



BRANDT® Smart Cu

Smarter Copper Delivery

BRANDT SMART CU is a high performance foliar copper designed to keep copper soluble and available to the plant in a wide range of tank mix environments.

Copper has a number of functions within the plant including cell wall formation, protein synthesis, pollination and tube formation, as well carbohydrate and nitrogen metabolism. Without adequate levels of copper in the plant, vegetative and reproductive growth, cell expansion, tissue growth and fertility may be impacted.

Key Benefits of BRANDT SMART CU

- Increased tank mix compatibility and efficacy with most post-emergent herbicides and pesticides and with other micronutrients
- Delivers copper quickly and efficiently to plant growing points
- Helps mitigate plant stress
- Aids in crop recovery from herbicide stress

BRANDT SMART Cu intensifies the enzymatic catalytic role that copper plays in primary processes:

- Aids in photosynthesis, respiration and energy generation
- Involved in building and converting of amino acids to proteins
- Vital to carbohydrate and protein metabolism
- Aids in the formation of lignin in plant cell walls, contributing to the structural strength of the cell and the plant
- Improves nitrogen metabolism
- Improves seed formation
- Enhances flavor and sugar content of fruit and improves storage and shelf life

Guaranteed Analysis

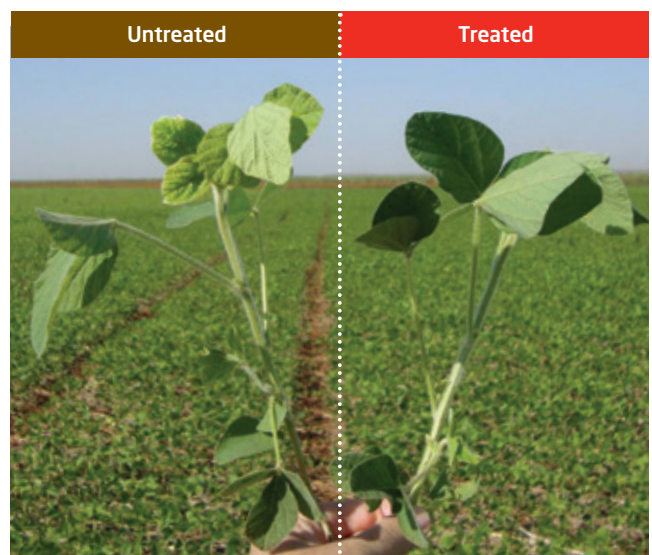
Copper (Cu) soluble in water6% w/w



Many herbicides react when coming in direct contact with most micronutrients, causing a crystallization occurrence in the tank.



Prevents most post-emergent herbicides from reacting with the micronutrients, creating a compatible tank mix environment.



For more information email info@brandt.co or call +1 217 547 5840 (BRANDT global) or +34 954 196 230 (BRANDT Europe)

The marks BRANDT and Smart System are registered trademarks of BRANDT Consolidated, Inc. All other trademarks, product names and company names that appear on this document are the property of their respective owners or licensees, who may or may not be affiliated with, connected to, or sponsored by BRANDT Consolidated, Inc.



BRANDT® Smart Cu

Smarter Copper Delivery

How BRANDT SMART SYSTEM Works

BRANDT SMART SYSTEM nutrients are formulated with a protective barrier around the nutrient that prevents the metal from binding with the herbicide. Incompatible nutrients and herbicides that bind often lead to crystallization and gelling in the tank, which can cause a host of application issues. BRANDT SMART SYSTEM helps prevent this from occurring so that nutrients and herbicides can co-exist in the tank with no issues.



Crop	Timing	Rate
Wheat, Barley	<ul style="list-style-type: none"> From the 3rd leaf to the end of tillering In booting-flag leaf 	1-2 Lt/Ha
Rice	<ul style="list-style-type: none"> From the 3rd leaf to tillering From flag leaf to panicle emergence 	1-1.5 Lt/Ha 1.5-2 Lt/Ha
Corn	<ul style="list-style-type: none"> At 4-8 leaf stage tank mixed with insecticide 	1.5-2 Lt/Ha
Soybean, Alfalfa & Sunflower	<ul style="list-style-type: none"> Early stages Pre-flowering 	1-1.5 Lt/Ha
Lettuce, Spinach	<ul style="list-style-type: none"> At 4-6 true leaves stage 	50-80 ml*
Onion, Garlic	<ul style="list-style-type: none"> At 4-6 true leaves stage Formation of bulb 	100-150 ml*
Carrot	<ul style="list-style-type: none"> At 4-10 true leaves stage 	100-150* ml
Tomato, Pepper, Eggplant & Curcubits	<ul style="list-style-type: none"> At 20 days after transplant Pre-flowering 	80-100 ml*
Potato	<ul style="list-style-type: none"> At 15 cm height Start of tuberization 	100-150 ml*
Oranges, Clementines & Lemons	<ul style="list-style-type: none"> At start of vegetative recovery and no later than pre-flowering Start of fruit enlargement Immediately after harvest 	1-1.5 Lt/Ha 100-150 ml*
Olives	<ul style="list-style-type: none"> During vegetative recovery Pre-flowering Before fruit drop when is chickpea size Immediately after harvest and before temperatures drop 	1.5-2 Lt/Ha 100-150 ml*
Wine grapes & Table grapes	<ul style="list-style-type: none"> During vegetative recovery and no later than pre-flowering At very small berry size 	0.8-1 Lt/Ha 80-100 ml*

*per 100 liters of water

FOLIAR APPLICATION

Field and Row Crops: Apply 1-2 liters per hectare per application in sufficient spray volume for thorough coverage. Use a minimum of 100 liters water for rate of 1 liter per hectare or less and a minimum of 200 liters water for rates greater than 2 liters per hectare.

Fruit Trees (except drupaceous and crops sensitive to copper) and Vegetables: Apply 0.5-1.5 liters per hectare per application (50-150 ml/100 liters water).

SOIL APPLICATION

All crops: Apply 3-5 liters per hectare. Not for use with starter fertilizer. Reduce rates in young plants and greenhouses according to crop stage and volume of crop growth.

Attention: Do not apply BRANDT SMART Cu on copper sensitive crops nor at flowering such as fruit trees, grapes, citrus, etc., nor on crop varieties with sensitive skin fruit or foliage. Do not apply on crops undergoing stress, especially stress due to excessive climatic conditions.