

SIDE-BY-SIDE COMPARISON TABLE EMPAKTOR AND COVENTIONAL FERTILIZER

Aspect	EMPAKTOR Organic Fertilizer	Conventional Fertilizer
Nutrient Release	Gradual, sustained	Immediate, fast-acting
Soil Health	Improves structure & OM	May degrade over time
Water Efficiency	Improves retention	No improvement
Stress Resistance	Amino acids aid resilience	No direct aid
Environmental Impact	Low runoff risk, sustainable	High runoff risk
Ease of Application	Drone/knapsack compatible	Requires spreading/broadcast
Cost	Cheaper per unit and long-term ROI	Higher per unit, possible hidden costs
Yield Impact	Sustainable yield improvement	Quick gains, may reduce over time

Summary:

EMPAKTOR is ideal for farmers seeking sustainable, long-term soil health while increasing yields.

Conventional fertilizers provide rapid growth but require careful management to avoid long-term soil fertility issues.