

Four Seasons Gold

20-20-20 + 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 20-20-20?

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

Four Seasons Gold 20-20-20 is a water soluble, crystalline, complete fertiliser, rich in primary nutrients (N-P-K) and enriched with chelated micronutrients. "It is the most widely used fertiliser grade and serves as a multipurpose crop nutrition product.



Why choose Four Seasons Gold 20-20-20?

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.

- **Rich in primary macronutrients (N-P-K)** and enriched with a blend of chelated micronutrients that are readily available for plant uptake.

- Ensures immediate and sustained nutrient uptake by plants.
- **Chloride-free**, with a low biuret content and a low pH.
- Suitable for all crops across various growth stages.
- Promotes root and shoot development and the formation of well-developed floral buds and high-quality fruit.
- Provides balanced plant nutrition.
- Promotes healthy and vigorous plant growth.
- Delivers high yields and high-quality crops.

Composition

Total Nitrogen (N) 20% • Nitrate Nitrogen (N-NO₃) 5,8% • Ammonium Nitrogen (N-NH₄) 3,9% • Ureic Nitrogen (N-NH₂) 10,3% • Total Phosphorus Pentoxide (P₂O₅) 20% • Water-soluble Phosphorus Pentoxide (P₂O₅) 20% • Water-soluble Potassium Oxide (K₂O) 20% • 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, Melon, Watermelon, Zucchini, Cucumber	When the plants are 3-4 weeks old	Every 7-10 days
Leafy vegetables (endive, chicory, lettuce, spinach, cabbage, cauliflower and broccoli)	20 days after transplanting	Every 10 days
Artichoke	From the 5-6-leaf stage until the onset of flower head formation	2-3 applications
Potato	At the young plant stage and during tuber formation	Every 10-15 days
Strawberry	From vegetative growth through fruit set and fruit enlargement	
Cotton	During flowering	1-5 applications
Corn		1-5 applications
Wheat, barley, rye, oats and rice	During tillering and stem elongation	
Pome and stone fruit trees, olive trees and nut trees (almond, pistachio and walnut)	From the end of flowering until the fruit-filling stage	
Citrus trees	At the onset of vegetative growth in spring and after harvest	
Grapevine	During vegetative growth and the early stages of berry development	
Kiwifruit	From the onset of vegetative growth through flowering, fruit set and fruit development	
Tobacco	At the young plant stage and at transplanting	
Turfgrass	Begin applications in March	Every month
Ornamental plants	3 g/L water	Every 15 days