AXI-MnZn SC

PFC 1(C)(II)(B): INORGANIC COMPOUND FERTILIZER BASED ON MICROELEMENTS

Mn e Zn (15%-25%) in suspension

- Prevents and corrects Manganese and Zinc deficiencies.
- Improves shoot lignification.
- Increases fruit size, advances ripening and raises sugar content.

Application on the plant

1.0 L/Ha Average dose

FEATURES

AXI-MnZn SC is a foliar fertilizer formulated as a concentrated suspension, specifically designed to prevent and correct Manganese and Zinc deficiencies in crops with a high demand for these elements, such as citrus, vines, fruit trees and horticultural crops. Zinc and manganese are 2 micro elements which influence important biochemical processes, such as the formation of essential amino acids like tryptophan, entering in the synthesis of the enzymes responsible for the photosynthesis process and colouring of fruit. Manganese deficiency appears as uneven interveinal chlorosis accompanied by spots and mottling on young leaves. Zinc deficiency also manifests on younger leaves, which become chlorotic, with necrosis in more severe cases. Shortened internodes are observed, and the shoots take on the typical rosette-like appearance. AXI-MnZn SC supplies plants with Manganese and Zinc in a highly available form and in the proper ratio. Thanks to the purity of its components and the presence of specific chelating co-formulants, AXI-MnZn SC ensures greater absorption and rapid transfer of the elements into the treated tissues. Movement and penetration into the plant are also ensured by the extremely fine micronisation of the mineral components, which produces ultra-fine particles that can easily pass through the leaf wall and be readily transported by the plant.

COMPOSITION

MANGANESE (Mn)	15%	280 g/l
ZINC (Zn)	25%	480 g/l

Ingredients: Zinc Oxide1 (CAS 1314-13-2);
Manganese Carbonate1 (CAS 598-62-9).
CMC 1: Virgin material substances and mixtures

CLASSIFICATION

CLP H410

FORMULATION

Concentrated suspension.

PACKAGING

Bottles: L 1 = 1.7-1.9 g/mL
Can: L 10

MISCIBILITY AND WARNINGS

AXI-MnZn SC is miscible with all foliar fertilizers and plant protection products, subject to prior acidification in barrels for acid-reacting products. Avoid mixing with oils.

CROPS	APPLICATION PERIOD	DOSE* Foliar application	NOTES
VINES AND TABLE GRAPES	1-3 applications, from new growth, every 8-12 days	1.0 - 1.2 L/Ha	*Refers to recommended spray volumes of 1000 L/Ha.
APPLE and PEAR	1-3 applications, from new growth, every 8-12 days	1.0 - 1.2 L/Ha	
PEACH and STONE FRUIT	1–2 applications, from "fruit bud", every 8 days	0.8 - 1.0 L/Ha	
KIWIFRUIT, TREE NUTS AND FRUIT PLANTS IN GENERAL	2-4 applications, from new growth, every 8-12 days	1.0 - 1.2 L/Ha	
OLIVE	1-2 applications, from fruit set, every 10 days	1.0 - 1.2 L/Ha	
CITRUS FRUIT	1-3 applications, from new growth, every 8-12 days	0.8 - 1.5 L/Ha	
EXTENSIVE AND INDUSTRIAL CROPS	1-2 applications from the initial growth phases	0.8 - 1.5 L/Ha	
TOMATOES, PEPPERS, AUBERGINES	2–3 applications, from fruit growth of first stage, every 10–12 days	1.0 - 1.2 L/Ha	
LETTUCE and LEAFY VEGETABLES	1-3 applications on grown plants, every 7-8 days	0.8 - 1.0 L/Ha	
VEGETABLES IN GENERAL	1-3 applications, from new growth, every 8-12 days	1.0 - 1.2 L/Ha	
STRAWBERRIES	1-3 applications, from fully-formed fruit, every 8-10 days	0.8 - 1.0 L/Ha	
SHRUBS and NURSERY CROPS	1-3 applications, from new growth, every 8-12 days	80–100 mL/hL	
FLOWERS and ORNAMENTAL PLANTS in general	1-2 applications in the initial phases. Do not apply after budding.	70–100 mL/hL	