

0-23-42N - P₂O₅ - K₂O**POWERPK****42**

High Concentration Phosphorus and Potassium Liquid for Injection, Fertigation and Foliar Application

PowerPK42 RATE FOR FOLIAR APPLICATION

PowerPK42 (L/ha)	1L	5L
P ₂ O ₅ (kg)	0.23	1.15
K ₂ O (kg)	0.42	2.10

PowerPK42 as a foliar application can only be used on broadacre crops. It should not be applied as a foliar spray to fruit trees and vegetables.

PowerPK42 as a foliar application on broadacre crops should be used with an equal volume of Ultra Foliar or Crop Specific Foliar to avoid leaf burn. Non-ionic wetter at 1L/1000L should be added to the tank mix.

Optimum Water Rate (L/L of PowerPK42)

Optimum dilution range for foliar application is 50X to 100X per litre of **PowerPK42**.

Follow steps 1 to 6 to achieve best result from Foliar Spray

1. Stir fertiliser solution to achieve uniformity.
2. If other chemicals in tank mix contain no wetter, adding wetter is essential.
3. Wetter should be used as per label of manufacturer (usually 1L/1000L tank mix).
4. In wintery conditions and moist leaves, use low spray volume.
5. In dry conditions, use high spray volume for complete canopy cover.
6. Apply foliar as per recommended application rate and timing.

Mix With Nitrogen

PowerPK42 can be mixed with UAN in the following order and ratio:

FIRST:	Water	10 parts
SECOND:	UAN	15 parts
THIRD:	PowerPK42	5 parts
FOURTH:	Ultra Foliar	5 parts

PowerPK42

PowerPK42 is a highly concentrated potassium and phosphorus product with a near neutral pH and free of chloride and sulphate. The product is manufactured to supply phosphorus and potassium as foliar or through the soil as in injection and fertigation.

As potassium and phosphorus are highly beneficial for flower induction and fruit growth, **PowerPK42** has the most impact on productivity and return when used during reproductive phase of crop growth.

PowerPK42 can be easily mixed with UAN and urea for foliar spraying, its high citric acid content makes it highly suitable for foliar tank mixes. Citric acid as foliar and more so through the soil can release/recover soil-bound phosphorus and trace elements for crop use.

PowerPK42 RATE FOR FERTIGATION

Water Rate (L/ha)	10,000	50,000
PowerPK42 (L/ha)	2 to 5	10 to 25

PowerPK42 can be used at 2 to 5 L / 10,000 L (1mm of irrigation) per ha; (e.g. 10 to 25 L /ha for 5mm of irrigation).

Benefits

- ✓ **Concentrated liquid form of potassium and phosphate**
- ✓ **Potassium source free of chloride**
- ✓ **Potassium source free of sulphate**
- ✓ **Continuous use does not add to soil salinity**
- ✓ **Continuous use does not add to soil water stress**
- ✓ **Citric acid component feeds soil bacteria**
- ✓ **Citric acid component unlocks phosphorus and trace elements in alkaline soil**
- ✓ **Crop benefits from chelating properties of Citric acid**

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