

DeKompakt™

CE

LIQUID INORGANIC SOIL IMPROVER (PFC 3(B))

For soil application

Dry matter content: 52% by mass

Total Nitrogen (N) 7.6% by mass

Ingredients:

CMC 1 Virgin materials and substances: Calcium nitrate CAS 10124-37-5, CMC 11 By-products: Fulvic acid CAS 479-66-3

Instructions and application rates:

CROP	APPLICATION RATE	APPLICATION METHOD
Broadacre		
GRAIN CEREALS (Wheat, Barley, Oats, Rye, Maize, Sorghum, Rice, Millet, Sweet corn, Triticale) LEGUMES (Dry bean, Green bean, Soybeans, Peas, Lentils, Lupins, Clover, Alfalfa (Lucerne), Trefoil, Kudzu, Vetch, Groundnuts, Chickpeas, Broad beans, Guar, Pigeon pea) OIL SEED (Sunflower, Flax, Oilseed rape)	To alleviate chemical soil compaction layer or improve soil workability: Light soils CEC (Cation exchange capacity) <10. 30L/ha Medium soils CEC = 10-25. 50L/ha Heavy soils CEC >25. 70L/ha	Applicable application methods: Soil application via boom spray (minimum of 400L of water / ha), Liquid Injection, Irrigation
	To reduce soil salinity, - crusting and improve soil quality, in planting furrow, apply at 10-20L/ha. *Applications may need to be repeated depending on the severity	Applicable application methods: Soil application via boom spray (minimum of 400L of water / ha), Liquid Injection, Irrigation, In-Furrow.
	Note: When applied through irrigation systems, do not apply at a rate higher than 2L of DeKompakt per 1000L of irrigation water. Do not apply when conditions are extremely hot. Best applied in the temperature range of 5-25C. Ensure the field has good drainage or implement a salt removal strategy (removing the plant biomass).	

CROP	APPLICATION RATE	APPLICATION METHOD
Nut & Fruiting crops		
POME AND STONE FRUIT (Apples, Pears, Persimmons, Cherries, Plums, Peaches, Nectarines, Quinces, Apricots, Prunes) CITRUS (Lemons, Clementines, Tangelo, Nadorcott, Pummelo, Grape Fruit, Satsuma, Mandarin (Tangerine), Oranges, Calamondin, Citrus citron, Lime, Kumquat) POMEGRANATES VINES (Table grapes, Wine grapes) OTHER WOODY PERENNIALS (Kiwi fruit, Passion fruit, Granadilla) OLIVES NUT TREES (Almond, Pecan, Macadamia, Hazelnut, Pistachios, Walnuts, Pine nuts, Chestnuts, Cashew) BERRIES (Blueberries, Raspberries, Blackberries, Blackcurrant, Strawberries, Gooseberries, Goji berry) HOPS TROPICAL - AND SUBTROPICAL FRUIT (Mangoes, Banana, Avocados, Litchis, Guava, Fig, Date, Dragon Fruit, Prickly pear)	To alleviate chemical soil compaction layer or improve soil workability: Light soils CEC (Cation exchange capacity) <10. 30L/ha Medium soils CEC = 10-25. 50L/ha Heavy soils CEC >25. 70L/ha	Applicable application methods: Soil application via boom spray (minimum of 400L of water / ha), Liquid injection, Irrigation
	Reduce soil salinity, - crusting and improve soil quality, via the irrigation apply at 10-20L/ha. *Applications may need to be repeated depending on the severity	Applicable application methods: Soil application via boom spray (minimum of 400L of water / ha), Liquid Injection, Irrigation.
	Note: When applied through irrigation systems, do not apply at a rate higher than 2L of DeKompakt per 1000L of irrigation water. Do not apply when conditions are extremely hot. Best applied in the temperature range of 5-25C. Ensure the field has good drainage or implement a salt removal strategy (removing the plant biomass).	

CROP	APPLICATION RATE	APPLICATION METHOD
Vegetables, Flowers & Medicinal Crops		
BULB VEGETABLES (Onion, Leeks, Garlic, Scallions, Lemongrass, Chives, Spring onion) ROOT & STEM VEGETABLES (Carrots, Radish, Horseradish, Cabbage root, Ginger, Turnips, Parsnips, Artichoke, Sugar beet, Beets, Asparagus) LEAFY VEGETABLES (Cabbage, Lettuce, Cauliflower, Broccoli, Brussel sprouts, Spinach, Chinese cabbage, Kale, Rocket, Fennel, Swiss chard, Parsley, Celery, Watercress, Basil, Dill)	To alleviate chemical soil compaction layer or improve soil workability: Light soils CEC (Cation exchange capacity) <10. 30L/ha Medium soils CEC = 10-25. 50L/ha Heavy soils CEC >25. 70L/ha	Applicable application methods: Soil application via boom spray (minimum of 400L of water / ha), Liquid injection, Irrigation
CUCURBITS (Pumpkins, Watermelons, Melons, Butternuts, Squashes, Baby marrow, Patty pan, Cucumber) FRUITING VEGETABLES (Eggplant, Tomatoes, Okra, Pepino, Capsicum, Peppers, Chillies)	Reduce soil salinity, - crusting and improve soil quality, via the irrigation apply at 10-20L/ha. *Applications may need to be repeated depending on the severity	Applicable application methods: Soil application via boom spray (minimum of 400L of water / ha), Liquid Injection, Irrigation, In-Furrow.
TUBER VEGETABLES (Potatoes, Sweet potatoes)	Note: When applied through irrigation systems, do not apply at a rate higher than 2L of DeKompakt per 1000L of irrigation water. Do not apply when conditions are extremely hot. Best applied in the temperature range of 5-25C. Ensure the field has good drainage or implement a salt removal strategy (removing the plant biomass).	

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

- Half fill spray tank to the required volume of water
- Add the required amount of DeKompakt
- Add appropriate amount of wetting agent as per manufacturer's instruction
- Fill the remainder of tank with water and maintain agitation

Apply through boom spray, liquid injection, in-furrow, aerial or overhead irrigation. Do not apply when conditions are extremely hot.

NOTE: When applied through irrigation systems, do not apply at a rate higher than 2L of DeKompakt / 1 000L of irrigation water.

When soil water infiltration is impaired due to hydrophobic conditions, it is recommended to apply an additional soil-wetting agent—either as a pre-application or as a tank-mix—following the manufacturer's instructions.

Compatibility:

DeKompakt can be used with most commonly used foliar feeds, except products containing phosphate or sulphate. However, for use with any agricultural remedy it is recommended to do a compatibility test on a small area and observe the treated area for 3 days before doing commercial applications.

DeKompakt cannot be mixed with products containing phosphate or sulphate. When applying DeKompakt, the liability remains with the user. AECI Plant Health will not be held accountable.

For more detailed directions for use on the product, contact your Crop Protection representative.

www.aeciph.com

Recommended storage conditions:

Do not store product in direct sunlight. Do not store product in temperatures below 5°C.

Keep container tightly sealed until ready for use.

Information on safety and environment:

Classified as dangerous for supply/use under regulation (EC) No. 1272/2008 (CLP)

UFI: W110-N0HR-A009-S493



Danger

Hazard statement:

H318: Causes serious eye damage

H302: Harmful if swallowed

Precautionary statements:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash hands and exposed skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Emergency contact:

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

General information:

FOR PROFESSIONAL USE ONLY

CONDITIONS OF SALE: These goods are manufactured and tested to specific standards and are sold in good faith. However, no guarantee is given as conditions and methods under which they are used are beyond the control of the manufacturer. Before using, the user should determine the suitability of the product for his/her intended use and the user assumes the risk and liability in connection therewith.

Production date: See on packaging Expiry date: 3 years from production date	Batch number: Xxx yy
Contents: 25 L LIQUID SOLUTION (also 20L, 200L, 1,000L)	Manufacture and supplier: AECI Ltd 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

DeKompakt™ is an applied trademark of AECI® Limited

