

Four Seasons Gold

13-40-13 + 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 13-40-13?

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

Four Seasons Gold 13-40-13 is a water soluble, crystalline, complete fertiliser, which contains high phosphorus content, enriched with chelated micronutrients. Ideal for use during the early stages of plant growth as a starter fertiliser.



Why choose Four Seasons Gold 13-40-13?

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.

- Provides fully water-soluble phosphorus that is readily available for plant uptake

- Ideally suited for the early stages of plant growth, acting as a starter fertiliser to promote rapid and uniform crop establishment
- Promotes the development of a strong root system
- Suitable for alkaline soils
- Promotes flowering, ensures early and uniform blooming, and prevents flower abscission
- Ensures vigorous crop establishment
- Helps achieve high crop yields

Composition

Total Nitrogen (N) 13% • Nitrate Nitrogen (N-NO₃) 3,6% • Ammonium Nitrogen (N-NH₄) 7,9% • Ureic Nitrogen (N-NH₂) 1,8% • Total Phosphorus Pentoxide (P₂O₅) 40% • Water-soluble Phosphorus Pentoxide (P₂O₅) 40% • Water-soluble Potassium Oxide (K₂O) 13% • 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	During transplanting and at the emergence of each new inflorescence	
Melon, Watermelon, Zucchini, Cucumber	During the early stages of leaf and shoot development. At bud burst, fruit set, and fruit swelling.	3 applications
Leafy Vegetables (Lettuce, Spinach)	2 weeks post-transplanting	
Cauliflower, Broccoli, Cabbage	At transplanting and during vegetative growth	2 applications
Potato	During the early stages of vegetative growth and at tuber initiation	
Bulb vegetables (Onion, Garlic)	During the early stages of leaf development	1 application
Root vegetables (Carrot, Celery, Beetroot)	During the early stages of leaf development	2 applications
Legumes (Beans, Peas)	During leaf and shoot development and at the onset of flowering	2 applications
Strawberry	During rosette formation, leaf development, and pre-flowering	2-3 applications
Corn	At the 3-4 leaf stage	
Stone fruit trees (Peach, Apricot, Plum)	From the pink bud stage to the onset of fruit development	2-3 applications every 10-15 days
Pome fruits (Apple, Pear)	From the green tip stage to the onset of fruit development	2-3 applications every 10-15 days
Citrus trees, Olive trees, Nut trees, Grapevine	During flowering and fruit set	
Plant Nurseries	Young, vigorously growing seedlings or saplings	