NIXELA®

CE

LIQUID NON-MICROBIAL BIOSTIMULANT (PFC 6(B)) AND
COMPOUND LIQUID INORGANIC FERTILISER (PFC 1(C)(I)(b)(ii))

NPK Ca-Mg 0-0-5 (3-1)

For foliar application

Content:

5.7% Water soluble Potassium oxide (K_2O)
3.5% Water soluble Calcium oxide (CaO)
2.5% Salicylic acid
1.3% Water soluble Magnesium oxide (MgO)
0.2% Water soluble Boron (B)
46.1% Dry matter

1 kg/kg of plant biostimulant

Ingredients:

CMC 1: Virgin materials and substances: Heptagluconic acid CAS 23351-51-1, Acetic acid CAS 64-19-7, Potassium hydroxide CAS 1310-58-3, Calcium dihydroxide CAS 1305-62-0, Salicylic acid CAS 69-72-7

Instructions and application rates:

CROP	APPLICATION RATE	APPLICATION METHOD	CLAIMS
Broadacre Crops (EU Biostimulants Group 1)			
Grain cereals (Wheat, Barley, Oat, Rye, Maize, Sorghum, Rice, Millet, Sweet corn, Triticale)	Foliar application: 500ml/100 ℓ to a maximum of 1.5 ℓ/ha. Do not apply in less than 100L of water. Seed treatment: 500mℓ-1ℓ per 100kg of seed. In Furrow: 1ℓ/ha in a minimum of 100ℓ/ha of water.	Apply as foliar application at tillering (3-4 leaf stage), repeat at flag leaf- or tasselling stage, with final optional application 21 days later. Apply as a seed treatment or an in-furrow application at planting.	• Improves nutrient use efficiency of Ca, Mg, Zn, N, P, Fe, B, Cu & K • Increases plant sap brix value • Improves plant- and root growth

Legumes (Dry bean, Green bean, Soybean, Pea, Lentil, Lupin, Clover, Alfalfa (Lucerne), Trefoil, Kudzu, Vetch, Groundnut, Chickpea, Broad bean, Guar, Pigeon pea)	Foliar application: 500ml/100 ℓ to a maximum of 1.5 ℓ/ha. Do not apply in less than 100L of water. Seed treatment: 250-500mℓ per 100kg of seed. Note: Do not exceed 500mℓ of application solution per 100kg of seed In Furrow: 1ℓ/ha in a minimum of 100ℓ/ha of water	Apply as full cover foliar application at 3-4 trifoliate, repeat at flowering, with optional final application 21 days later. Apply as a seed treatment or an in-furrow application at planting.	• Increases yield- and yield quality potential
Oil Seed (Sunflower, Flax, Oilseed rape)	Foliar application: 500ml/100 ℓ to a maximum of 1.5 ℓ/ha. Do not apply in less than 100L of water. Seed treatment: 500mℓ-1ℓ per 100kg of seed. In Furrow: 1ℓ/ha in a minimum of 100ℓ/ha of water.	Apply as foliar application at stem elongation (3-4 leaf stage), repeat at flowering, with optional final application 21 days later. Apply as a seed treatment or an in-furrow application at planting.	
Woody Perennial Crops (EU Biostimulants Group 2)			
Pome- and stone fruit (Apple, Pear, Persimmons, Cherry, Plum, Peach, Nectarine, Quince, Apricot, Prune)	Foliar Application: 200 mℓ/100 ℓ water to a maximum of 3 ℓ/ha	Apply 3-4 applications from 5cm shoot length, 50% flowering and repeat with 21-28 day intervals.	• Improves seedling establishment • Improves root development and growth • Improves plant growth (leaf area, and increase canopy biomass) • Increases plant growth vigour, chlorophyll content, and photosynthesis • Improves crop tolerance to abiotic stress (Hydric stress) • Increased nutrient leaf content (N, P, K, Mg, Ca, B, Zn, Fe, Mn & Mo) • Increases yield and yield quality potential
Citrus (Lemon, Clementine, Tangelo, Nadorcott, Pummelo, Grapefruit, Satsuma Mandarin (Tangerine), Orange, Calamondin, Citrus citron, Lime, Kumquat)		Apply 3-4 applications from 5cm shoot length, 50% flowering and repeat with 21-28 day intervals.	
Pomegranate		Apply 3-4 applications from 5cm shoot length, 50% flowering and repeat with 21-28 day intervals.	
Vines (Table grape, Wine grape)		Apply 3-4 applications from 5cm shoot length, 50% flowering and repeat with 21-28 day intervals.	
Other woody perennials (Kiwi fruit, Passion fruit, Granadilla)		Apply 3-4 applications from 5cm shoot length, 50% flowering and repeat with 21-28 day intervals.	
Olives		Apply 3-4 applications from 5cm shoot length, 50% flowering and repeat with 21-28 day intervals.	

Nut trees (Almond, Pecan, Macadamia, Hazelnut, Pistachio, Walnut, Pine nut, Chestnut, Cashew)		Apply 3-4 applications from 5cm shoot length, 50% female flowering and repeat with 21-28 day intervals.	
Berries (Blueberry, Raspberry, Blackberry, Blackcurrant, Strawberry, Gooseberry, Goji berry)		Apply 3-4 applications from 5cm shoot length, 50% flowering and repeat with 21-28 day intervals.	
Hops		Apply 3-4 applications from 5cm shoot length, 50% flowering and repeat with 21-28 day intervals.	
Tropical- and Subtropical Fruit (Mango, Avocado, Litchi, Guava, Fig, Date, Dragon fruit, Prickly pear)		Apply 3-4 applications from 5cm shoot length, 50% flowering and repeat with 21-28 day intervals.	
Vegetables, Flowers & Medicinal Crops (EU Biostimulants Group 3)			
Bulb Vegetables (Onion, Leak, Garlic, Scallions, Lemongrass, Chive, Spring onion)	Foliar Application: 500 mℓ/100 ℓ water to a maximum of 2.5 ℓ/ha	Apply 3-4 applications after transplanting or at leaf development and repeat with 21 day intervals.	• Improves seedling establishment • Improves root development and growth • Improves plant growth (leaf area, and increase canopy biomass) • Increases plant growth vigour, chlorophyll content, and photosynthesis • Improves crop tolerance to abiotic stress (Hydric stress) • Increased leaf nutrient content (N, P, K, Ca, & B). • Increases yield and yield quality potential
Root & stem vegetables (Carrots, Radish, Horseradish, Cabbage root, Ginger, Turnip, Parsnip, Artichoke, Sugar beet, Beets, Asparagus)	Foliar Application: 500 mℓ/100 ℓ water to a maximum of 2.5 ℓ/ha In Furrow: 1ℓ/ha in a minimum of 100ℓ/ha of water.	Apply 3-4 applications after transplanting or at leaf development and repeat with 21 day intervals. Apply as an in-furrow application at planting.	
Leafy vegetables (Cabbage, Lettuce, Cauliflower, Broccoli, Brussel sprouts, Spinach, Chinese cabbage, Kale, Rocket, Fennel, Swiss chard, Parsley, Celery, Watercress, Basil, Dill)	Foliar Application: 500 mℓ/100 ℓ water to a maximum of 2.5 ℓ/ha	Apply 3-4 applications after transplanting or at leaf development and repeat with 21 day intervals.	
Cucurbits (Pumpkin, Watermelon, Melon, Butternut, Squash, Baby marrow, Patty pan, Cucumber,	Foliar Application: 500 mℓ/100 ℓ water to a maximum of 2.5 ℓ/ha	Apply 3-4 applications after transplanting or at leaf development and repeat with 21 day intervals.	
Fruiting vegetables (Eggplant, Tomato, Okra, Pepino, Capsicum, Pepper, Chilli)	Foliar Application: 500 mℓ/100 ℓ water to a maximum of 2.5 ℓ/ha	Apply 3-4 applications after transplanting or at leaf development and repeat with 21 day intervals.	
Tuber vegetables (Potato, Sweet Potato)	Foliar Application: 500 mℓ/100 ℓ water to a maximum of 2.5 ℓ/ha In Furrow: 1ℓ/ha in a minimum of 100ℓ/ha of water.	Apply 3-4 applications after transplanting or at leaf development and repeat with 21 day intervals. Apply as an in-furrow application at planting.	
Ornamentals (cut flowers, florist greens (decorative foliage) bulbs, corms, rhizomes, tubers and roots, cuttings and scions, and nursery stocks)	Foliar Application: 200 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Apply 3-4 applications after transplanting or at leaf development and repeat with 21 day intervals.	

To be used only where there is a recognized need. Do not exceed the application rate.

- Half fill the tank to the required volume of water.
- Add the required amount of Nixela®.
- Fill the remainder of tank with water and maintain agitation.

Compatibility:

Nixela® should not be used with any with any sulphur, fatty acid or potassium silicate-based products.

Confirm tank mix compatibility and crop tolerance before mixing with other products. For more detailed directions for use on the product, and for soil applications, contact your Crop Protection representative. www.aeciph.com

Recommended storage conditions:

Store the product in a dry and well-ventilated space, out of direct sunlight.

Keep container tightly sealed until ready for use.

Storage temperature 0 - 40ºC for 24 months from manufacturing date.

Information on safety and environment:

Classified as dangerous for supply/use under regulation (EC) No. 1272/2008 (CLP)
UFI: C6YS-U1TT-7004-DCXA



GHS08



GHS07

Danger

Hazard statements:
H319: May cause serious eye irritation.
HF360FD: May damage fertility. May damage the unborn child.

Precautionary statements:
P203: Read and follow all safety instructions before use
P280: Wear impervious rubber gloves and boots, protective clothing, and chemical safety goggles.
P270: Do not eat, drink when using this product.
P264: Wash hands and face thoroughly after handling.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313: If eye irritation persists; Get medical help.

Emergency contact:
In case of emergency, contact: Tel. (+27) 11 823 8000

General information:

FOR PROFESSIONAL USE ONLY

Production date: See on packaging Expiry date: 3 years from production date	Batch number: Xxx yyy
Contents: 1 L LIQUID	Manufacture and supplier: AECI Limited Reg. No. 1924/002590/06 P.O Box 14418 Witfield, 1467 14 Field Road, Lilianton, 1459 Tel: (+27) 11 823-8000 www.aeciph.com / www.aeciworld.com

(also 100ml, 150ml, 200ml, 250ml, 500ml, 5L, 10L, 15L, 25L, 200L, 210L, 1,000L)	

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