

## **15.15.15 + Zn (Super Compound)**

### **Zinc-Containing Compound Fertilizer**

The deficiency of zinc, an important mineral nutrient, existing in great parts of soils of Turkey causes negative effects on human health and particularly on child development. Therefore, as a pioneer on the world, Toros Agri produced Super 15.15.15 + Zn compound fertilizer.

Zinc-containing compound fertilizer is used in order to eliminate the frequently observed zinc deficiency problems in all of fruit trees in particular citrus trees, vegetables, and in certain field crops such as corn, potato, and beet. As a mineral nutrient, zinc must be applied to soil in advance of the fast plant development stage. Ensuring the well development of plant root system, zinc affects the yield and quality increases positively.

The use of zinc-containing compound fertilizer must be decided according to the results of soil analysis and the application rate per decare or tree must be established after consulting with a specialist.

### **Properties**

15.15.15 compound fertilizer is a fertilizer with three main plant nutrients that is most widely used in base dressing in Turkey and in the rest of the world for field agriculture, vegetable growing, vineyards, and olive and fruit trees. Since there are nitrogen, phosphorus, and potassium in its composition, it helps in balancing the yield strength of soils with low fertility. In 15.15.15 + Zn fertilizer, zinc is added to these three nutrients.

### **Agricultural Use**

It is widely used for plants that need higher amount of potassium and/or grown in the soils with low potassium. It is a preferred fertilizer in cultivation of field crops such as corn, sunflower seeds, sugar beet, and potato and fruits and vegetables. When its granules dissolve in water, nitrogen, phosphorus, and potassium in its composition come into contact with fine roots and improves quality and yield as a result of balanced absorption by the plant.

### **Application**

For annual plants, it is applied shortly before or during seeding. The fruit trees must be fertilized with it at the end of winter and shortly before budding. If it is broadcasted when used as a base dresser during sowing, to ensure its optimum contact it must be incorporated with soil. Fertilization depth can vary between 15 and 20 cm depending on the soil properties and fine root depth of the plant.