USING AGRICULTURAL LIME

Grower's Manual







2023 - Version 1



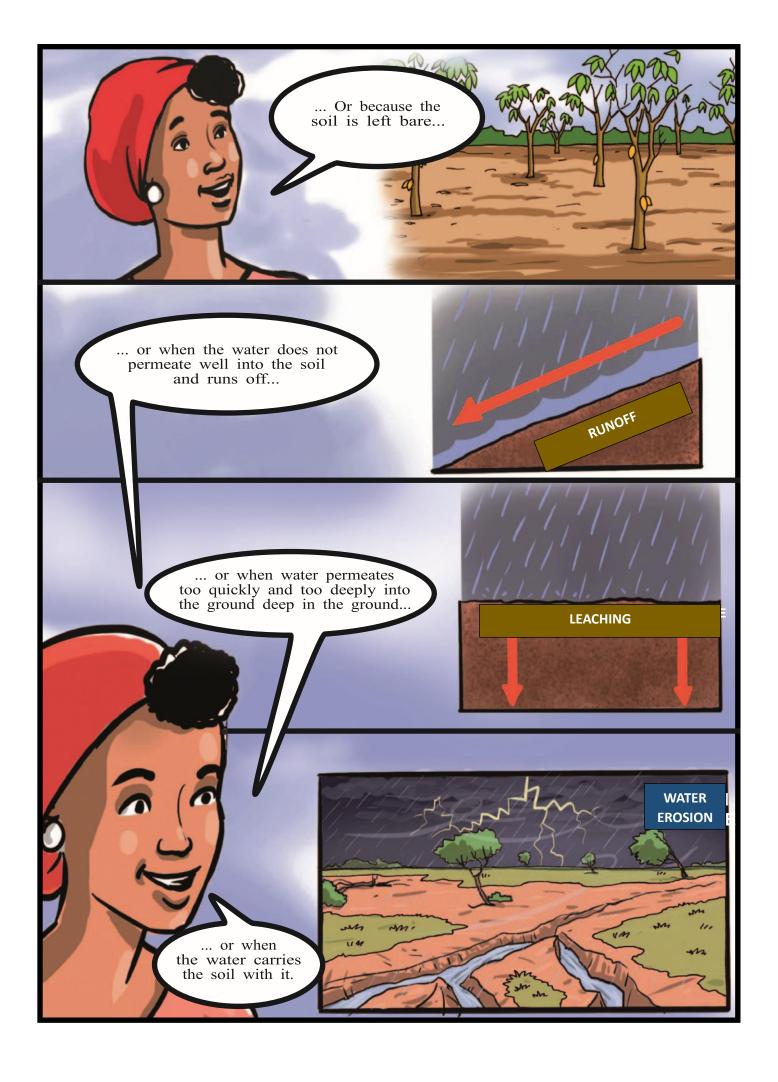


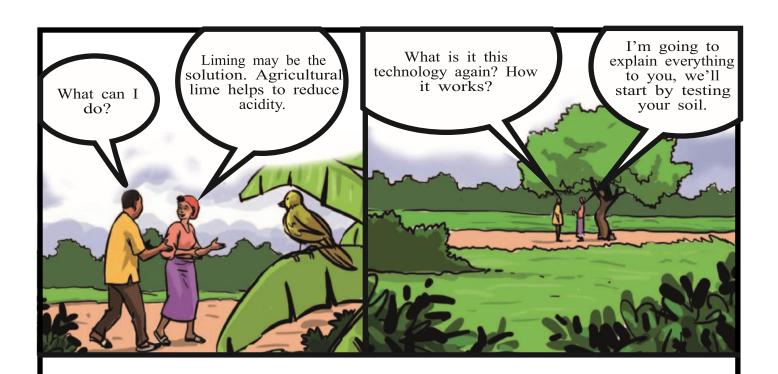
RESTORATION OF ACIDIC AGRICULTURAL SOILS: FROM OBSERVATION TO ACTION

Hawa is a grower. She has already participated in liming tests on her seed potato crops. Today, she is on Abraham's land, a grower friend who has been dealing, for several years, with a drop in yields of his own crops...

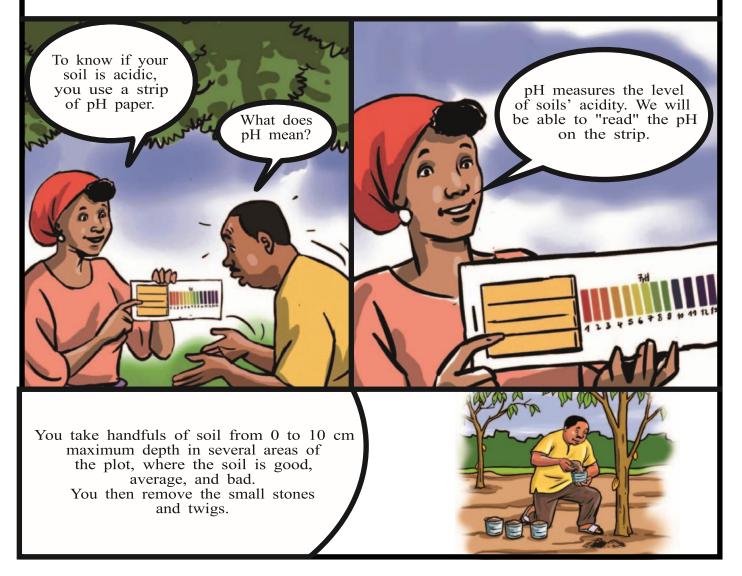
WHY LIME MY SOIL?







HOW TO TEST MY SOIL?



You place the samples separately in very clean containers. For example, the bottom part of water bottles.

Do not use metal containers.



You take water from a river, a well, or a jar and pour it into a clean container. You must not take dirty, stagnant water or from the tap.

Acidification can be natural or caused by a lack of good tillage, a poor management of fertility...

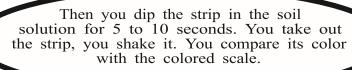




The water must be neutral, i.e. have a pH close to 7. If it is the case, you can use it to test the soil. Otherwise, you need to change the water.

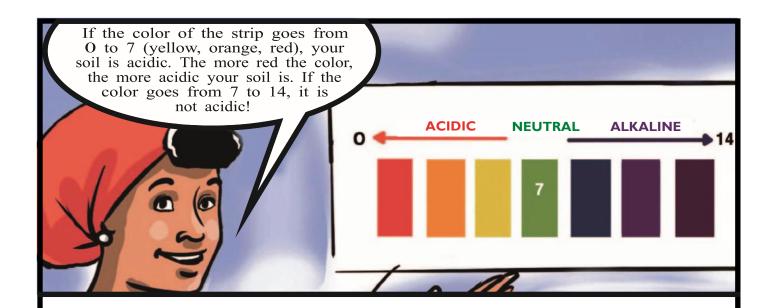


Pour the water into the containers, just enough to cover the samples. Stir well with a stick (not a metal object) and let it sit for one to two minutes.



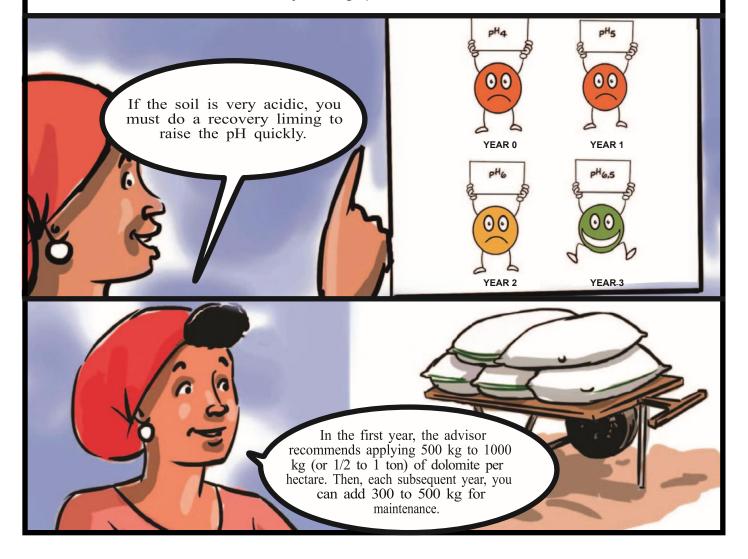


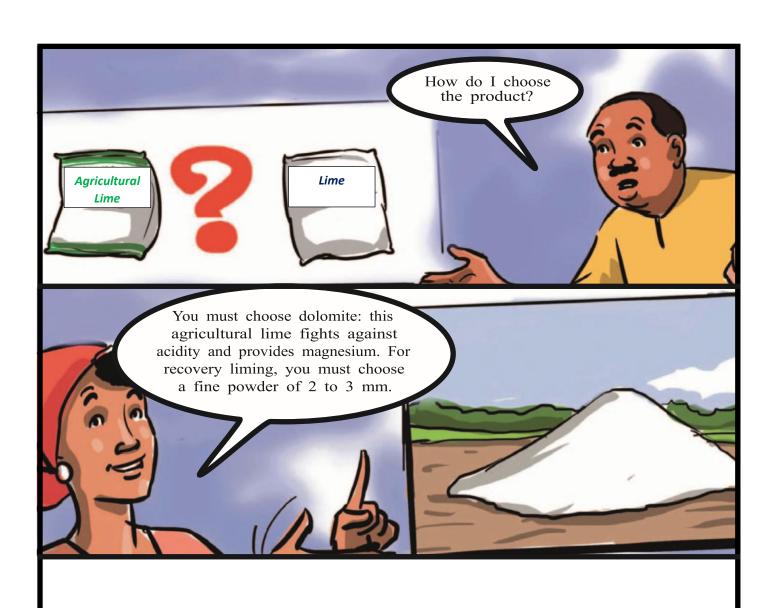




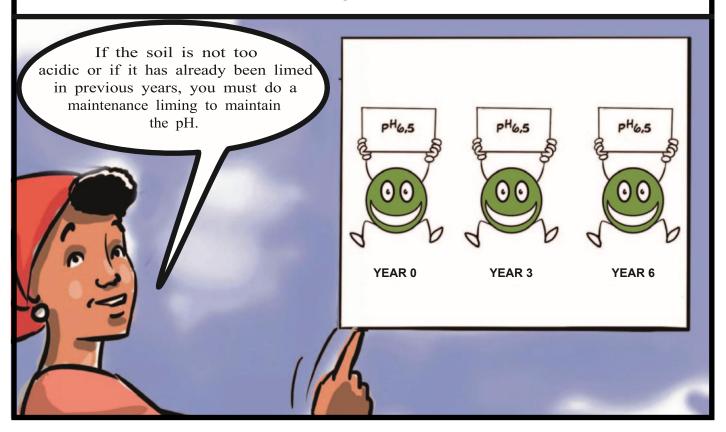
WHAT TYPE OF LIMING?

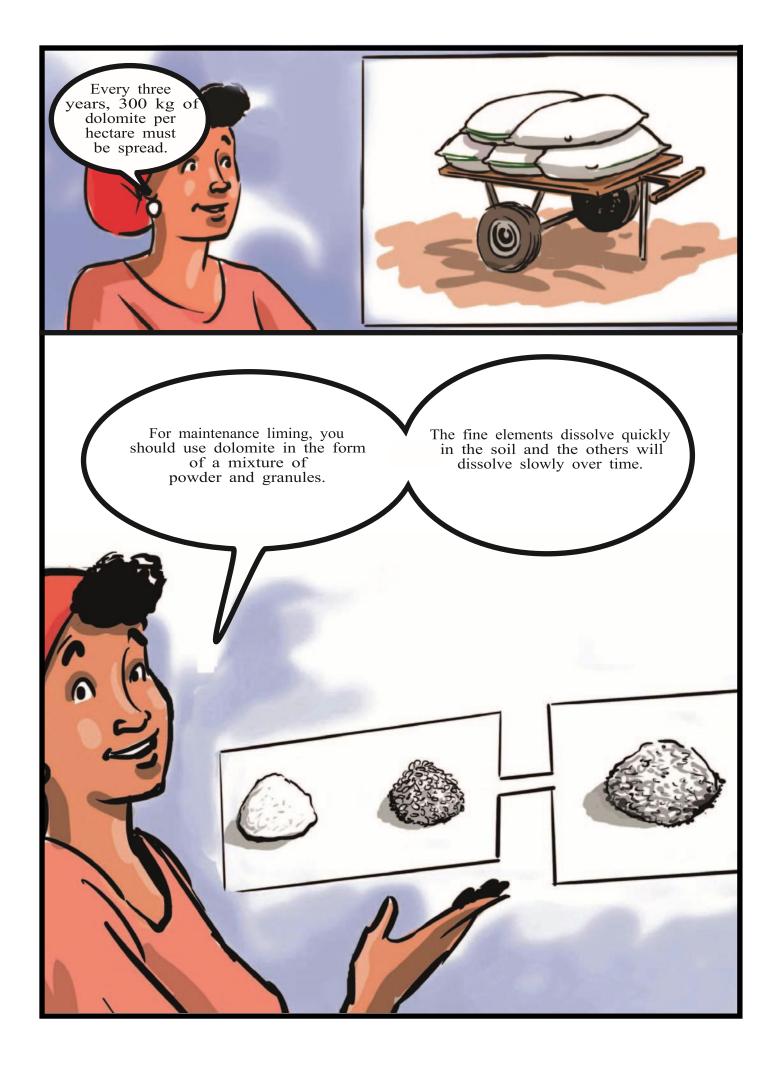
Recovery liming: pH between 3 and 4



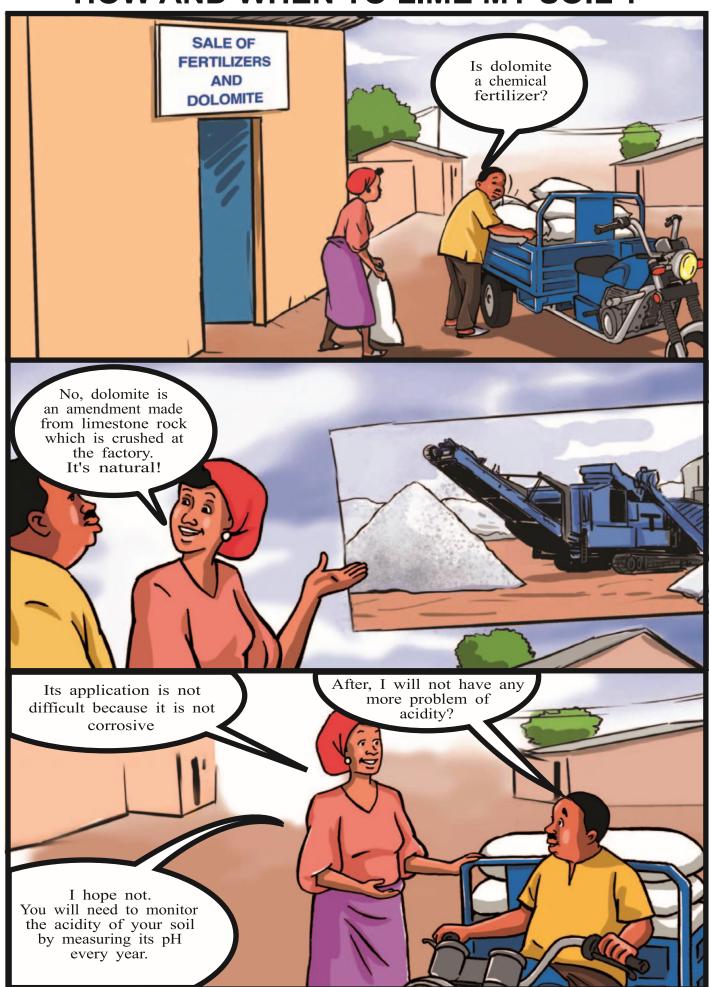


Maintenance liming: pH between 5 and 6



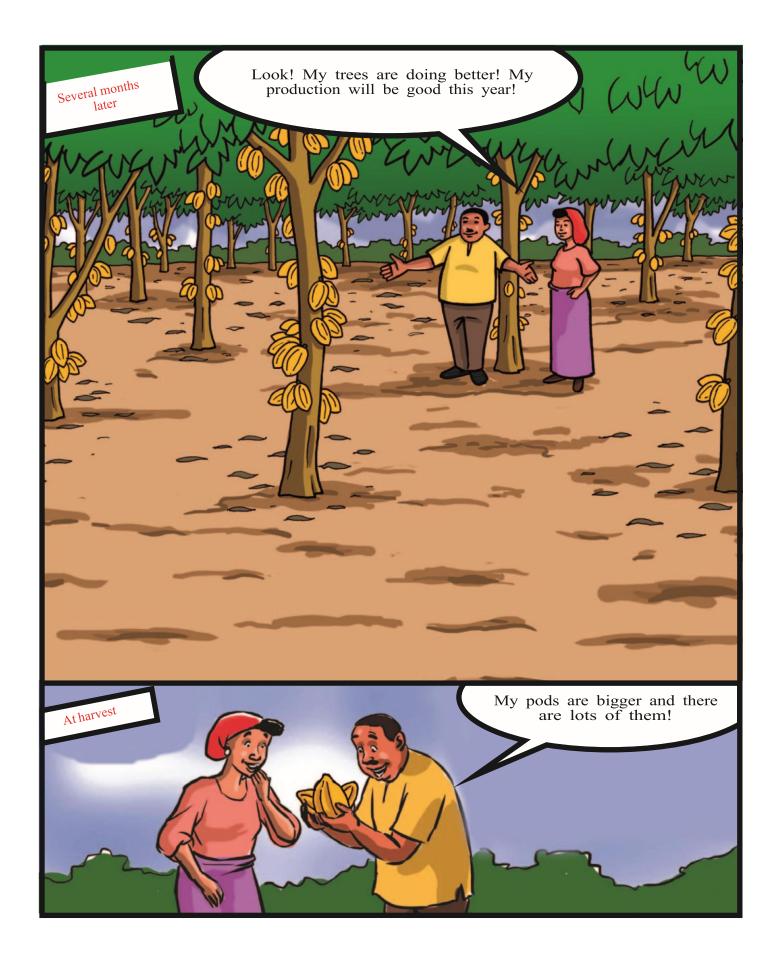


HOW AND WHEN TO LIME MY SOIL?











The effect of the dolomite has made fertilizer available to the plant. As a result of liming, Abraham's income increased by 40% and his potato tubers are better preserved. Abraham and Hawa decide to spread the good news at the village square.



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