

TAKE OFF® ST

Target Market

VEGETABLE,
FIELD AND
PERMANENT
CROPS

Target Usage/
Application

SEED
TREATMENT

COMPOSITION

CONTAINS NON-PLANT FOOD INGREDIENTS

Active Ingredients:

Citric Acid.....	0.75%
Glutamate.....	0.25%
Proline.....	0.25%
Inert Ingredients (Water).....	98.75%

FO02331

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

STORAGE AND DISPOSAL

Store in a cool, dry area out of reach of children and animals, as well as out of direct sunlight during storage for extended amounts of time. Store in original container. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Store at temperatures above 32°F. Dispose of unused product and empty containers at an approved waste disposal plant in accordance with Federal, State and local regulations.

GENERAL RECOMMENDATIONS

Take Off® ST is a proprietary formulation and blend of organic acid and amino acids for use as a seed treatment on a wide range of plant seeds including, but not limited to, cereals and vegetables. This product has seed priming properties that are beneficial when applied as a seed treatment.

This product is not recommended for use as a fertilizer substitute.

Contact your Certified Crop Advisor for specific recommendations for your area.

DIRECTIONS FOR USE

This product can be applied to seeds with most seed treating equipment commonly used in the industry. Follow seed application recommendations listed below for specific seed size/type.

SEED APPLICATION RECOMMENDATIONS

Recommendation by Specific Crop	Application Rate	Minimum Dilution per 100# of seed
barley, rice, rye, wheat, cotton, canola, sugar beets	0.3 oz/100#	3 fl oz
soybeans	0.3 oz/140,000 seeds or 0.0678 mg/seed	6 fl oz
corn	0.6 oz/80,000 or 0.2373 mg/seed	6 fl oz

Example: Take Off ST Application Rate = 0.3 oz diluted in 3 fl oz of water per 100# of seed.

General Recommendation by Seed Size	Application Rate/Ton	Minimum Dilution Rate/Ton Seed
Very Small	3 oz (100 ml)	1 qt (1 ltr)
Small	6 oz (200 ml)	2 qt (2 ltr)
Medium	9 oz (300 ml)	3 qt (3 ltr)
Large	12 oz (400 ml)	4 qt (4 ltr)

Example: Take Off ST Application Rate/Ton for wheat = 0.3 oz diluted in 3 oz of water per 100# of seed.

Compatibility - This product is compatible with most common foliar pesticides and nutrients. It is recommended that a small scale compatibility test be conducted prior to mixing a full batch.

USE PRECAUTIONS KEEP OUT OF REACH OF CHILDREN

Note: Tank mix environments where the pH is less than 2.5 reduce the efficacy of the product and as such should be avoided.

As with all materials, user should exercise precaution to avoid potential phytotoxicity including foliar burning. Caution is advised if applying this product in combination with other materials, a jar test for compatibility is recommended before tank mixing with other products. User assumes full responsibility to ensure product, equipment and plant compatibilities. Personal Protective Equipment. Intended for Agricultural use. Consult Safety Data Sheet for further information. In the event of a spill, clean-up should be done promptly by trained personnel while using pre-planned procedures.

WARRANTY

Verdesian Life Sciences U.S., LLC warrants that this Product conforms to the specifications set forth on the label. This Product is reasonably fit for the purpose stated on the label when used in accordance with the label directions and instructions under normal conditions of use.

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