

Increases the absorption of nutrients and combats abiotic stress

STATUS

NON-MICROBIAL PLANT BIOSTIMULANT

KTC 6 (B) NON-MICROBIAL PLANT BIODITATOR

Ingredients: Pidolic acid¹ Pidolic acid¹ (CAS: 98-79-3), Potassium Pidolate¹ (CAS:225-373-9), Sorbitan monolaurate¹ (CAS:9005-64-5).

¹KSY1: Substances and mixtures of virgin materials.



It's not a plant protection product



Application rate (L/ha): 0.2 to 0.5.

Application method: Foliar application or fertigation.

Crops - Application time - Number of applications - Functions:

Large-crop plants*: i) For nitrogen use efficiency with 1-2 applications, BBCH 12-30 (From the two leaves to the beginning of stem elongation), BBCH 51 (With the appearance of the brigade), BBCH 69 (At the end of flowering). ii) For abiotic stress tolerance (drought stress) with 1 application, BBCH 14-33 (From the 4-leaf stage to node 3 (at least 2 cm above node 2)). iii) For quality characteristics: Increases the number of grains/ear, the number of ears/m², the number of shoots (siblings)/plant, the total weight of grains (kg/experimental plot or t/ha), the green area (NDVI index), the moisture content (%), the plant vigor (%), the chlorophyll content (SPAD index), the fresh shoot weight (g/experimental plot), the plant height (cm), the number of seeds/25 pods and the inflorescence weight (g/2m). 1-2 applications, BBCH 29-37 (From the end of tillering to the appearance of the flag leaf), BBCH 51 (With the appearance of the brigade), BBCH 69-71 (From the end of flowering to the beginning of fruit development). Foliar application.

Woody perennials:** For quality characteristics: Increases sugar content (Brix %), bunch weight (g/25 bunches), shoot length (cm), chlorophyll content (SPAD index) and total fruit weight (t/ha or kg/ experimental plot), fruit weight (kg/25 fruits). 1-2 applications, BBCH 71-77 (During fruit development). Foliar application.

Vegetables, ornamentals and aromatic medicinal plants*:**

i) For fruit vegetables BBCH 10-88 (from leaf development to fruit ripening), ii) For leafy vegetables BBCH 10-19 (in leaf development), 1-7 foliar applications or by fertigation. Quality characteristics: Increased chlorophyll content in leaves (SPAD index), Vegetation Index (NVDI), number of fruits/plant, average fruit weight (g/fruit), weight of harvested fruits/leaves (g/experimental plot; kg/experimental plot), weight of marketable fruits (kg/plot), fruit diameter (mm/fruit), degree of fruit color (%), plant vigor (%).

*According to CEN/TS 17700:1:2022 the group of large-scale crops includes barley, beans, beets, borage (cucumber), buckwheat, chickpeas, clover, cotton, durum wheat, evening primrose, grasses, hemp, lentils, linseed, alfalfa, lupine, maize, mustard (for seed), oats, peas, poppy, potatoes, quinoa, rapeseed, leafy vegetables, rice, rye, cornflower, forage cabbage (onobrychis), sesame, sorghum, soybeans, wild wheat (oliva), sugar beet, sugar cane, sunflower, sweet potato, corn, tobacco, triticale, turf, vetch and wheat.

**According to CEN/TS 17700:1:2022 Woody perennials

include almond, apple, apricot, avocado, bay leaf, blackcurrant, raspberry, blueberry, caper, cherimoya, cherry, chestnut, citrus, cocoa tree, coffee tree, cranberry, curry leaf, date, elderberry, fig, grape, guava, hazelnut, hops, wild cypress, kaffir lime, kiwi, liquorice, blackberry, mango, medlar, mulberry, nectarine, olive, papaya, passion fruit, peach, pear, persimmon, pistachio, plum, pomegranate, quince, raspberry, red currant, rose bushes, tea tree and walnut.

***According to CEN/TS 17700:1:2022 Vegetables, ornamental and aromatic medicinal plants include Asparagus, Eggplant, Banana, Basil, Broccoli, Brussels sprouts, Onion, Cabbage, Artichoke, Carrot, Cauliflower, Celery, Celery, Radishes, Chinese cabbage, Chives, Zucchini, Cucumber, Dill, Endive, Fennel, Flowers, Garlic, Leek, Lettuce, Melon, Mint, Oregano, Parsley, Pistachio, Pepper, Pineapple, Pumpkin, Slippery elm, Radish, Beetroot, Rocket, Saffron (Kozani saffron), Spinach, Strawberry, Swiss chard, Tomato, Watermelon.

Water quantity: Use sufficient water to ensure good coverage, typically 100-200 l/ha for large crops and 300-3000 l/ha for woody perennials and 250-1000 l/ha for vegetable crops depending on the size of the crop.

Recommended application preparation: Fill the spray tank halfway with water and start stirring. Shake the tank before mixing. Add the required amount of STATUSTM, followed by the remaining water. Add STATUSTM to the spray tank after adding crop protection products or foliar nutrients.

Compatibility: The product is compatible with most crop protection products and foliar nutrients. For compatibility information, contact NITROFARM S.A. or your supplier.

Caution: Undiluted products should not come into contact with each other during mixing.

Recommended storage conditions: Store in a locked chemical store. Store away from sunlight in a cool, dry place. Storage temperature may range from 2°C to 35°C. Protect from frost.

Equipment: STATUSTM is suitable for use with all standard field sprayers and nozzles in accordance with good agricultural practice. After use, follow standard cleaning instructions for equipment and additional recommendations for spray tank additives.

Additional information: STATUSTM is a pure plant biostimulant that combines MTU and Pidolic acid, proven molecules with complementary modes of action that offer drought stress tolerance, nitrogen use efficiency, improved crop quality. MTU affects photosynthesis and enhances tolerance to abiotic stress. Pidolic acid is a signaling compound that enhances nitrogen assimilation.

NitroFarm SA is certified with EN ISO 9001:2015 Quality Management System and EN ISO 14001:2015 Environmental Management System

PAGE 33



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NitroFarm

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