

Padena Phospho Zinc

Padena Liquid nitrogen, phosphorus, and zinc

Padena Phospho Zinc liquid fertilizer is an ideal nutrient blend designed to supply nitrogen, phosphorus, and zinc—three essential elements required by all field and orchard crops throughout the entire growing season, especially during the early stages of growth. It promotes vigorous vegetative development, enhances root system expansion, and supports the reproductive and flowering phases.

A unique advantage of this product is its ability to supply phosphorus and zinc imultaneously, despite the natural antagonism between these two nutrients, which often limits their combined uptake in other fertilizers.

Its acidic pH improves the availability and uptake efficiency of phosphorus and zinc from the soil, neutralizes the negative effects of calcium carbonate, and also reduces the carbonate and bicarbonate levels in irrigation water. This makes it suitable for use in pressurized irrigation systems, where it prevents clogging of drip emitters. Moreover, the combination of all three nutrients enhances foliar absorption when applied as a spray.

Key Benefits:

- Simultaneous supply of phosphorus, nitrogen, and zinc
- Promotes strong root growth
- Boosts flowering and strengthens the reproductive phase
- Compatible with fertigation systems
- Neutralizes soil and water pH, improving micronutrient uptake

Composition (W/V) %

P ₂ O ₅	30
Nt	5
Zn	2

Application Rate

Crop	How to use	Dosage	Time
Field Crops	Foliar Application	2 – 3 Liters per hectare	4 – 6 leaf stage and repeat one month later
Field Crops	Fertigation	5 - 10 Liters per hectare	4 – 6 leaf stage and repeat one month later
Fruit trees	Foliar Application	2 – 3 Liters per 1000 liters water	Before flowering and after fruit set
Fruit trees	Fertigation	10 – 20 Liters per hectare	The beginning of the growing season
Vegetables	Foliar Application	1 – 2 Liters per 1000 liters water	After each harvesting stages
vegetables	Fertigation	5 – 10 Liters per 1000 liters water	After each harvesting stages
Greenhouse products	Foliar Application	1 – 2 Liters per 1000 liters water	4 – 6 leaf stage and repeat one month later
Greenhouse products	Fertigation	2 – 3 liters per 1000 square meters	4 – 6 leaf stage and repeat one month later