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SIL Fe Zn

Silicon and Zinc Fertilizer.
Special for Extensive Crops

Si Silicon

Fe Iron

Zn Zinc

SILICON

IMPORTED FROM EU

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COMPOSITION	%w/v
Silicon (SiO_2)	18,0
Iron (Fe)	2,0
Zinc (Zn)	2,0

ACTIONS

- INCREASED PLANT TOLERANCE TO ADVERSE GROWING CONDITIONS (E.G. DROUGHT AND OTHER ABIOTIC STRESSES)
- LIMITED INFLUENCE OF BIOTIC STRESS CAUSED BY PATHOGENS AND/OR PEST ATTACK
- STIMULATED ROOT GROWTH IN YOUNG PLANTS
- IMPROVED CROP YIELD, QUALITY AND STORAGE PARAMETERS.

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CHARACTERISTICS

- DESIGNED FOR EXTENSIVE CROPS
- PREVENTIVE / CURATIVE ACTION
- OPTIMAL MISCIBILITY
- LOW COST OF TREATMENT (0.5L / HA)

Fertilizer

Foliar/Soil

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FERTIGATION

Recommended solution: 50–270 ml of EX-SIL Fe in 1,000 l of ready-to-use nutrient solution.
Use in a separate fertigation cycle or together with fertilizers after checking if suitable for mixing.
For soil-grown plants, use every 3–5 cycles of fertigation.
For soilless cultures, use for potting mats and several times during the plant growing season.
In strawberry cultivation, use up to 120 ml in 1,000 l of nutrient solution.

Fertilizer
Foliar/Soil

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FOLIAR APPLICATION

FIELD CROPS:

BARLEY (FEED AND MALTING) (WINTER CROP)

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–4. Optimum amount of working solution: 200–300 l/ha.	
AUTUMN: • Leaf development – until beginning of tillering (BBCH 13–22) **SPRING:** • Flag leaf stage – until first awns visible (BBCH 39–49) • End of flowering – until medium milk maturity of grains (BBCH 69–75)	0.5 l/ha 0.5 l/ha

BARLEY (FEED AND MALTING) (SPRING CROP)

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–3. Optimum amount of working solution: 200–300 l/ha.	
• Leaf development – until beginning of steam elongation (BBCH 13–32) • Flag leaf stage – until first awns visible (BBCH 39–49) • End of flowering – until medium milk maturity of grains (BBCH 69–75)	0.5 l/ha 0.5 l/ha 0.5 l/ha

OAT

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–3. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Leaf development – until beginning of tillering (BBCH 13–22) • Stem elongation – until flag leaf stage (BBCH 30–39) • End of flowering – until early milk maturity of grains (BBCH 69–73)	0.5 l/ha 0.5 l/ha 0.5 l/ha

OILSEED RAPE (WINTER CROP)

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–3. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
AUTUMN: • 4–8 leaves unfolded (BBCH 14–18) **SPRING:** • After spring start of plant growth, main stem development (BBCH 30–36) • Flower buds still enclosed by leaves – until buds raised above leaves (BBCH 50–53) Individual flower buds visible, still closed – until beginning of flowering (BBCH 55–61) full flowering (beginning of petals fall) – until beginning of pods development (BBCH 65–73)	0.5 l/ha 0.5 l/ha 0.5 l/ha

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FOLIAR APPLICATION

FIELD CROPS:

OILSEED RAPE (SPRING CROP)

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2-4 Optimum amount of working solution; 200-300 L/ha. Proposed period of use (optimum periods; optional/complementary periods):	
• Leaf development - until beginning of main stem development (BBCH 14-31)	0.5 l/ha
• Flower buds still enclosed by leaves – until buds raised above leaves (BBCH 50-53)	0.5 l/ha
• Individual flower buds visible, still closed – until beginning of flowering (BBCH 55-61)	0.5 l/ha
• Full flowering (beginning of petals fall) – until beginning of pods development (BBCH 65-73)	0.5 l/ha

MAIZE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–4. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 2–6 leaves unfolded (BBCH 12–16), 4 leaves is the optimum stage for treatment	0.5 l/ha
• 7–8 leaves unfolded (BBCH 17–18)	0.5 l/ha
• Stem elongation – until beginning of tassel formation (BBCH 31–51), until the height of the plants allows spray treatment	0.5 l/ha
• Tassel and ear (cob) emergence – until beginning of kernel development (BBCH 53–71) recommended to apply with insecticide and/or fungicide treatments in these growing stages	0.5 l/ha

RICE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3-4. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Tillering (BBCH 21–29)	0.5 l/ha
• Beginning of stem elongation (BBCH 30–32)	0.5 l/ha
• End of booting (BBCH 47–49)	0.5 l/ha
• Beginning of panicle emergence (BBCH 51–53)	0.5 l/ha

SUNFLOWER

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–4. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 2–3 pairs of leaves (BBCH 14–16)	0.5 l/ha
• Stem elongation until inflorescence emergence (BBCH 30–53)	0.5 l/ha
• In the case of the expected limited availability of water, apply 1–2 additional sprays at intervals of 5–7 days.	0.5 l/ha

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FOLIAR APPLICATION

FIELD CROPS:

SORGHUM

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–3. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Development of leaves until tillering (BBCH 13–29)	0.5 l/ha
• Beginning of stem elongation until beginning of tassel formation (BBCH 31–51)	0.5 l/ha
• Development of grains until early milk maturity of grains (BCH 71–73)	0.5 l/ha

WHEAT (SPRING CROP)

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–3. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Leaf development – tillering (BBCH 13–29)	0.5 l/ha
• Stem elongation (BBCH 30–39)	0.5 l/ha
• Heading – until early milk maturity of grains (BBCH 51–73) except of flowering period, when foliar treatments are not recommended	0.5 l/ha

WHEAT (WINTER CROP)

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–4. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
AUTUMN:	
• 3–6 leaves unfolded (BBCH 13–16)	0.5 l/ha
SPRING:	
• Tillering (BBCH 22–29)	0.5 l/ha
• Stem elongation (BBCH 30–39)	0.5 l/ha
• Heading – until early milk maturity of grains (BBCH 51–73) except of flowering period, when foliar treatments are not recommended	0.5 l/ha

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FOLIAR APPLICATION

COTTON:

COTTON

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3-4. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 4th–6th true leaf unfolded (BBCH 14–16).	0.5 l/ha
• 30–50% of plants meet between rows (BBCH 33–35).	0.5 l/ha
• Beginning of inflorescence emergence (BBCH 51–52).	0.5 l/ha
• Beginning of bolls development (BBCH 71–72).	0.5 l/ha

COFFEE:

COFFEE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3 Optimum amount of working solution; 500-1.000 L/ha. Proposed period of use (optimum periods; optional/complementary periods):	
• Number of foliar branches (BBCH 21-25).	0.5 l/ha
• Branch elongation (BBCH 31-39).	0.5 l/ha
• Beginning of fruit development (BBCH 71-73).	0.5 l/ha

HORTICULTURAL:

BEETROOT

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2-4 Optimum amount of working solution; 400-600 L/ha. Proposed period of use (optimum periods; optional/complementary periods):	
• 2 -4 true leave / 1-2 pairs of leaves (BBCH 12-14).	0.5 l/ha
• 5 true leaves / beginning of crop cover (BBCH 15-31).	0.5 l/ha
• Storage root beginning to develop, diameter above 2 cm (BBCH 41-43).	0.5 l/ha
• Root reaches 40-70% of typical diameter (BBCH 44-47).	0.5 l/ha

BROCCOLI

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2 - 3. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 5–6 true leaves unfolded (BBCH 15–16).	0.5 l/ha
• 3–8 side shoots visible (BBCH 23–28).	0.5 l/ha
• Broccoli head begins to grow (> 1 cm) until head reaches 20% of typical size (BBCH 41–42).	0.5 l/ha

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FOLIAR APPLICATION

HORTICULTURAL:

BULB VEGETABLES

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3 - 4. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 3–5 clearly visible leaves (BBCH 13–15).	0.5 l/ha
• Leaf development (BBCH 16–19).	0.5 l/ha
• Harvestable plant parts begin to develop (BBCH 41–43).	0.5 l/ha
• Development of harvestable plant parts (BBCH 45–47).	0.5 l/ha

CAULIFLOWER

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2 - 3. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 5–6 true leaves unfolded (BBCH 15–16).	0.5 l/ha
• 7–9 true leaves unfolded (BBCH 17–19).	0.5 l/ha
• Cauliflower head begins to grow (> 1 cm) until head reaches 20% of typical size (BBCH 41–42).	0.5 l/ha

CARROT

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2 - 4. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 5–6 true leaves unfolded (BBCH 15–16).	0.5 l/ha
• 7–9 true leaves unfolded (BBCH 17–19).	0.5 l/ha
• Cauliflower head begins to grow (> 1 cm) until head reaches 20% of typical size (BBCH 41–42).	0.5 l/ha

CELERY

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: seedling – 1; field grown 2–4. Optimum amount of working solution: 400–600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
SEEDLING	
• 2–3 true leaves (BBCH 12–13).	0.5 l/ha
FIELD-GROWN	
• 7–8 true leaves (BBCH 17–18).	0.5 l/ha
• 9 true leaves / root begins to expand until root reaches 20% of typical diameter (BBCH 19/41–42)	0.5 l/ha
Root reaches 30–40% of typical diameter (BBCH • 43–44).	0.5 l/ha
Root reaches 50–80% of typical diameter (BBCH • 45–48).	0.5 l/ha

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FOLIAR APPLICATION

HORTICULTURAL:

CUCUMBER

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3 - 6. Optimum amount of working solution: 400 - 600 l/ha.	
• 3–5 true leaves unfolded on the main stem (BBCH 13–15).	0.5 l/ha
• 6–9 or more leaves unfolded on the main shoot (BBCH 16–19).	0.5 l/ha
• Formation of primary side shoots (BBCH 21–29).	0.5 l/ha
• 1–2 flower initials with elongated ovary visible on the main stem (BBCH 51–52).	0.5 l/ha
• 6–7 flower initials with elongated ovary visible on the main stem (BBCH 56–57).	0.5 l/ha
• First fruit on the main stem has reached typical size and form (BBCH 71).	0.5 l/ha

MELON

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/-complementary periods):	
• 3–5 true leaves unfolded (BBCH 13–15).	0.5 l/ha
• Formation of primary side shoots (BBCH 21–29).	0.5 l/ha
• 1–2 flower initials with elongated ovary	0.5 l/ha
• Visible on the main stem (BBCH 51–52).	0.5 l/ha

EGGPLANT

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2 - 4. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 8–9 or more leaves unfolded on the main shoot (BBCH 18–19).	0.5 l/ha
• 9 or more flower buds visible until beginning of flowering (BBCH 59–61).	0.5 l/ha
• Beginning of fruit development, 1–3 fruit have reached typical size and form (BBCH 71–73).	0.5 l/ha
• Fruit development, 4–6 fruit have reached typical size and form (BBCH 74–76).	0.5 l/ha

POTATO

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–4. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 3–6 leaves unfolded on the main shoot (BBCH 13–16).	0.5 l/ha
• Formation of side shoots until crop cover (BBCH 21–39).	0.5 l/ha
• Tuber initiation until tubers reach 10% of typical weight (BBCH 40–41).	0.5 l/ha
• Tubers reach 80–90% of typical weight (BBCH 48–49).	0.5 l/ha

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FOLIAR APPLICATION

HORTICULTURAL:

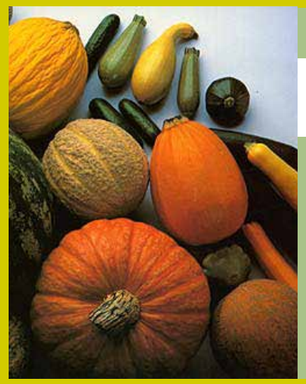
PEPPER

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2 - 4. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 8–9 or more leaves unfolded on the main shoot (BBCH 18–19).	0.5 l/ha
• 9 or more flower buds visible until beginning of flowering (BBCH 59–61).	0.5 l/ha
• Beginning of fruit development, 1–3 fruit have reached typical size and form (BBCH 71–73).	0.5 l/ha
• Fruit development, 4–6 fruit have reached typical size and form (BBCH 74–76).	0.5 l/ha

TOMATO

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2 - 5. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 8–9 or more leaves unfolded on the main shoot (BBCH 18–19).	0.5 l/ha
• 1–3 inflorescences visible (BBCH 51–53).	0.5 l/ha
• First flowers open on 1–3 inflorescences (BBCH 61–63).	0.5 l/ha
• First fruit has reached typical size on 1 cluster (BBCH 71).	0.5 l/ha
• First fruit has reached typical size on 2–3 clusters (BBCH 72–73).	0.5 l/ha

PUMPKIN



APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3 - 5. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 4–9 true leaves on the main stem unfolded (BBCH 14–19).	0.5 l/ha
• Formation of primary side shoots (BBCH 21–29).	0.5 l/ha
• 1–2 flower initials with elongated ovary visible on the main stem (BBCH 51–52).	0.5 l/ha
• 6–7 flower initials with elongated ovary visible on the main stem (BBCH 56–57).	0.5 l/ha
• First fruit on the main stem has reached typical size and form (BBCH 71).	0.5 l/ha

VEGETABLE SEEDLINGS

APPLICATION TIME	DOSE CC/100L
Number of treatments: 1. Proposed periods of use (optimum periods; optional/complementary periods):	
• 1 leaf unfolded until 3 leaves (BBCH 11–13)	watering or spraying 0.05% solution (0.05 l in 100 l of water)

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FOLIAR APPLICATION

HORTICULTURAL:

WATERMELON

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 3–5 true leaves unfolded (BBCH 13–15)	0.5 l/ha
• Formation of primary side shoots (BBCH 21–29)	0.5 l/ha
• 1–2 flower initials with elongated ovary visible on the main stem (BBCH 51–52)	0.5 l/ha

INDUSTRIAL CROPS:

SUGAR BEET

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–3. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 4–6 leaves unfolded (BBCH 14–16)	0.5 l/ha
• 8 leaves unfolded – until beginning of crop cover (BBCH 18–31)	0.5 l/ha
• Leaves cover 20–50% of the ground (BBCH 32–35)	0.5 l/ha

LEGUMINOSAE:

BEAN

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Formation of side shoots (BBCH 21–29)	0.5 l/ha
• First flower buds visible until first flower buds have enlarged (BBCH 51–55)	0.5 l/ha
• Beginning of pod development, 10–30% of pods have reached typical length (BBCH 71–73)	0.5 l/ha

PEA

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3. Optimum amount of working solution: 400 - 600 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Development of leaves and shoots (BBCH 15–39)	0.5 l/ha
• First flower buds visible outside leaves until first separated flower buds visible outside leaves, but remain closed (BBCH 51–55).	0.5 l/ha
• 10–30% of pods have reached typical length (BBCH 71–73)	0.5 l/ha

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FOLIAR APPLICATION

LEGUMINOSAE:

SOYBEAN

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–3. Optimum amount of working solution: 200–300 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Trifoliolate leaf on the 5th node unfolded – beginning of side shoots development (BBCH 15–23)	0.5 l/ha
• Inflorescence emergence (BBCH 51–59)	0.5 l/ha
• Beginning of pods and seeds development (BBCH 70–72)	0.5 l/ha

RASPBERRY

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2-5. Optimum amount of working solution; 500-1.000 L/ha.Proposed period of use (optimum periods; optional/complementary periods):	
• Leaf and shoot development (BBCH 13-39.)	0.5 l/ha
• Inflorescence development (BBCH 51-54).	0.5 l/ha
• Fruit development (BBCH 71-76).	0.5 l/ha
• Fruit development until beginning of ripening (BBCH 77-81).	0.5 l/ha
• Immediately after fruit harvesting.	0.5 l/ha

MINOR CROPS:

BLUEBERRY – PLANTATIONS WITHOUT FERTIGATION – FRUITING PLANTATIONS

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3-4 Optimum amount of working solution; 500-1.000 L/ha. Proposed period of use (optimum periods; optional/complementary periods):	
• Bud development	0.5 l/ha
• Inflorescence emergence until beginning of flowering.	0.5 l/ha
• End of flowering / beginning of fruit development.	0.5 l/ha
• After harvest.	0.5 l/ha

STRAWBERRY – PLANTATIONS WITHOUT FERTIGATION – FRUITING PLANTATIONS

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3-5. Optimum amount of working solution: 500-1000l/ha Proposed period of use (optimum periods; optional/complementary periods):	
• After start of growing season: 3rd to 7th leaf unfolded (BBCH 13-17).	0.5 l/ha
• Balloon stage (forming of "hollow ball") (BBCH 58-59).	0.5 l/ha
• Beginning of flowering (BBCH 60-61).	0.5 l/ha
• Beginning of fruit development (BBCH 71-73)	0.5 l/ha
• Immediately after first harvest (BBCH 85).	0.5 l/ha

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FOLIAR APPLICATION

TREES:

APPLE TREE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–6. Optimum amount of working solution: 500–1,000 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Green bud stage (BBCH 55–56)	0.5 l/ha
• Pink bud stage (BBCH 57–59)	0.5 l/ha
• Flowers fading, majority of petals fallen until end of flowering, all petals have fallen (BBCH 67–69)	0.5 l/ha
• Fruit reaches a size of up to 10 mm (BBCH 71)	0.5 l/ha
• Beginning of fruit falling (BBCH 73) fruit diameter reaches up to 50 mm (BBCH 75)	0.5 l/ha

AVOCADO

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3. Optimum amount of working solution; 500-1.000 L/ha. Proposed period of use (optimum periods; optional/complementary periods):	
• Bud development (BBCH 51-53)	0.5 l/ha
• Petals falling until end of flowering (BBCH 67-69)	0.5 l/ha
• Beginning of fruit development (BBCH 71-73)	0.5 l/ha

APRICOT TREE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 4 - 5. Optimum amount of working solution: 500–1,000 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Green bud stage (BBCH 55)	0.5 l/ha
• Pink bud stage (BBCH 57–59)	0.5 l/ha
• Flowers fading, majority of petals fallen until end of flowering (BBCH 67–69)	0.5 l/ha
• Fruit reaches 50–60% of typical size (BBCH 75–76)	0.5 l/ha
• Fruit colouring advanced (BBCH 85)	0.5 l/ha

CITRUS

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 5. Optimum amount of working solution: 500–1,000 l/ha.	
• More than 5 leaves visible, not yet at full size (BBCH 15)	0.5 l/ha
• Shoot about 20% of final length (BBCH 32).	0.5 l/ha
• Flowers visible but still closed (green bud) – until white bud phase (BBCH 55–56).	0.5 l/ha
• Beginning of fruit development – until beginning of natural fruit drop (BBCH 71–73).	0.5 l/ha
• Beginning of fruit colouring – until fruit ripe for picking (BBCH 81–83).	0.5 l/ha

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FOLIAR APPLICATION

TREES:

CHERRY TREE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 4 - 5. Optimum amount of working solution: 500–1,000 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Green bud stage (BBCH 55)	0.5 l/ha
• White bud stage (BBCH 57–59)	0.5 l/ha
• Flowers fading, majority of petals fallen until end of flowering (BBCH 67–69)	0.5 l/ha
• Fruit reaches 60–70% of typical size (BBCH 76–77)	0.5 l/ha
• Beginning of fruit ripening (BBCH 81)	0.5 l/ha

MANGO

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3. Optimum amount of working solution; 500-1.000 L/ha. Proposed period of use (optimum periods; optional/complementary periods):	
• Bud development (BBCH 51-53).	0.5 l/ha
• Petals falling until end of flowering (BBCH 67-69).	0.5 l/ha
• Beginning of fruit development (BBCH 71-73).	0.5 l/ha

GRAPEVINE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 4 - 6. Optimum amount of working solution: 500–1,000 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• 3rd–4th leaves unfolded (BBCH 13–14)	0.5 l/ha
• 6th–8th leaves unfolded (BBCH 16–18)	0.5 l/ha
• Beginning of inflorescences emergence – Until inflorescences swelling (BBCH 53–55)	0.5 l/ha
• Beginning of fruit development (BBCH 71–73)	0.5 l/ha
• Berries pea-sized (BBCH 75)	0.5 l/ha
• Beginning of ripening (BBCH 81)	0.5 l/ha

OLIVE TREE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3-4. Optimum amount of working solution; 500-1.000 L/ha. Proposed period of use (optimum periods; optional/complementary periods):	
• Shoot development (BBCH 31-33).	0.5 l/ha
• Bud development (BBCH 51-53).	0.5 l/ha
• Petals falling until end of flowering (BBCH 67-69). Fruit development (BBCH 71-75).	0.5 l/ha

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FOLIAR APPLICATION

TREES:

PAPAYA

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 3. Optimum amount of working solution; 500-1.000 L/ha.Proposed period of use (optimum periods; optional/complementary periods):	
• Bud development (BBCH 51-53)	0.5 l/ha
• Petals falling until end of flowering (BBCH 67-69).	0.5 l/ha
• Beginning of fruit development (BBCH 71-75).	0.5 l/ha

PEACH TREE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 4 - 5. Optimum amount of working solution: 500–1,000 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Green bud stage (BBCH 55)	0.5 l/ha
• Pink bud stage (BBCH 57–59)	0.5 l/ha
• Flowers fading, majority of petals fallen until end of flowering (BBCH 67–69)	0.5 l/ha
• Fruit reaches 50–60% of typical size (BBCH 75–76) Fruit colouring advanced (BBCH 85)	0.5 l/ha

PEAR TREE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 2–6. Optimum amount of working solution: 500–1,000 l/ha. Proposed periods of use (optimum periods; optional/complementary periods):	
• Green bud stage (BBCH 55–56)	0.5 l/ha
• White bud stage (BBCH 57–59)	0.5 l/ha
• Flowers fading, majority of petals fallen until end of flowering, all petals have fallen (BBCH 67–69)	0.5 l/ha
• Fruit reaches a size of up to 10 mm (BBCH 71)	0.5 l/ha
• Beginning of fruit falling (BBCH 73)	0.5 l/ha
• Fruit diameter reaches up to 50 mm (BBCH 75)	0.5 l/ha

PLUM TREE

APPLICATION TIME	DOSE CC/100L
Number of foliar treatments: 4-5. Optimum amount of working solution; 500-1.000 L/ha.Proposed period of use (optimum periods; optional/complementary periods):	
• Green bud stage (BBCH 55).	0.5 l/ha
• White bud stage (BBCH 57-59).	0.5 l/ha
• Flower fading, majority of petals fallen until end of flowering (BBCH 67-69).	0.5 l/ha
• Fruit reaches 50-60% of typical size (BBCH 75-76).	0.5 l/ha
• Fruit colouring advanced (BBCH 85).	0.5 l/ha

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