.**

**LABELED CROPS**

Barley  
Oats  
Triticale  
Wheat

**KEY DISEASES CONTROLLED**

(See product label for complete list)

**BARLEY:**

Barley stripe\*  
Covered smut  
Early-season barley leaf rust\*  
Early-season common root rot  
Early-season Fusarium root rot  
Early-season powdery mildew\*  
Early-season Pythium damping-off  
Early-season Rhizoctonia root rot  
Loose smut  
Seed decay  
(Aspergillus, Penicillium, others)

**OATS, TRITICALE & WHEAT:**

Early-season common root rot  
Early-season Fusarium root rot  
Early-season Pythium damping-off  
Early-season powdery mildew\*  
Early-season Rhizoctonia root rot  
Early-season Septoria disease complex  
Early-season wheat leaf rust\*  
Flag smut  
Loose smut  
Stinking smut  
Seed decay  
(Aspergillus, Penicillium, others)

\*Suppression

**KEY PESTS CONTROLLED**

(See product label for complete list)

**BARLEY:**

Early-season protection of seedlings against injury by aphids (including bird cherry-oat, English grain, greenbug, and Russian wheat aphid)  
Wireworms

**OATS, TRITICALE & WHEAT:**

Early-season protection of seedlings against injury by aphids (including bird cherry-oat, English grain, greenbug, and Russian wheat aphid)  
Hessian fly  
Wireworms

**USE SUMMARY**

**APPLICATION RECOMMENDATIONS**

**RATES:** 3.4 to 5.0 fl oz/100 lbs of seed

Application directions: Apply before planting as a slurry treatment. Sativa® IMF Sembolite™ MAX can be used in liquid or slurry treaters. Mix thoroughly before use or use entire container at one time. Ensure thorough coverage. Do not graze or feed livestock on treated areas for 45 days after planting. Do not contaminate water bodies when disposing of planting equipment wash water. Do not allow children, pets, or livestock to have access to treated seed.

**SEED BAG LABELING REQUIREMENTS**

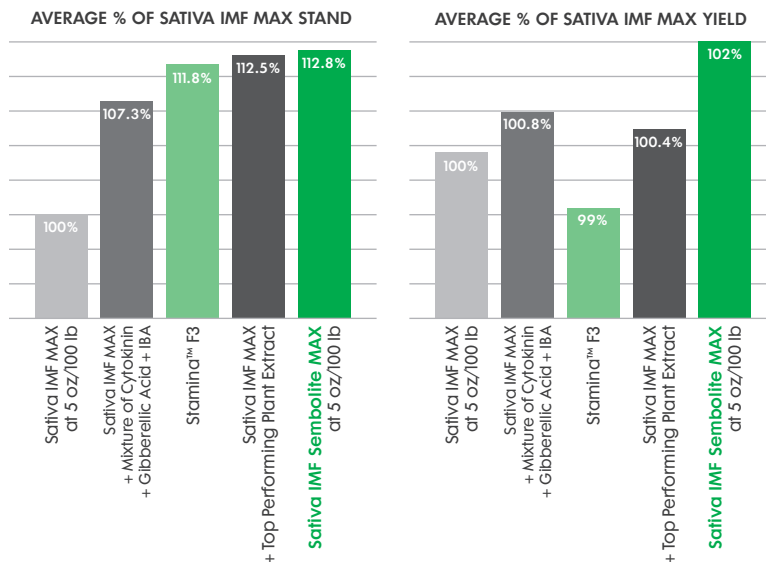
The Federal Seed Act requires that bags containing treated seed be labeled with the following information: "This seed has been treated with Sativa® IMF Sembolite™ MAX (imidacloprid, metalaxyl, tebuconazole, fludioxonil) seed treatment. Do not use treated seed for feed, food, or oil purposes. Store away from feeds and foodstuffs."

Labels for commercially treated seed must include the following addition to the environmental hazards statements: "Exposed treated seed may be hazardous to birds. Dispose of all excess treated seed and seed packaging by burial away from bodies of water. Cover or incorporate spilled treated seeds."

See label for complete application rates and recommendations.

**SATIVA IMF MAX EMERGENCE AND YIELD RESULTS**

Sativa IMF MAX Emergence and Yield Results  
Data relative to Sativa IMF MAX - Average yield for Sativa IMF MAX 51.2 Bu/A  
From 5 trials conducted in 2016 on **SPRING WHEAT** - SD-2, ND-1, MT-1, WA-1



[nufarm.com/uscrop](http://nufarm.com/uscrop)

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

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