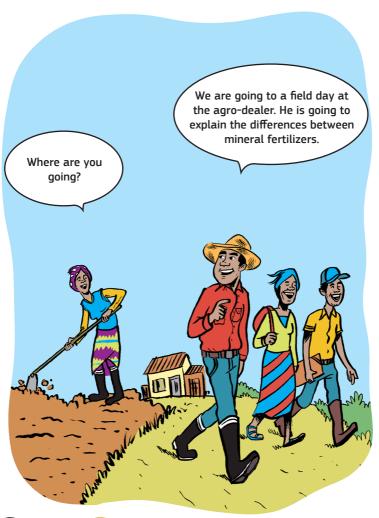
What are the differences between mineral fertilizers?







What are the differences between mineral fertilizers?

Words Explained

Accidifying: To make something acid. When something is made acid the pH is lowered.

Acidic soils: Soils where the pH is low

Alkaline soils: Soils where the pH is high

Fertilizer: Something added to the soil to help the plants grow

Harvest: Gathering the crops from the field

Leaching: Washing away of nutrients from the soil

Mineral fertilizer: NPK blends you buy at the agrovet or shop

Nutrients: Tiny particles in the soil that a crop needs as food

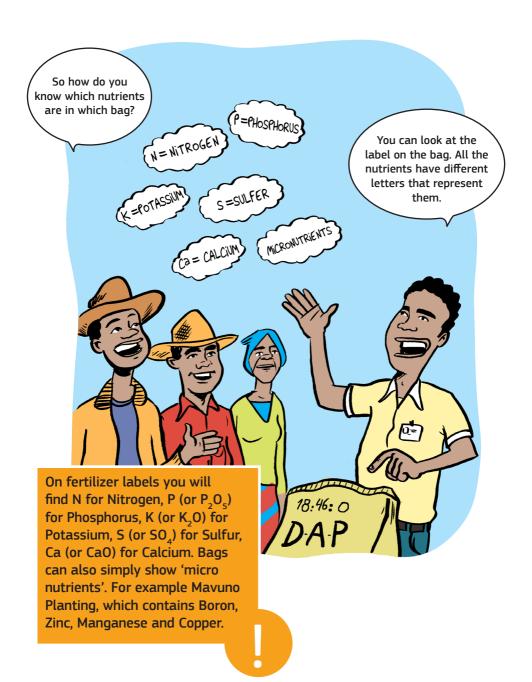
Organic fertilizer: Natural materials that contain nutrients like crop parts, compost or manure

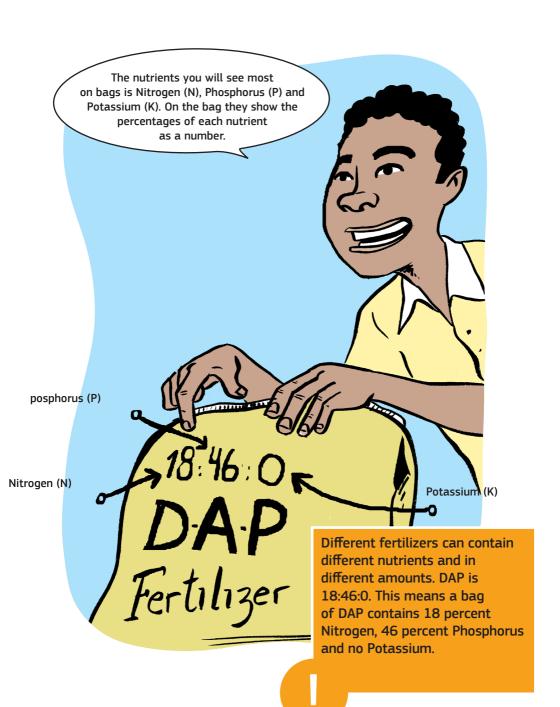
pH: A condition of the soil that influences whether your crop can access the nutrients in the soil





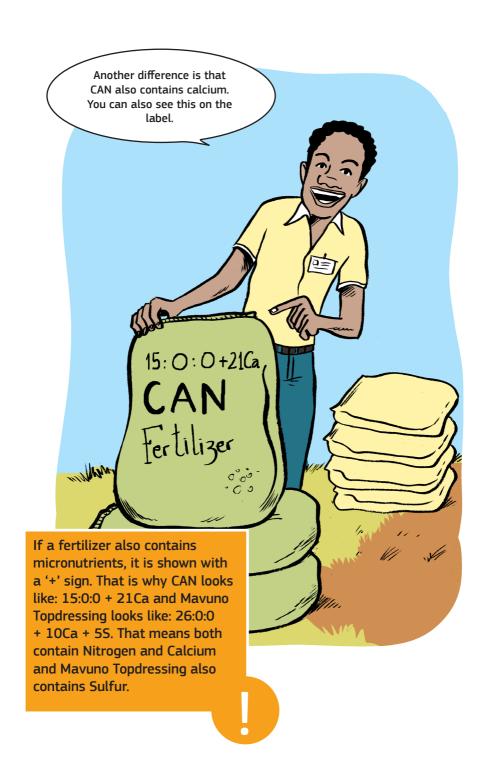






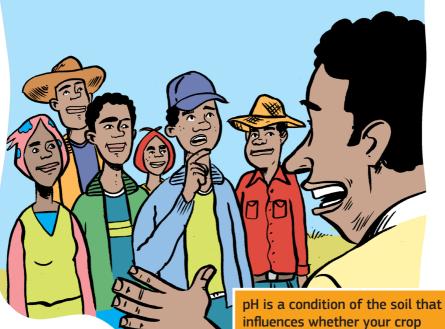




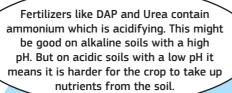


Mineral fertilizer will not poison your soil if applied correctly. it supplies your crop with needed nutrients. Accidifying fertilizers can be a problem. That is because they lower pH.

Won't mineral fertilizer poison my soil?



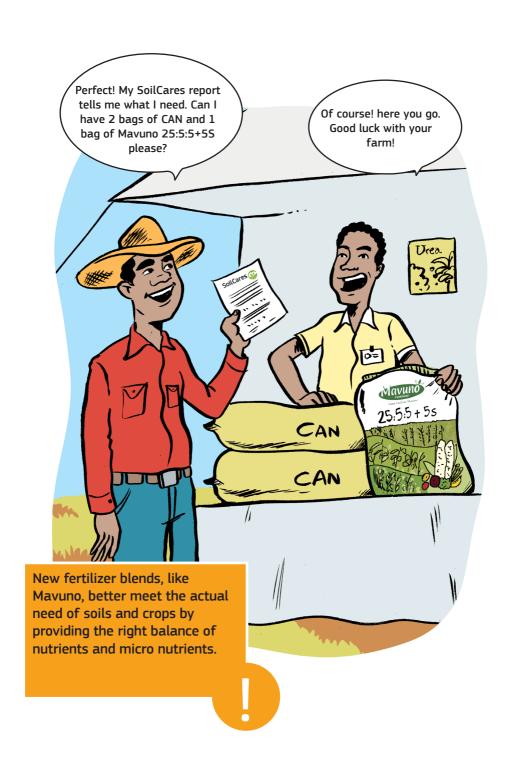
influences whether your crop can access the nutrients in the soil. In acidic soils the pH is low. In alkaline soils the pH is high. When the pH is low it becomes harder for your crop to take up nutrients from the soil.





If you only apply mineral fertilizers like DAP and Urea, your soil in the end might become so acidic your crop would no longer be able to take up nutrients. Monitoring the pH of your soil is very important.





Colophon

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This booklet explains the differences between mineral fertilizers by explaining what nutrients are present in different types of fertilizer and how you can read the labels on the bag. Through these training booklets SoilCares Foundation wants to show you how to take care of your soil – so the soil can take care of you.

Other SoilCares Foundation booklets:

- 1. Why should I test my soil?
- 2. How do I collect a good soil sample?
- 3. What do the recommendations of the soil test report mean?
- 4. How and why should I apply fertilizer?
- 5. What are the differences between mineral fertilizers?



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