



# F.T.E

**Fritted Trace Elements**

type B

Boron is a nutrient that involves in plant root, shoot growth, cell division and pollination as a component of cell wall. Boron deficiency causes various growth inhibition of crops.

Component	%
Boron ( $B_2O_3$ )	15.0
Magnesium(MgO)	15.0

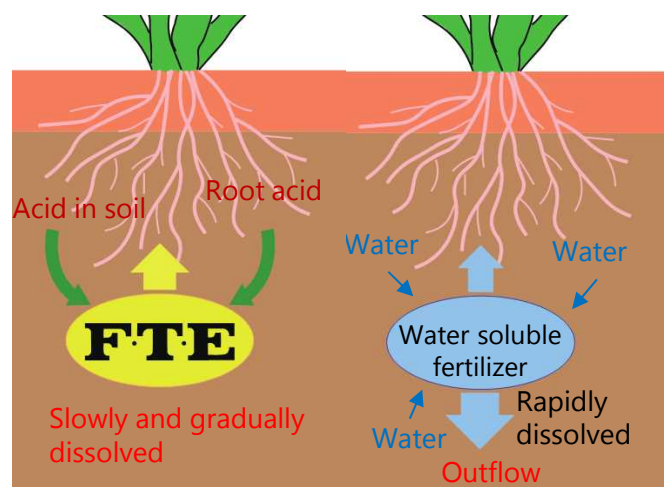
F.T.E type B is a slow-release fertilizer containing mainly boron and magnesium. Please use according to the status of the field and the cultivated crop.

## Absorption image

**The main component of F.T.E is glass, so it is dissolved slowly and gradually by the acid in soil and releases nutrients.**

### <Product characteristic>

- F.T.E effects continue throughout the cultivation season (up to 1 year).**
- Very limited amount of nutrients flow into underground (less outflow).**
- There is little risk of excess nutrients damage.**



# F.T.E type B

## Product details

### ◆How to use

Please spread F.T.E evenly on the field and mix with the soil at the start of cultivation. The application use is very small, so we recommend a mixing use of this product and major element fertilizer. The effect continues for 1 year, so please use it once a year.

Crops	Application use (per year)
Vegetable Grain	20-30 kg/ha
Fruit	30-40 kg/ha
Flower	20-30 kg/ha

◆Packing 20 kg bag

\*Half amount if used for facility farming

◆Form Powder, Grain, and Small grain.  
(\*Particle size : Grain 2-4mm, Small grain 1-3 mm)

### ◆Storage

F.T.E can be stored for a long time with no contact to moisture and direct water.

### Lab test result

#### <Difference in solubility>

We compared the dissolved boron pattern of FTE and Borax(water soluble fertilizer) in barley field. We applied FTE or Borax to two Barley fields at the start of cultivation. We measured the soluble boron content of soil four times for each depths during growth of the barley plants.

**FTE dissolution pattern peaks after about 3 months. In the case of Borax, the amount of dissolved boron was highest just after application, after which it decreased, showing clear downward movement in the soil. Furthermore, in Borax case, a negative effect of excess damage was observed**

