

FUN WITH THE PLANT CUURISIENT TEAN AN ACTIVITY BOOK DEVELOPED FOR

ILLUSTRATED BY GREG CRAVENS

KINDERGARTEN AND FIRST GRADE.

Humans, animals, and plants all depend on the soil for life. Without soil, we could not grow the food we eat. There would be no place to hold and store the water we drink. There would be no place for us to build our houses, roads, schools and cities.

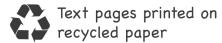
Caring for the soil is important to our lives. As the world population increases and more food is needed to feed all the people, knowing what is best for the soil, what is best for the plants, and what is best for the world around us is a necessary part of everyone's education.

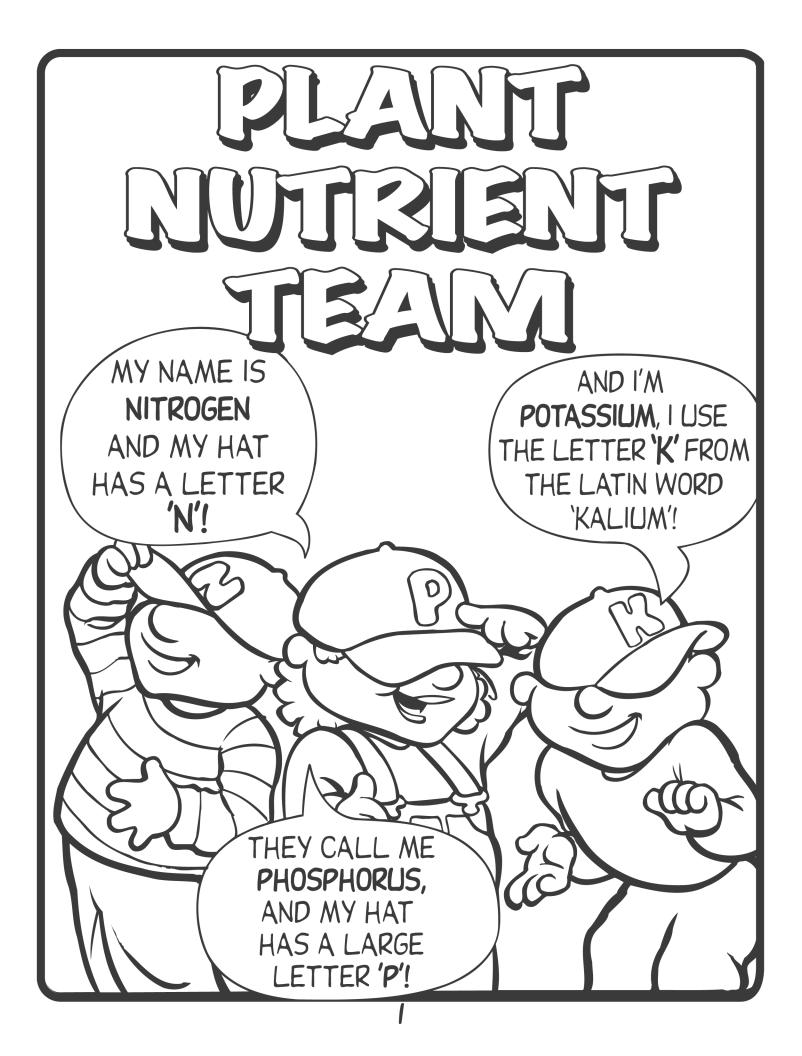
Just like people, plants require nutrients to be healthy. When some nutrients are missing, plants do not grow well. Farmers work hard to add just what is needed to grow their crops.

Our **Fun With The Plant Nutrient Team** activity book was written to help children better understand what the soil needs to be healthy in order to provide us with healthy foods.



This publication is produced by the International Plant Nutrition Institute (IPNI). The mission of IPNI is to develop and promote scientific information about the responsible management of plant nutrition for the benefit of the human family. The Institute's programs are conducted by a staff of Ph.D. scientists in various regions, plus other support personnel.





NUTRIENTS LIKE US HELP FARMERS GROW HEALTHY PLANTS! 18 10 17 24 13•

CIRCLE THE RIGHT ANSWERS

PLANTS NEED:







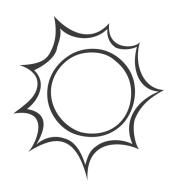
MILK

LIGHT











NUTRIENTS

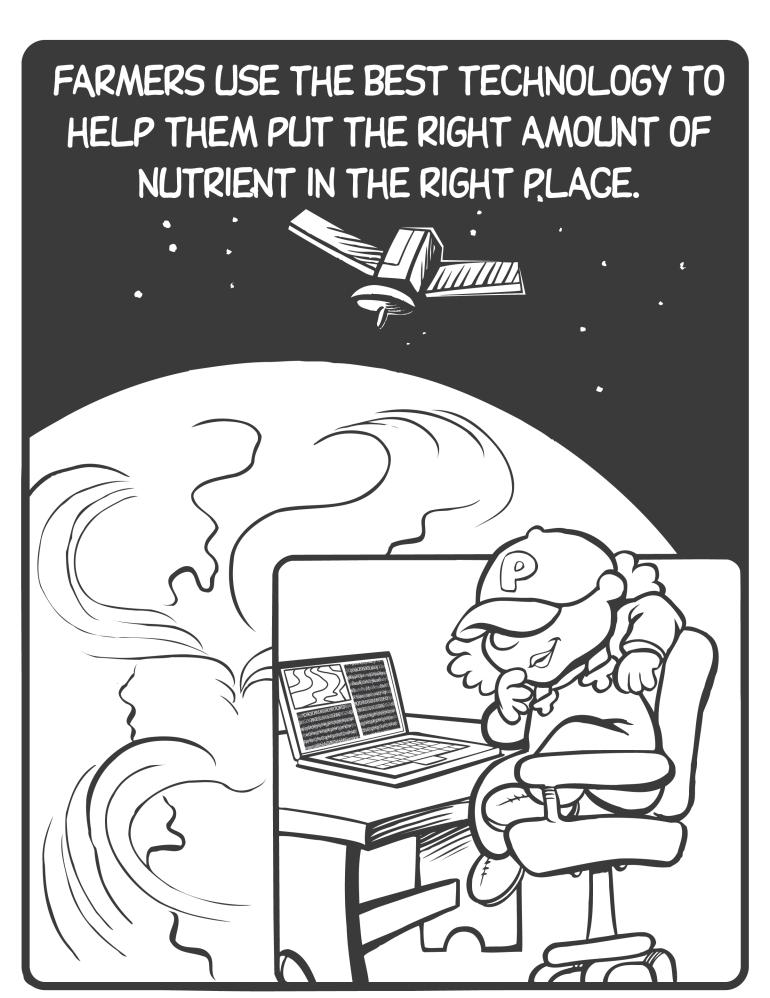
LITTLE SWEATERS

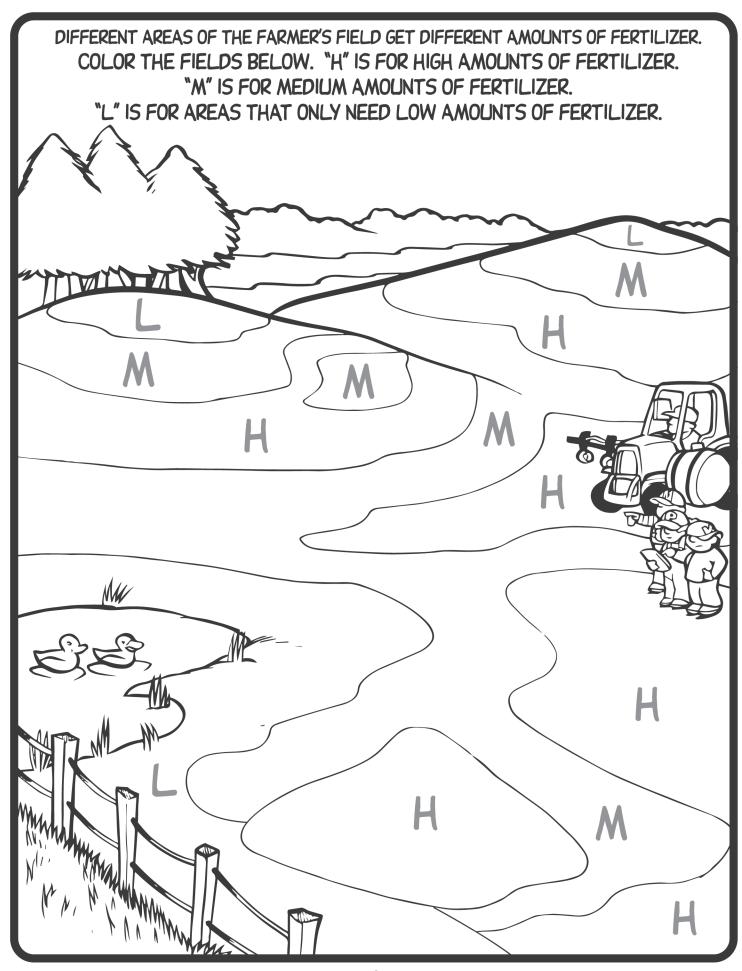


PLANT NUTRIENTS ARE IMPORTANT FOR PLANTS TO GROW. PLANTS GET NUTRIENTS FROM SOIL.

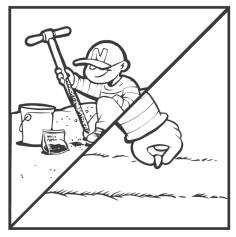


AS PLANTS GROW, THEIR ROOTS TAKE UP NUTRIENTS FROM THE SOIL. THAT'S WHY FARMERS NEED TO ADD MORE NUTRIENTS BACK INTO THE SOIL.

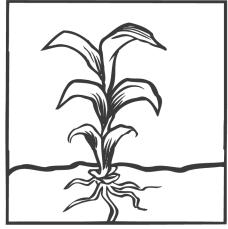




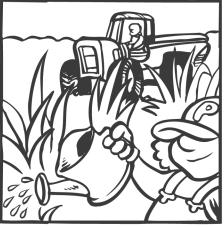
FARMERS TAKE CARE OF THEIR LAND THAT GROWS OUR FOOD.



SOILS ARE TESTED AND SEEDS ARE PLANTED



THE SEED
BECOMES A PLANT



FARMERS LOOK AFTER THEIR CROPS



FOOD GROWS FROM THE PLANT



THE PLANTS ARE HARVESTED



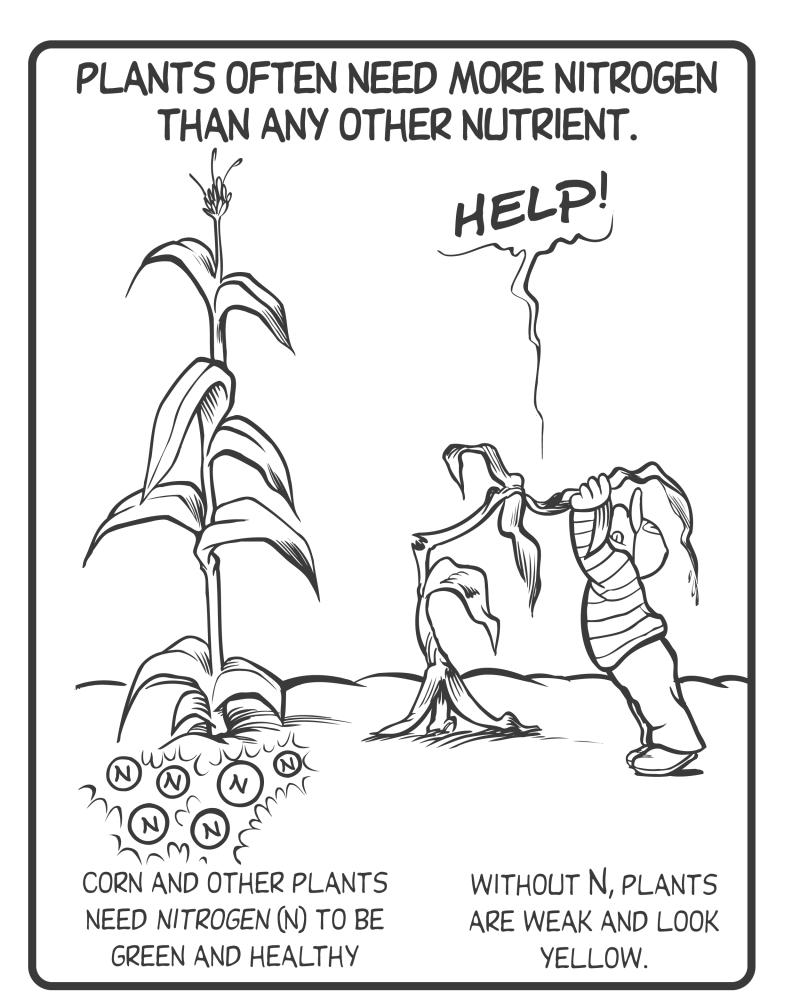
THE FOOD FROM THE PLANT GOES TO THE STORE

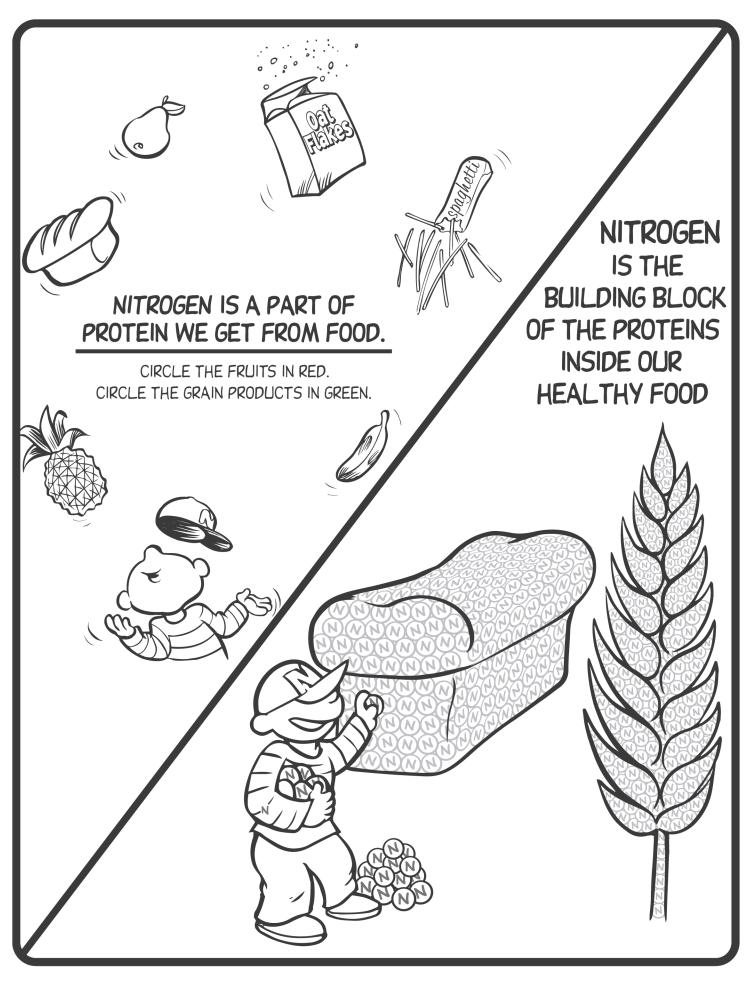


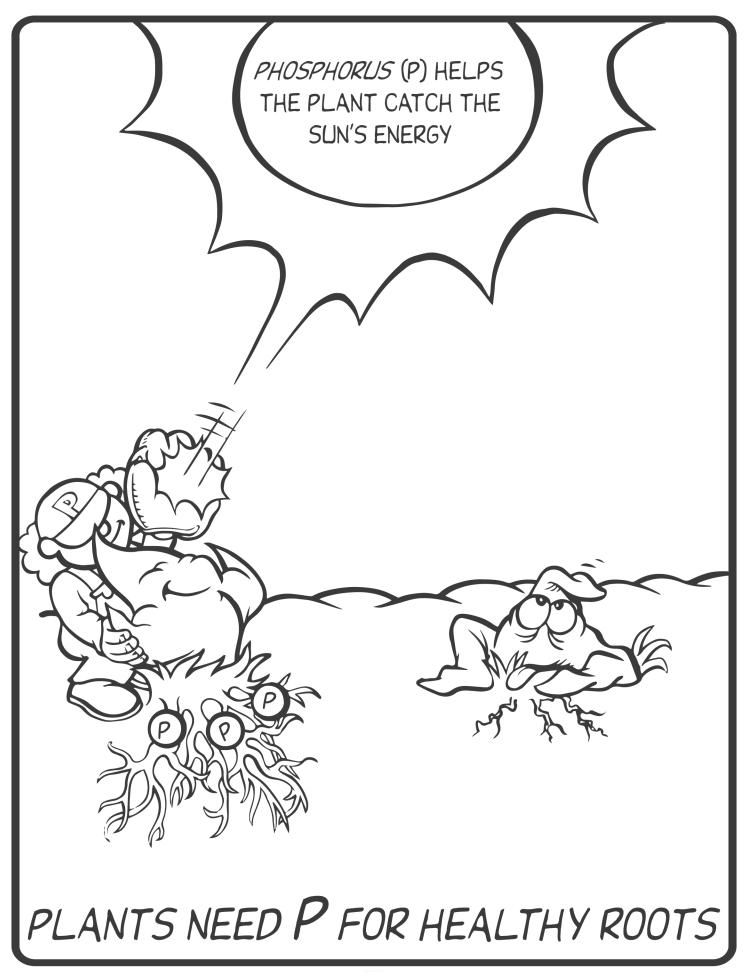










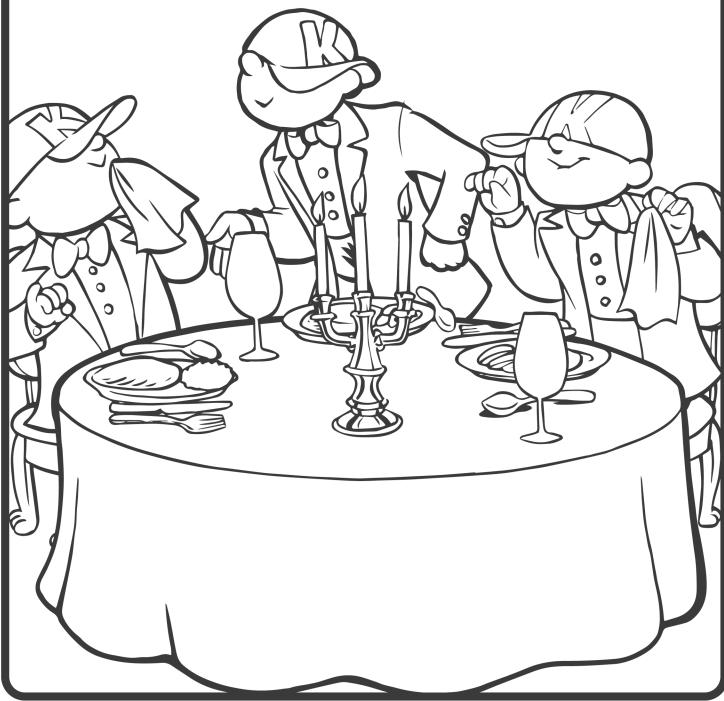


PHOSPHORUS HELPS MAKE SURE FOOD IS FULL SIZE AND TASTES GOOD.



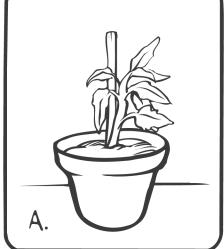


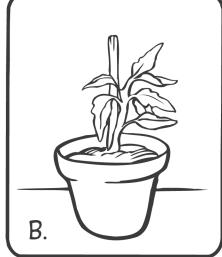
POTASSIUM HELPS MAKE OUR FOOD LOOK AND TASTE ITS BEST.



LET'S DO AN EXPERIMENT!

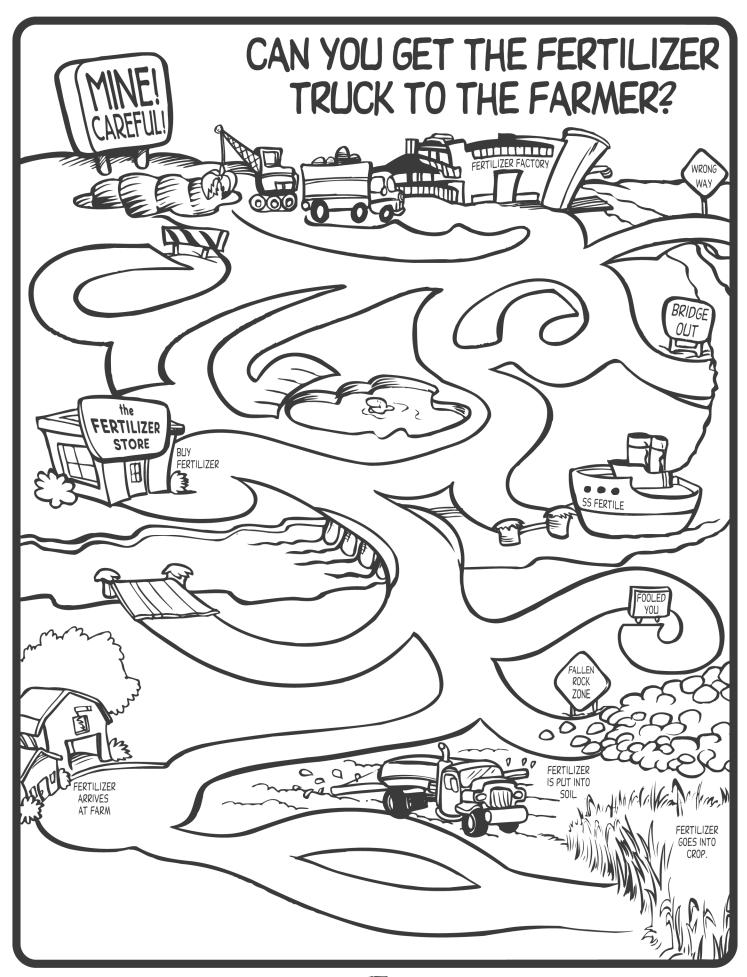
LET'S SEE WHAT HAPPENS TO PLANTS WHEN THEY DO NOT HAVE FOOD AND SUNLIGHT.







A.	B.	C.
TAP WATER	TAP WATER	TAP WATER
SAND	GOOD SOIL	SAND
SUNLIGHT	SUNLIGHT	NO SUNLIGHT
DAY1	DAY 1 COCC	DAY1 (L)
DAY 4 COCC	DAY 4 COCC	DAY 4 (1) (1)
DAY 7 (1) (1)	DAY 7 (1) (1)	DAY 7 (1) (1)
DAY II	DAY 11 COCO	DAY II
DAY 14 (**) (**)	DAY 14 (**) (**)	DAY 14 (**) (**)





FUN WITH THE PLANT PLANT NUTRIENT TEAM

brought to you by:



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