

Four Seasons Gold

5-15-42 + 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 5-15-42?

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

Four Seasons Gold 5-15-42 is a water soluble, crystalline, complete fertiliser, which contains high potassium content, enriched with chelated micronutrients. Ideal for the later stages of crop development, when potassium requirements are high and nitrogen levels are low.



Why choose Four Seasons Gold 5-15-42?

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.

- Promotes carbohydrate translocation from leaves to fruit
- Promotes vigorous plant growth
- Promotes fruit enlargement and increases crop yield
- Enhances organoleptic properties of fruits, sugar content and colour for a high-quality harvest
- Ensures balanced growth under low-light conditions
- Develops resilient crops by improving plant tolerance to adverse environmental conditions
- Ensures high-quality cotton fibre

Composition

Total Nitrogen (N) 5% • Nitrate Nitrogen (N-NO₃) 5% • Phosphorus Pentoxide (P₂O₅) 15% • Water-soluble Phosphorus Pentoxide (P₂O₅) 15% • Water-soluble Potassium Oxide (K₂O) 42% • Boron (B) 0,015% • Copper (Cu) 0,01%, water-soluble and chelated with EDTA • Ολικός 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 • Chloride-free

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 fruit set through fruit development and ripening to harvest	2-4 applications, every 7-10 days
Melon, Watermelon, Zucchini, Cucumber	From fruit set through fruit development up to 10 days before ripening	Every 7-10 days
Leafy Vegetables (Cabbage, Broccoli, Lettuce, Spinach, Cauliflower)	From the onset of edible-part development until 15 days before harvest, promoting bright, glossy foliage	2-3 applications, every 10 days
Potato	From tuber bulking until harvest	2-4 applications
Bulb vegetables (Onion, Garlic)	From bulbing until the onset of maturity	2 applications
Root vegetables (Carrot, Celery, Beetroot)	At the 4-6 true-leaf stage and repeat following inter-row canopy closure, during the root elongation and thickening phase	2 applications
Legumes (Beans, Peas)	From the onset of pod development, throughout pod filling and during seed maturation, up to harvest	
Strawberry	At the pre-flowering stage and throughout fruit development, with the final application 10-14 days before the first harvest	Repeat every 7-10 days
Corn	At the 6-8-leaf stage, during stem elongation and at tassel emergence	2-3 applications
Cereals	From tillering through stem elongation, up to flag-leaf and ear emergence	
Rapeseed	During main-stem and lateral-shoot elongation, and from petal fall to the onset of silique and seed development	
Cotton	From the end of flowering through boll filling and maturation	Every 7-10 days
Grapevine	From veraison through berry ripening, beginning 4-6 weeks before harvest	2-4 applications
Stone fruit trees (Peach, Apricot, Plum) Pome fruits (Apple, Pear)	Begin applications 1-2 months before harvest	3-5 applications every 15-20 days
Citrus trees	Throughout fruit development until ripening	2-3 applications
Olive tree	From the onset of oil accumulation through fruit ripening	