



# RICE 3



## BIOSTIMULANT

**RICE 3** is a new natural organic crop's food. **RICE 3** activates the biochemical functions in the plant, improving the metabolic process. It contains a naturally balanced mixture of **Amino Acids** available for proteins synthesis without energy uptake, saving biological energy. Furthermore **RICE 3** contains natural bio promoters **N-Acetyl Thiazolidine-4 Carboxylic Acid (ATCA)** which through a slow enzymatic breakdown leads to the formation of proline which has a fundamental role to prevent the negative effects due to environmental stress (*excessive heat, drought, poor fertilization, excessive rain fall etc.*) and Cysteine, whose anti-oxidant activity stimulate the regeneration of the enzymes, the catalytic agents for the proteins synthesis, lowering the cells senescence, and a mix of micronutrients: **Boron** favors pollen germination, fruit set and the growing of tissues. **Iron** and **Manganese** plays a fundamental role in chlorophyll synthesis and also in catalytic reactions. **Zinc** promotes the production of auxins, favors fruit enlargement, the transport of phosphates, formation of seeds and their ripening.

### EFFECTS

- Improves photosynthesis, respiration, synthesis of carbohydrates, nucleic acids, lipids, etc
- Promote seed germination, blooming, seed enlargement
- Faster and improved development of the root's system
- Accelerated plant's growth
- Better stress resistance

### COMPOSITION

%w/w

Total aminoacids	17,0
N-Acetyl Thiazolidine-45 Carboxilic	1,00
Iron (Fe) chelated EDTA	0,18
Manganese (Mn) chelated EDTA	0,40
Copper (Cu) chelated EDTA	0,18
Zinc (Zn) chelated EDTA	0,85
Boron (B)	0,08

Density at 20 °C	1,20 g/ml
pH (1% water solution)	7,0 ± 0,5



SYSTEMIC

### APPLICATION AND DOSAGE

CROPS	Foliar spray ml/ha per application	Nº applications	APPLICATION & INTERVAL
Rice Seeds	-	-	Before sowing leave the seeds 24 hour in solution with 2 cc for 1 Lt water
Dry Rice	600-800	2	First application 45 days after sowing Repeat 70 days after sowing
Flooded Rice	500-700	2	At germination stage Repeat 10 days before tillering stage

For each application spray RICE 3 uniformly on the leaves using at least 400 liters of water per hectare.

**RICE 3** is compatible with most products used in agriculture unless strongly alkaline. **RICE 3** must be applied in the cooler daytime period.

### Packing



NON TOXIC

