

Four Seasons Gold

30-10-10 + TE

Water-soluble fertiliser

Contains 1% IKO Power biostimulant blend (seaweed extracts, amino acid derivatives, glycine-betaine, and an activator derived by coffee by-products).

What is Four Seasons Gold 30-10-10?

COMPOUND SOLID INORGANIC MACRONUTRIENT FERTILISER PFC 1 (C) (I) (a) (ii)

Four Seasons Gold 30-10-10 is a water-soluble, crystalline, complete fertiliser, rich in nitrogen, with moderate levels of phosphorus and potassium, and enriched with chelated micronutrients.



Why choose Four Seasons Gold 30-10-10?

It contains a 1% IKO Power biostimulant blend comprising North Atlantic seaweed extracts, amino acid derivatives, glycine betaine, an activator derived from coffee by-products, and malic acid. The activator is rich in caffeic acid, which increases micronutrient availability and stimulates physiological processes, while malic acid contributes to microbial carbon cycle and promotes root development. These components are carefully balanced to improve nutrient uptake and facilitate the rapid delivery of nutrients to plant tissues. They also enhance plant tolerance to abiotic stress.

- Ensures immediate and sustained nutrient uptake by plants
- Chloride-free, with a low pH and low electrical conductivity (EC)
- Enhances nutrient availability and uptake in alkaline and saline soils
- Promotes healthy and vigorous plant growth
- Promotes leaf and shoot development as well as protein synthesis in fruit
- Supports the development of a strong root system
- Improves water and nutrient uptake
- Enhances flowering and fruiting
- Contributes significantly to the productivity and overall performance of fruiting and ornamental plants



Composition

Total Nitrogen(N) 30% • Nitrate Nitrogen (N-NO₃) 3,2% • Ammonium Nitrogen (N-NH₄) 4,8% • Ureic Nitrogen (N-NH₂) 22,0% • Total Phosphorus Pentoxide (P₂O₅) 10% • Water-soluble Phosphorus Pentoxide (P₂O₅) 10% • Water-soluble Potassium Oxide (K₂O) 10% • Boron (B) 0,015% • Copper (Cu) 0,01%, water-soluble and chelated with EDTA • Iron (Fe) 0,04%, water-soluble and chelated with EDTA • Manganese (Mn) 0,065%, water-soluble and chelated with EDTA • Molybdenum (Mo) 0,002% • Zinc (Zn) 0,07%, water-soluble and chelated with EDTA

Application Method & Doses

Generally applied at the following rates:

Fertigation: 25-50 kg/Ha

Foliar application: 1-3 kg/1000 lt of spray solution

Time of application

Crop	Application Timing	Application Frequency
Tomato, Aubergine, Pepper	From the early growth stages until fruit set, alternating with Four Seasons Gold 20-20-20+TE.	Fertigation
Melon, Watermelon, Zucchini, Cucumber	From the early growth stages until flowering, alternating with Four Seasons Gold 20-20-20+TE. During fruit enlargement.	Foliar application
Leafy vegetables (Lettuce, Spinach, Cabbage, Cauliflower, Broccoli)	At mid-head development, alternating with Four Seasons Gold 20-20-20+TE. In spinach, after sufficient leaf area has developed.	Foliar application Foliar application
Potato	During vegetative growth and throughout tuber bulking, until the tubers reach their final size.	Foliar application
Bulb vegetables (Onion, Garlic)	At the 5-7-leaf stage and during bulb enlargement (after the 8-leaf stage), until the onset of maturation.	
Root vegetables (Carrot, Celeriac and Beetroot)	30-40 days after sowing, upon emergence of the first true leaves.	
Legumes (Beans and Peas)	During lateral shoot development.	
Strawberry	During fruit enlargement, alternating with Four Seasons Gold 5-15-42.	
Corn	At the 5-6-leaf stage	
Cereals	During tillering	Foliar application, up to two applications
Stone fruit trees (Peach, Apricot and Plum)	After the emergence of the first leaves. After fruit set.	Foliar application, repeat at 15-day intervals Fertigation
Pome fruit trees (Apple and Pear)	After petal fall and during fruitlet formation.	Foliar application
Grapevine	Apply at bud break, 10 days before flowering, 15 days after flowering and before veraison. For table grapes, it can be combined with gibberellic acid to enhance uptake.	
Olive tress	At the onset of new vegetative growth, during inflorescence emergence, at fruit set and during initial fruitlet enlargement.	
Citrus trees	At the onset of new vegetative growth and throughout the fertilisation programme.	
Ornamental plants and turfgrass	Apply every 15-20 days or with each irrigation.	