

Seed Primer for Rice and Other Small Grains

General Information

Seed priming, or osmoconditioning, is a proven method for increasing the rate of seedling establishment through improved germination speed and uniformity. These benefits are more obvious under poor temperature and/or moisture conditions.

Seeds are soaked in an osmotic solution that draws water into the seeds to begin the germination process, but the process is stopped before completion. The primed seeds, when planted, are more likely to germinate than are untreated seeds because they are in a metabolically advanced state.

Product Specifications

IGNITOR RTU™ is an organic compound containing an amino acid and a complex amine sugar that are formed by solubilizing a naturally occurring polymer.

IGNITOR RTU™ is non-phytotoxic and is environmentally friendly, degrading into simple chemical elements present in all soils.

IGNITOR RTU™ is a formulation and blend of natural polysaccharides and amino acids.

ACTIVE INGREDIENTS

Amino Acids.....1.2%
(derived from glucosamines)

Manufactured by
Northwest Agricultural Products
821 S. Chestnut
Pasco, WA 99301
(509) 547-8234

IGNITOR RTU™



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P.O. Box 3453
Pasco, WA 99302

Weight per gallon: 8.4 lbs.

Net contents: 5 gallons

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

**CAUTION: KEEP OUT OF THE REACH OF CHILDREN
HARMFUL IF SWALLOWED**

Directions for Use (Rice)

Use as a seed primer according to the directions below.

Application Rate

Per 100 pounds of rice seed:

Mix 16 to 24 fluid ounces **IGNITOR RTU™** with 7.5 gallons of water. Add rice seed and soak overnight before seeding. Do not combine **IGNITOR RTU™** with any other agricultural products on rice seed.

Directions For Use (Other)

Use as a seed primer for wheat, barley, oats, rye, triticale, etc., according to the directions that follow.

Application Rate

Per 100 lbs. (cwt) of cereal seed:

Apply 16 to 22 fluid ounces with an industry accepted seed treater equipped with a mixing rod or a double spray nozzle to improve contact with the grain flow. **IGNITOR RTU™** may be tank-mixed with registered fungicides on the grains listed above.

Under listed application rates, visible surface moisture on the seed will be absorbed within 20 to 40 minutes and moisture content will increase from 0.5% to 2.0%. Treated seed with a moisture content of 12% or less can be stored for several weeks. Treated seed with a higher moisture content must be planted immediately.

PRECAUTIONARY STATEMENTS

In all cases, it is recommended that a small scale test for compatibility be conducted before mixing a full batch.

CONDITION OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. Since weather, crop soil, and other conditions may vary, Seller makes no warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risks of use of handling whether or not in accordance with directions or suggestions.