



Four Seasons

Water soluble Fertilizer

Contains
an activator
consisting of 3
types of algae!

12-40-12+1MgO+TE

What is Four Seasons 12-40-12 + 1MgO + TE?

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

The formula 12-40-12 of "Four Seasons" brand is a crystalline, water soluble fertilizer, rich in Phosphorus, enriched with Magnesium and micronutrients in Chelated compound formulation. It is ideal for applications in the early stages of the crops. It contains an activator consisting of algae extracts, amino acids, carbohydrates, antioxidants and growth biostimulants.

Composition

Total Nitrogen (N): 12% • Nitric Nitrogen (N-NO₃): 2,1% • Ammoniac Nitrogen (N-NH₄): 8,2% • Ureic Nitrogen (N-NH₂): 1,7% • Phosphorous Pentoxide (P₂O₅) Total: 40% • Phosphorous Pentoxide (P₂O₅) water soluble: 40% • Potassium Oxide (K₂O): 12% • 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 4,4



Why choose Four Seasons 12-40-12 + 1MgO + TE?

It contains full assimilable water soluble Phosphorus.

It is ideal for the early stages of vegetative growth and it acts as a "starter" of the crops.

It contributes to the development of a strong rooting system.

It promotes the flowering, securing the uniformity of flowering, it prevents flower fall.

It is suitable for soils of high pH.

It secures a strong initiation of the crop.

It achieves high yields.

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	During transplantation	
Melon, Watermelon, Squash, Cucumber	At the early stages of leaf development	3 applications
Leafy vegetables (Endive, Chicore, Lettuce)	Two weeks after transplantation	
Cabbage, Cauliflower, Broccoli	During transplantation and during vegetal growth	2 applications
Potato	At the early stages of vegetal growth and during the formation of tubers	
Onion, Garlic	At the early stages of leaves development	1 application
Carrot, Celery, Beetroot	At the early stages of leaves development	2 applications
Beans and peas	From the stage leaves development and shoots and at the flowering	2 applications
Strawberry	At the stage of leaves development and before flowering	2-3 applications
Corn	At the stage of 3-4 leaves	
Peach trees, Apricot trees, Plum trees	From the stage of red tip till the beginning of fruits growth	2-3 applications every 15-20 days
Apple trees, Pear trees	From the stage of green tip till the beginning of fruits growth	2-3 applications every 15-20 days
Citrus trees, Olive trees, Vineyards	During flowering and fruit setting	
Nurseries	Applications at young plants	



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.

