

SOIL FOOD

ONE OF EARTH BIRD'S FAVOURITE PLACES TO VISIT IS ASIA. HE KNOWS MANY WISE FARMERS THERE. MUCH OF ASIA IS CROWDED. THERE ARE MANY PEOPLE FARMING ON A LIMITED AMOUNT OF GOOD LAND.

PLANTS GET THE NUTRIENTS THEY NEED FROM THE SOIL. EACH SEASON NUTRIENTS ARE USED BY

PLANTS TO GROW FOOD FOR YOU. NUTRIENTS MUST THEN BE REPLACED IN THE SOIL SO THAT THE PLANTS WILL HAVE THE NUTRIENTS THEY NEED NEXT SEASON.

WHEN WE REPLACE NUTRIENTS IN THE SOIL WE **RE-CYCLE** THEM. LET'S SEE HOW WISE FARMERS USE TREES AND OTHER PLANTS TO RE-CYCLE NUTRIENTS.

THESE WISE FARMERS KNOW THAT THE NUTRIENTS THAT PLANTS NEED CAN BE PRODUCED ON THE FARM. THEY KNOW THAT TREES ARE A VALUABLE SOURCE OF NUTRIENTS.

I HOPE HE CUTS SOME LEAVES FROM THAT TREE FOR ME.



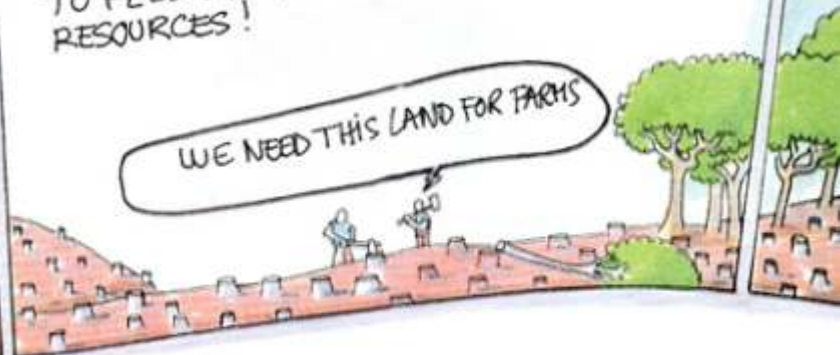
① THE FARMERS USE CROP WASTES SUCH AS CORN HUSKS AND CUTTINGS FROM TREES AS A SOURCE OF NUTRIENTS. THEY LEAVE THEM ON THE SOIL TO DECAY. THEY ALSO FEED SOME TO THEIR LIVESTOCK.

REMEMBER RESOURCES LIKE LAND, SOIL, FORESTS AND WATER ARE LIMITED.

AND AS OUR NATIONS GROW WE USE MORE AND MORE RESOURCES.

TO FEED EVERYONE WE OFTEN DESTROY OUR RESOURCES!

WE NEED THIS LAND FOR FARMS



② ON PART OF THE FARM THEY GROW SPECIAL PLANTS AND TREES AS A SOURCE OF NUTRIENTS FOR THE SOIL. THE LEAVES OF MANY TREES PROVIDE THE NUTRIENTS CROPS NEED FOR GOOD GROWTH. FARMERS CAN CUT LEAVES FROM THESE TREES AT LEAST TWICE A YEAR AND ADD THEM TO THE SOIL BEFORE PLANTING.



③ THIS COW IS HELPING TO RE-CYCLE NUTRIENTS. THE FARMERS CUT GRASS, TREE LEAVES AND CROP WASTE AND CARRY THEM TO THE COW TO EAT. THEY COLLECT DUNG FROM THE PEN AND SPREAD IT ON THE FIELDS. DUNG IS A GOOD SOURCE OF NUTRIENTS FOR THE SOIL.

④ THE FARMERS MIX CROP WASTE, LEAVES AND LIVESTOCK DUNG TO MAKE COMPOST. COMPOST CONTAINS THE NUTRIENTS PLANTS NEED FOR GOOD GROWTH. THESE FARMERS ADD COMPOST TO THEIR HOME GARDEN TO ENSURE A GOOD SUPPLY OF FRUITS AND VEGETABLES FOR THEIR FAMILY EACH YEAR.



BY RE-CYCLING NUTRIENTS WE CAN ENSURE THAT SMALL PIECES OF LAND CAN PROVIDE GOOD FOOD NOW AND IN THE FUTURE. TREES ARE A GOOD SOURCE OF NUTRIENTS AND THEY PROVIDE FIREWOOD AND BUILDING MATERIALS. CAN

YOU THINK OF PLACES IN YOUR AREA WHERE TREES CAN BE USED TO HELP RE-CYCLE NUTRIENTS?

HOW CAN YOU HELP TO RE-CYCLE NUTRIENTS?

WHAT CAN WE DO?

WE CAN FARM WITH TREES TO MAKE BETTER USE OF RESOURCES.

THIS LAND CAN PROVIDE FOOD FOR A LONG TIME IF IT IS CARED FOR.

CAN YOUR AREA PRODUCE ENOUGH FOOD FOR THE FUTURE? DOES YOUR AREA PRODUCE MORE FOOD THAN IT NEEDS?

ARE THERE NATURAL RESOURCES IN YOUR AREA THAT ARE BEING DESTROYED? WHAT CAN YOU DO TO SAVE THEM?