



- It induces the natural self-defence of plants
- Absorbed very quickly by leaves and roots
- Complete systemic translocation inside the plant

CHARACTERISTICS & RESULTS

KALEX line is composed by four products, three based on Phosphite plus one innovative formulation Phosphite-free. All the products can stimulate the production of Phytoalexins inside the plant. Phytoalexins give signals that trigger an endogenous defence response that allow the plant to obtain a systemic resistance.

KALEX line products have a great systemic xylematic and phloematic translocation inside the plant (both upward and downward in the plants vascular system); for this reason, they may be applied successfully by foliar spray, by drench or by drip irrigation, moving quickly from the roots to the leaves.

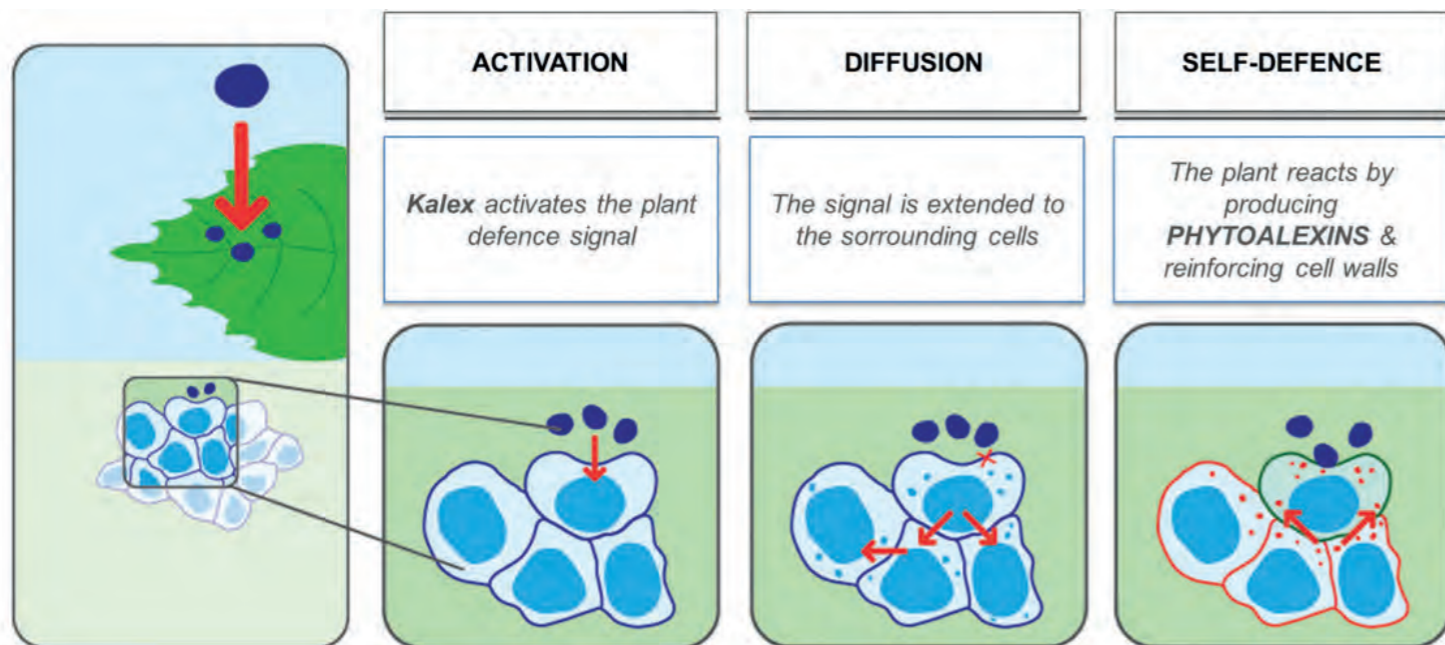
KALEX contains high % of K-Phosphite which acts as resistance inductor. **KALEX** allows to obtain a greater bio-fortification of the plant by strengthening its immune system.

KALEX Cu is a special formulation containing Cu-Phosphite which acts as resistance inductor. Copper will be active both by systemic and by contact thus granting a protection and resistance against a wider range of biotic stresses.

KALEX Zn contains Zn-Phosphite which acts as resistance inductor. **KALEX Zn** is strongly indicated for crops which suffer Zinc deficiency symptoms. **KALEX Zn** promotes root development and blooming thanks the important role of Zinc for auxins synthesis.

KALEX EVO is a new formulation phosphite-free based on carbohydrates, vegetal extracts, carboxylic acids and Copper. These natural components together with the synergic action of Copper determines an induction resistance against biotic stresses.

The defence effect is mainly due to the antioxidant effect of the organic compounds contained in **KALEX EVO** (they enhance the secondary metabolism stress response).



APPLICATION RATE

Products	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
KALEX	2 - 4	6 - 12	2 - 4	every 10 - 15 days
KALEX Cu	0,5 - 1	4 - 8	1 - 4	every 10 - 15 days
KALEX Zn	1 - 4	6 - 12	1 - 4	every 10 - 15 days
KALEX EVO	1 - 2	4 - 8	1 - 4	every 10 - 15 days

Do not apply with Copper, Sulphur, strong acidic and basic pH solutions.

COMPOSITION (% w/w)

	KALEX	KALEX Cu	KALEX Zn	KALEX EVO
Total nitrogen (N)	-	9,0	4,0	-
- Ureic nitrogen (N-NH ₂)	-	-	4,0	-
Phosphorus pentoxide (P ₂ O ₅) water soluble	30,0	21,0	28,0	-
Potassium oxide (K ₂ O) water soluble	20,0	-	1,6	-
Boron (B) water soluble	-	0,13	-	-
Copper (Cu) water soluble	-	4,0	-	4,1
Zinc (Zn) water soluble, chelated by EDTA	-	0,12	-	-
Zinc (Zn) water soluble	-	-	8,0	-
Molybdenum (Mo) water soluble	-	-	-	0,03
pH at 20 °C	4,0÷5,0	6,0÷7,0	1,0÷2,0	4,5÷5,5
Density (g/L at 20 °C)	1390÷1410	1390÷1410	1350÷1370	1200÷1220
Packaging	1L (1Lx16); 6L (6Lx2); 20L			

KALEX EVO

