

PK 40-40

COMPOSITION

Guaranteed Nutrient Content (% w/w):

Water-soluble Phosphorus Pentoxide (P ₂ O ₅)	40%
Water-soluble Potassium Oxide (K ₂ O)	40%
Chelating agent	14%
Micronutrients (TE)	6%

DESCRIPTION

PK 40-40 is a high-concentration fertilizer rich in phosphorus and potassium, with added chelated micronutrients to enhance their stability and facilitate better assimilation of these essential nutrients.

Proper supply of other plant nutrients tends to increase the absorption of soil phosphorus. Thanks to the synergy between phosphorus and potassium, both the absorption and assimilation of these elements are improved.

Additionally, proper fertilization with a phosphorus- and potassium-rich fertilizer, combined with good crop management, allows for rapid replenishment of phosphorus levels in the soil—maintaining optimal levels for harvesting.

Potassium is essential for regulating both water uptake and photosynthesis, the process by which plants utilize solar energy.

Potassium promotes flowering, fruiting, and overall resistance. Deficiency is more common in light, sandy, or calcareous soils where potassium leaches out easily.

To address these issues, a fertilizer like PK 40-40 can be a key solution.

CHARACTERISTICS

- Increases fruit setting, fruit sizing, and overall crop yield.
- Protects the plant in cold or dry climates, strengthening the root system and preventing wilting.
- Enhances the plant's ability to store and use energy (e.g., during photosynthesis).
- High phosphorus and potassium content ensures healthy cell division, fruiting, and root growth.
- Supports sugar and starch transport in the plant and increases protein content.

DOSE AND APPLICATION

Foliar Application

Crop	Dose	Application Timing
Avocado	200-300 cc/hl	2-3 applications from the beginning of flowering
Citrus & Other Fruit Trees	200-300 cc/hl	2-3 applications during flowering, fruit set and development
Vegetables	250-350 cc/hl	3-4 applications during periods of high P and K demand
Ornamentals	250-300 cc/hl	2-3 applications during periods of high nutrient demand

Soil/Irrigation Application

Crop	Dose	Application Timing
Avocado	6-10 L/ha	Starting in February as needed

INSTRUCTIONS FOR USE

Compatible with most fertilizers and crop protection products.

Do not mix with mineral oils or acidic-reacting products.

Shake well before use.

PRESENTATION

