



# Four Seasons

## Water soluble Fertilizer

Contains  
an activator  
consisting of 3  
types of algae!

5-15-40+1MgO+TE

### What is Four Seasons 5-15-40 + 1MgO?

Compound solid inorganic macronutrient fertilizer CE PFC1C(I)(a)(ii)

The formula 5-15-40+1MgO of "Four Seasons" brand is a crystalline, water soluble fertilizer, rich in Potassium, enriched with Magnesium and micronutrients in Chelated compound formulation. It is ideal for applications in the late stages of the crops where the nutritional needs in Potassium are high. It contains an activator consisting of algae extracts, amino acids, carbohydrates, antioxidants and growth biostimulants.

### Composition

Total Nitrogen (N): 5% • Nitric Nitrogen (N-NO<sub>3</sub>): 4,1% • Ammoniac Nitrogen (N-NH<sub>4</sub>): 0,9% • Phosphorous Pentoxide (P<sub>2</sub>O<sub>5</sub>) Total: 15% • Phosphorous Pentoxide (P<sub>2</sub>O<sub>5</sub>) water soluble: 15% • Potassium Oxide (K<sub>2</sub>O): 40% • Magnesium Oxide (MgO): 1% • Boron (B): 0,011% • Copper (Cu): 0,011% • Iron (Fe): 0,023% • Manganese (Mn): 0,011% • Molybdenum (Mo): 0,011% • Zinc (Zn): 0,011% • pH 2,5



### Why choose Four Seasons 5-15-40 + 1MgO + TE?

**It accelerates** the healthy and robust growth of the plants.

**It favors** the transportation of carbohydrates from the leaves to fruits.

**It contributes** to the growth of fruits and to high yield of crops.

**It improves** the organoleptic characteristics of the fruits, the levels of sugars and the color of fruits securing a quality production.

**It secures** balanced growth under low sunlight conditions preventing the formation of weak and elongated stems with small leaves.

**It provides** resistance against adverse growth conditions.

**It improves** the acidity in the root sphere.

**It secures** the qualitative characteristics of fibers in cotton.

# General Dose Rates and Applications

**Fertigation:** 25-50 kg/ha

**Foliar Application:** 1-3 kg/1000 lt water



## Applications

CROP	TIME OF APPLICATION	REPEAT OF APPLICATIONS
Tomato, Eggplant, Pepper	From fruit setting till the growth of fruits and till harvest	2-4 applications every 7-10 days
Melon, Watermelon, Squash, Cucumber	From fruit setting till the growth of fruit until 10 days before ripening	Every 7-10 days
Leafy vegetables (Endive, Chicore, Lettuce, Cabbage, Cauliflower, Broccoli)	From the development of edible part till 15 days before harvest	2-3 applications every 10 days
Potato	From the growth of tubers till harvest	2-4 applications
Onion, Garlic	From the stage of growth till the ripening	2 applications
Carrot, Celery, Beetroot	At the stage of 4-6 leaves and after the thickening of roots	2 applications
Beans and peas	From the stage of lobe formation till ripening and harvest	
Strawberry	Before flowering and during the growth of fruit till 14 days before harvest	Repeat every 7-10 days
Corn	At the stage of 6-8 leaves	2-3 applications
Grains	At tillering and during culm elongation	
Rapeseed	During prolongation of side shoots, from petals fall till the formation of seeds	
Cotton	After flowering till the growth of cotton heads	Every 7-10 days
Vineyards	From the stage of grapes ripening till 4-6 weeks before harvest	2-4 applications
Peach trees, Apricot trees, Plum trees, Apple trees, Pear trees	Applications start 1-2 months before harvest	3-5 applications every 15-20 days
Citrus trees	During the development of fruits till ripening	2-3 applications
Olive trees	Applications till ripening of fruits	



## Giving back to Mother Nature

Ikorganic produces organic growth, nutrition and plant protection products. Our philosophy is based on the Circular Economy Model and the Zero Waste Food Strategy, as in our modern facilities we turn animal & plant by-products and herbs of the Greek land into organic fertilizers and new types of organo mineral fertilizers. Further to that, Ikorganic is also active in the field of Research for the production of biological pesticides, totally devoted to ensuring the environmental and human safety.

