



Boost Your Yields With NutriVant



## The NutriVant Product Line

All NutriVant products offer a coated combination of FertiVant (FV) - the prolonged delivery system - with advanced nutritional-formula mixes (macro-and-microelements) in one uniform product.

### **Olive NutriVant for Pre-Bloom Stage (10-33-21+1.8B+FV)**

Element content:  $N(NH_2)$ -10%;  $P_2O_5$ -33%;  $K_2O$ -21%; B-1.8%  
For spring application.

### **Olive NutriVant for Fruit Development Stage (8-16-40+FV)**

Element content:  $N(NO_3)$ -8%;  $P_2O_5$ -16%;  $K_2O$ -40%  
For summer application.

### **Other NutriVant Products**

#### **Starter NutriVant for Early Development Stage (11-36-24+TE+FV)**

Element content:  $N(NH_2)$ -11%;  $P_2O_5$ -36%;  $K_2O$ -24% plus Trace Elements  
For citrus, vegetable, and field crops.

#### **Booster NutriVant for Fruit Development Stage (8-16-39+TE+FV)**

Element content:  $N(NO_3)$ -8%;  $P_2O_5$ -16%;  $K_2O$ -39% plus Trace Elements  
For citrus, vegetables, and fields crops.

#### **MKP NutriVant (0-49-32+FV)**

Element Content: N-0%;  $P_2O_5$ -49%;  $K_2O$ -32%  
For olives, citrus, vegetables, and field crops.

*Additional NutriVant products combining FertiVant with a variety of nutrients, hormones, bio-stimulants, and pesticides are now being developed and tested.*



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# See the Difference with NutriVant



A Breakthrough in Foliar Nutrition

## The NutriVant Advantage in Foliar Application

The efficiency of agrochemicals applied as foliar spray is greatly reduced by the olive leaf's natural 'skin', a tough cuticle membrane that blocks the penetration of nutritional elements, pesticides, bio-stimulants and hormones.

**NutriVant's new range of products contains FertiVant, an environmentally friendly, built-in adjuvant that breaks through this barrier. The result is a dramatic increase in yield, quality, and profits. FertiVant was developed by scientists at Israel's Ben Gurion University.**

## The FertiVant Triple Action Formula

FertiVant's advanced and prolonged delivery system, especially developed for foliar application, works in three ways.

- Speeds up permeability of the cuticle to active substances
- Evenly spreads the drops of spray on the foliage surface
- Firmly attaches the active ingredients to the leaf surface and delays evaporation

**FertiVant + nutrient mix = NutriVant**



## Proven Effective Worldwide

Five years of intensive laboratory research and field-testing have demonstrated that NutriVant is superior to other such products on the market today. For olive growers, NutriVant offers a number of outstanding, proven benefits.

- An increase in fruit and oil yield of as much as 100 per cent
- Improved crop quality
- Higher and faster penetration of nutritional NPK elements of ionic (MKP and KNO<sub>3</sub>), non-ionic (Urea) fertilizers, and microelements
- Calls for reduced spray volume, which lowers the nutrient cost per hectare
- The accelerated nutrient penetration lasts for as long as 4 weeks

## How To Apply NutriVant

### To Spray

- Put the recommended amount of NutriVant powder in the sprayer tank basket.
- Fill the tank, letting the water pass through the basket until the powder is completely dissolved. Continue agitating to achieve an even suspension.
- Spray successively, if required, at 14-day intervals.
- Pre-bloom applications are best applied to closed flowers buds in a single spraying, 2-4 weeks before bloom.

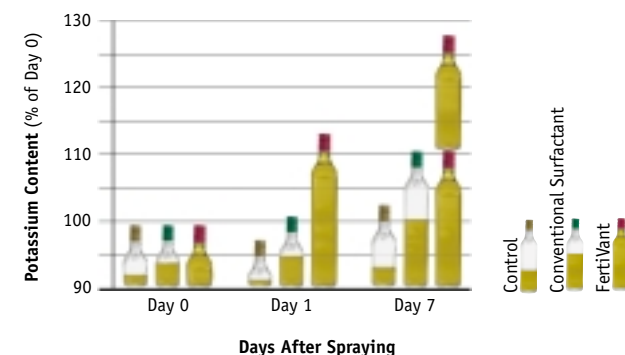
### For best results

- Spray in the early morning or late afternoon.
- Avoid spraying plants that are under stress.
- Use spray at medium volume as instructed on the product label. Try to avoid run-off.
- NutriVant is generally compatible with pesticides and fertilizers. Determine the compatibility with a jar test before mixing the product.

### Easy to Use

- NutriVant comes in a powdered form, packaged in 15 or 20 kg bags.
- The powder is fully soluble, creating a suspension on dissolving.

## Effect of FertiVant on Potassium Content in Olive Leaves



## Effect of FertiVant on Fruit and Oil Yields

OLIVE VARIETY	APPLICATION SEASON	YIELD (MT/Hectare)		OIL (MT/Hectare)	
		CONTROL	+FV	CONTROL	+FV
Pical	Spring	21.17 (100%)	23.52 (111%)	3.07 (100%)	3.99 (129%)
Coratina	Spring	9.73 (100%)	14.70 (151%)	1.29 (100%)	2.43 (188%)
Barnea	Spring	24.80 (100%)	29.32 (118%)	3.87 (100%)	5.44 (140%)
Barnea	Spring	6.07 (100%)	13.14 (216%)	1.00 (100%)	2.03 (203%)
Leccino	Summer	4.96 (100%)	8.57 (172%)	-	-
Frantoio	Summer	2.72 (100%)	3.08 (113%)	-	-

## Effect of FertiVant on Phosphorus Levels in Olive Leaves

