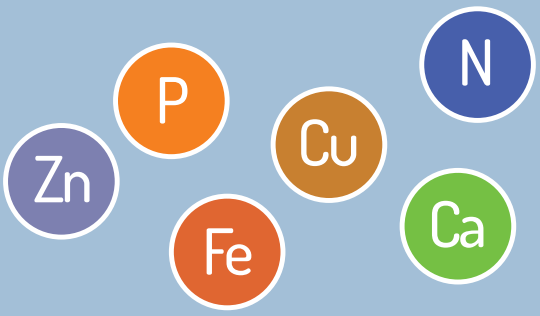


WHAT
ARE

soil nutrients

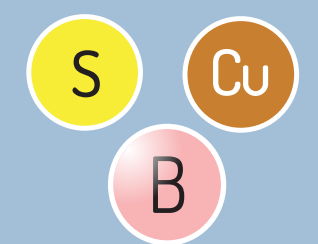
Promote
plant growth



Involved in carbohydrate
metabolism and translocation
of starches

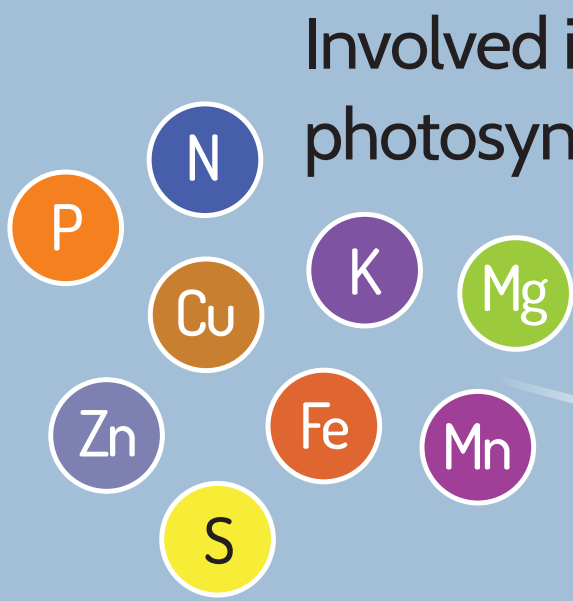


Promote
reproduction

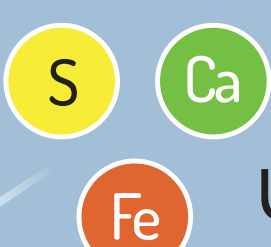


**PLANTS
NEED OF SEVERAL
NUTRIENTS TO GROW AND
PRODUCE HEALTHY AND
NUTRITIOUS FOOD: DIFFERENT
NUTRIENTS HAVE DIFFERENT
ROLES IN THE PLANT**

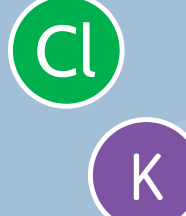
Involved in
photosynthesis



Used for
photosynthesis



Increase disease
resistance



Promote fruit
formation



Quickens maturity



Improves fruit quality



Creates fruit flavor



Promote seed formation



Improves seed quality



Enhances maturity
of small grains



Promotes root formation
and growth



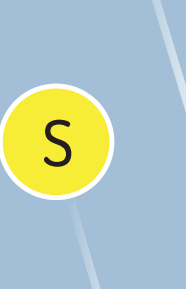
Increases water-use
efficiency



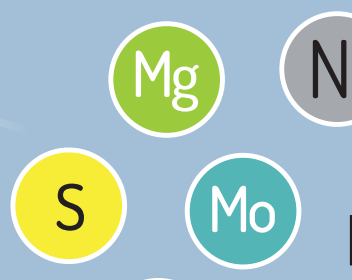
Stimulates
microbial activity



Promote
nodule formation
on legumes



Facilitate enzyme activity



**NATURALLY,
DIFFERENT SOILS
CONTAIN DIFFERENT
AMOUNTS OF
NUTRIENTS**

**ANNUAL
SOIL SAMPLING IS
BENEFICIAL FOR SOME
NUTRIENTS WHILE LESS
FREQUENT SAMPLING IS
ACCEPTABLE FOR
OTHERS**

**SOIL
SAMPLING AND TESTING ARE
THE FIRST STEP TO DETERMINE THE
NUTRIENT STATUS OF YOUR SOIL AND
TO MAKE NUTRIENT MANAGEMENT
DECISIONS**

TYPE OF NUTRIENTS

TYPE OF NUTRIENTS		MOBILITY IN SOIL	
		LOW	HIGH/ FREQUENT TESTING REQUIRED
MACRO	PRIMARY	NITROGEN	N
		PHOSPHORUS	P
		POTASSIUM	K
	SECONDARY	SULPHUR	S
		CALCIUM	Ca
		MAGNESIUM	Mg
MICRO	BORON, CHLORIDE, MANGANESE	B, Cl, Mn	B, Cl, Mn
		MOLYBDENUM	Mo
		IRON, ZINC, COPPER, NICKEL	Fe, Cu, Zn, Ni

Thanks to the financial support of

