



# SUL4R-PLUS® Product Advantages: Nutrients and their Roles, Plant Benefits

## Flower Development

**CALCIUM:** Pollen tube development  
**BORON:** Germination of pollen grains

## Fruit Development

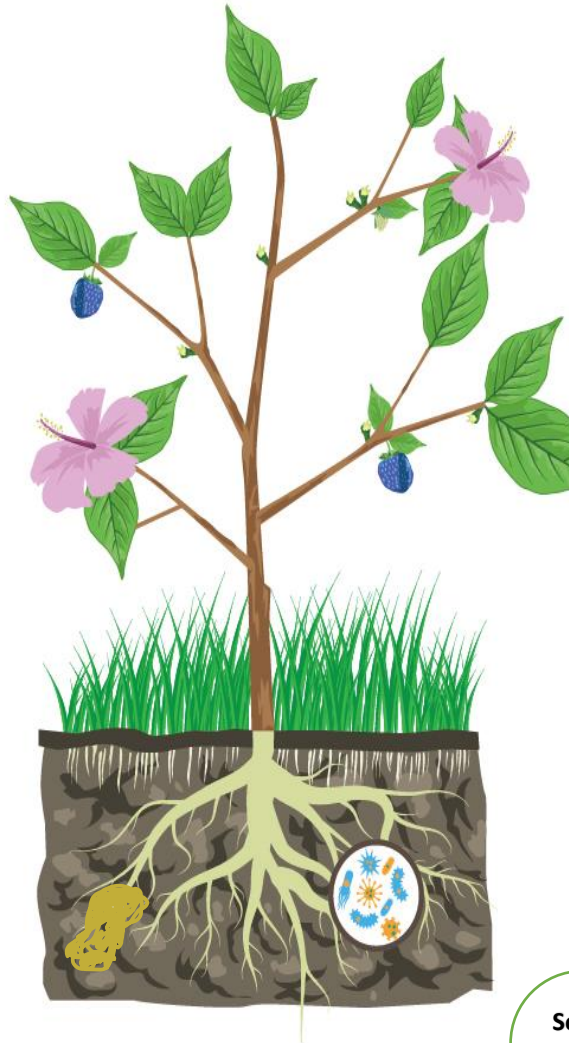
**ZINC:** Carbohydrates formation  
**CALCIUM:** Affects quality; Reduces BER  
**BORON:** Promotes calcium mobility

## Stem Development

**CALCIUM:** Cell wall thickness and Nitrogen metabolism  
**BORON:** Cell wall strength  
**SULFUR:** Protein synthesis  
**ZINC:** Protein synthesis, enzyme production and growth regulation

## Tuber Development

**ZINC:** Increase in Protein and Starch  
**BORON:** Calcium mobility  
**CALCIUM:** Cell division  
**SULFUR:** Promotes nodule formation development



## Seed Development

**BORON:** Seed setting  
**ZINC:** Seed formation  
**SULFUR:** Seed production

## Leaf Development

**SULFUR:** Chlorophyll formation; Resistance to cold  
**BORON:** New leaf formation  
**ZINC:** Active in manufacturing of sugars  
**CALCIUM:** New leaf formation

## Root Development

**BORON:** Improves Ca, Mg and K uptake  
**CALCIUM:** New root development  
**SULFUR:** Defense system

## Soil Development

**CALCIUM:** Water drainage, and CEC; Promotes nutrient uptake  
**SULFUR:** AEC, Nitrogen efficiency  
**BORON:** Enhances Ca, Mg and K uptake  
**ORGANIC ACID:** Increase localized CEC and AEC; Complexing agent

## Microbial Development

**ZINC:** Manufacturing of Sugars for exudates to feed microbes  
**BORON:** Regulates Carbohydrates formation to feed fungi  
**ORGANIC ACID:** AB Mycorrhiza Fungi, stress reducer and nematode reduction