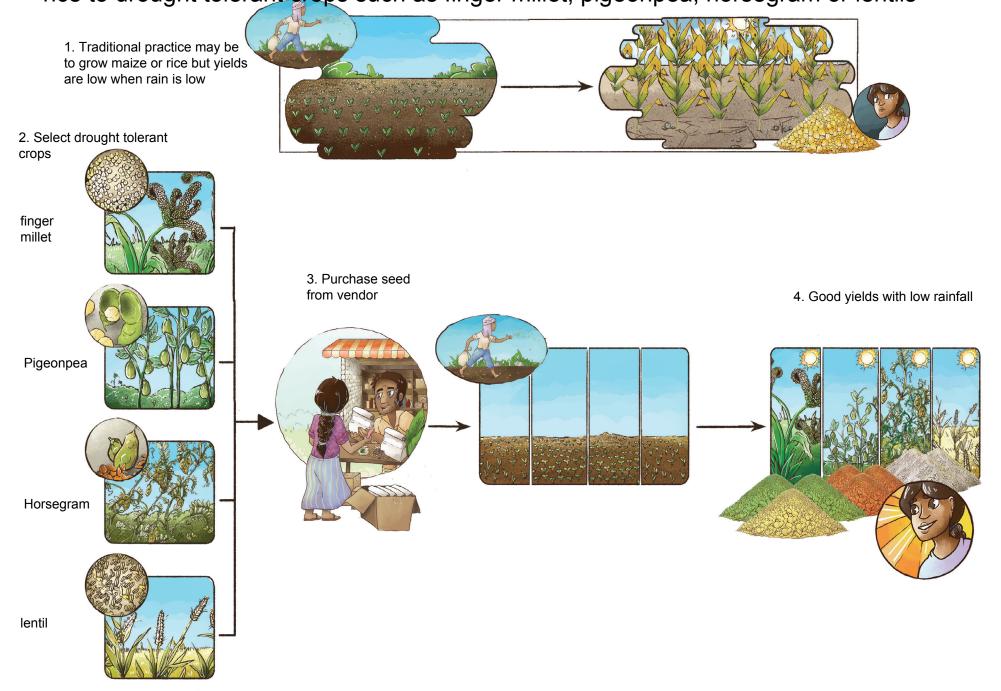
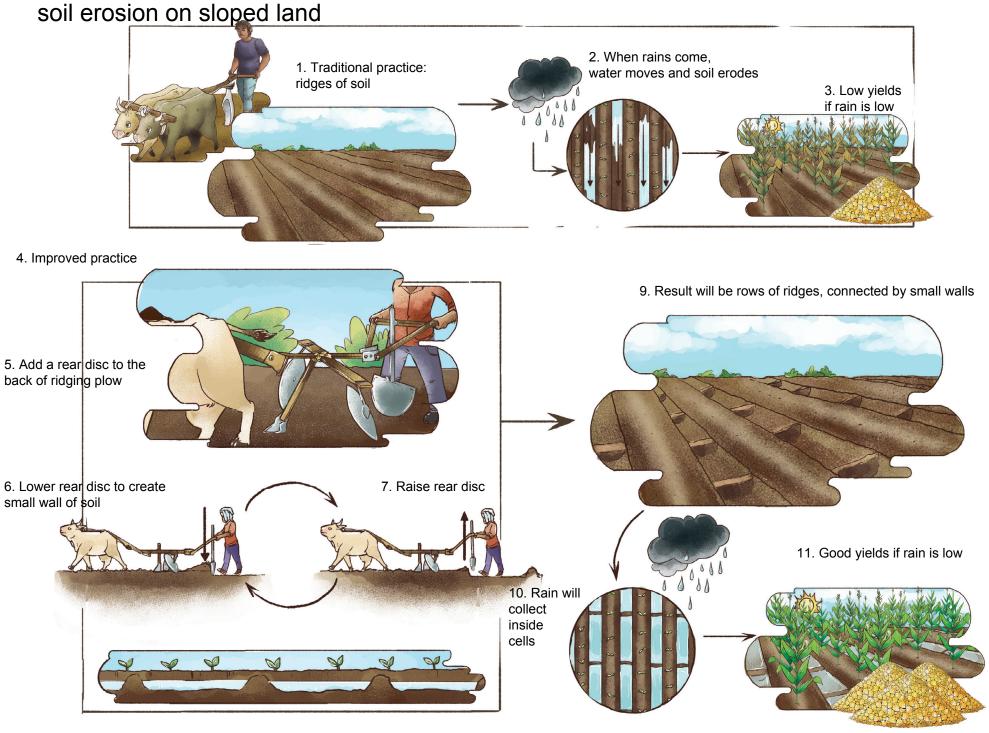
Lesson: If the climate is becoming dryer, then shift from traditional crops such as maize or rice to drought tolerant crops such as finger millet, pigeonpea, horsegram or lentils

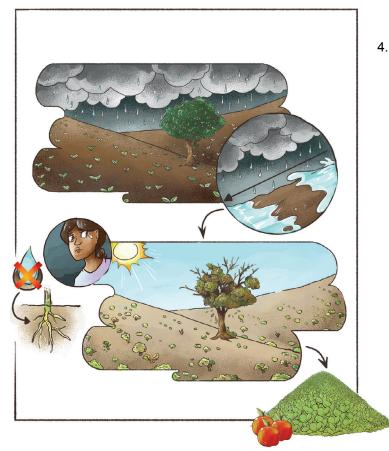


Lesson: Connecting soil ridges with small walls of soil can conserve rainwater and reduce

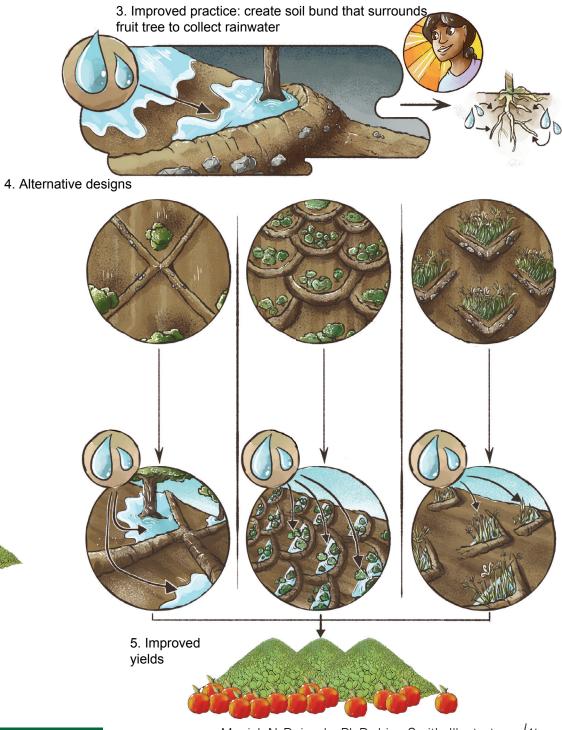


Lesson: There are simple methods to collect rainwater on slightly sloped land for dry season

1. Traditional practice: water is lost



2. Low yields when rain is low (e.g. apple)



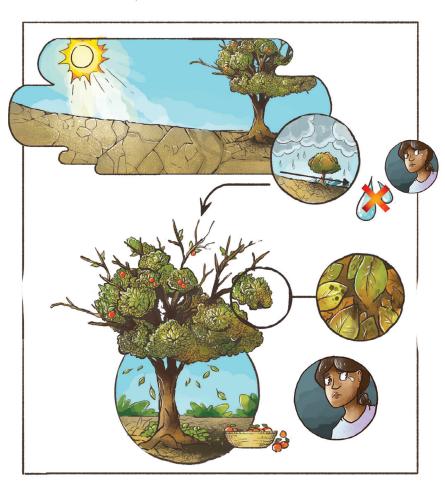
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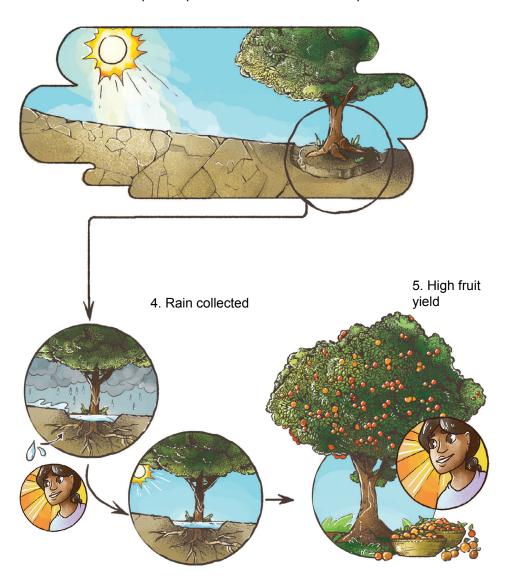
Lesson: Fruit trees can be grown in dry climates by harvesting rainwater around tree using a bund or pit

1. Traditional practice: no water collected



2. Low fruit yield (e.g. apple)

3. Improved practice: create short wall or pit around tree

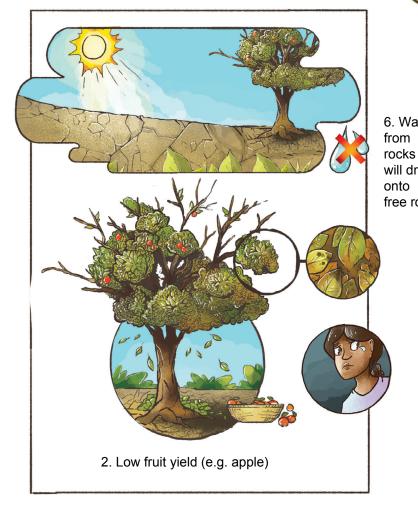


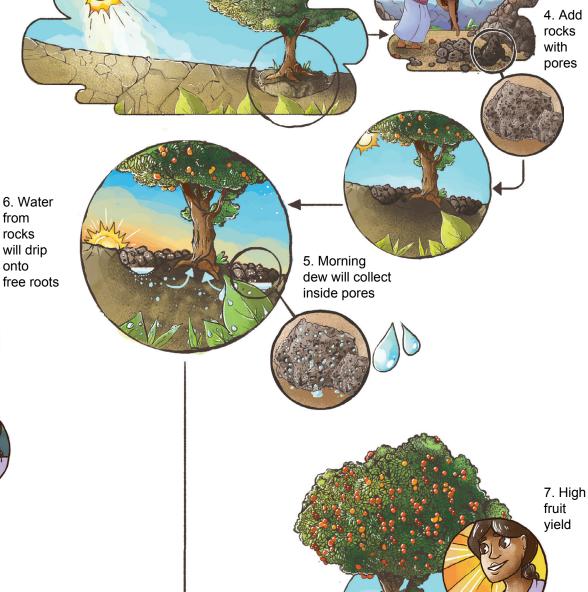
Lesson: Fruit trees can be grown in dry climates by harvesting rainwater around tree using

porous rocks

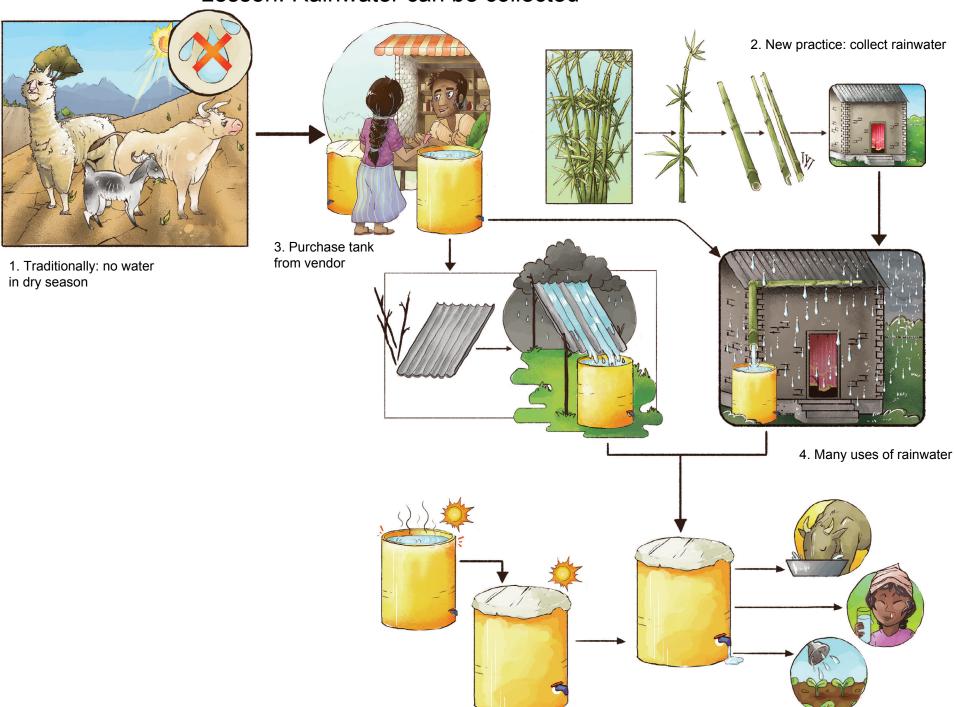
3. Improved practice: create short wall or pit around tree

1. Traditional practice: no water collected

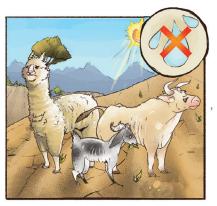




Lesson: Rainwater can be collected

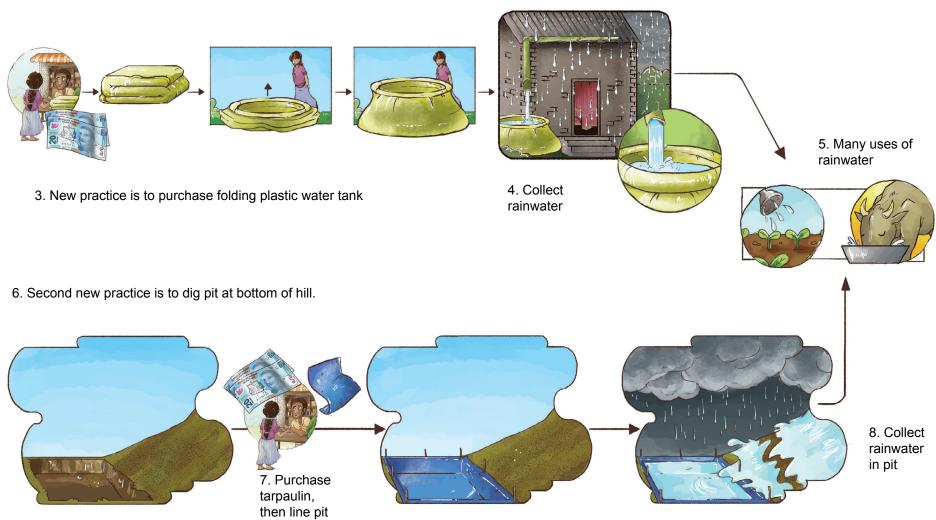


Lesson: Cheap foldable plastic tanks or tarpaulins can be used to collect rainwater

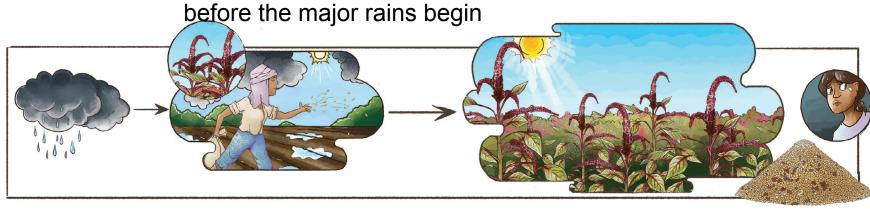


1. Traditional situation: rainfall is lost

2. In dry season, no water

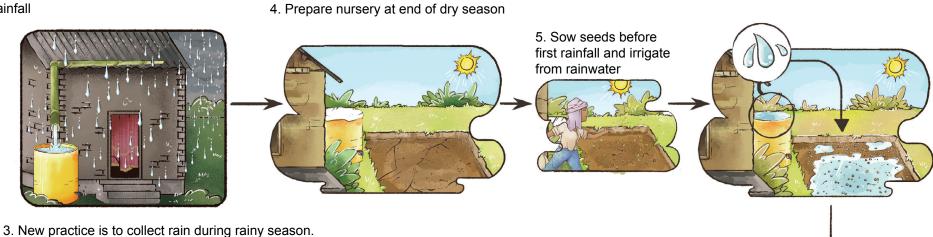


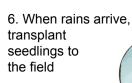
Lesson: Collected rainwater can be used to irrigate a millet nursery in order to enable sowing

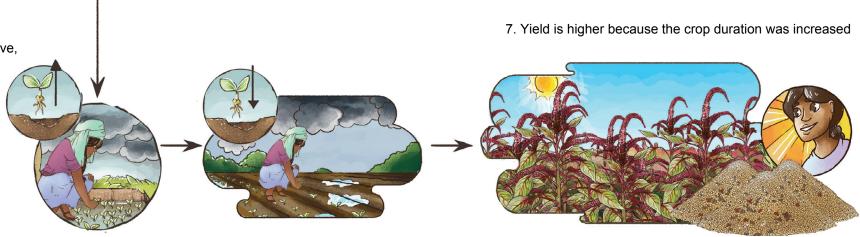


1. Traditional practice is to sow millet seeds after first rainfall

2. If growing season is short, then yield is low.

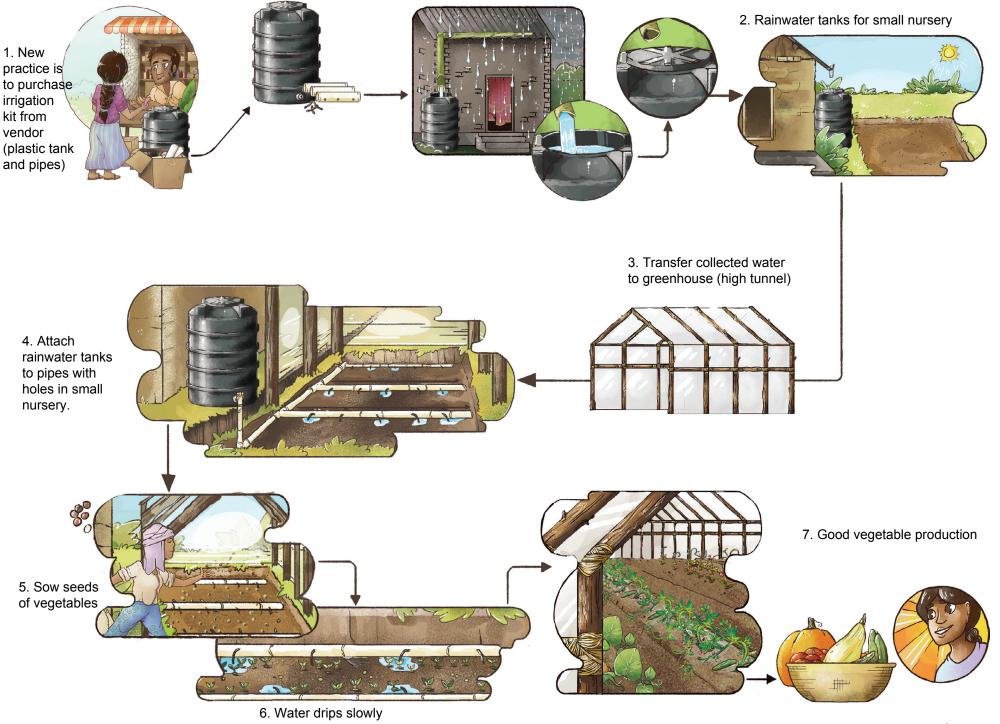


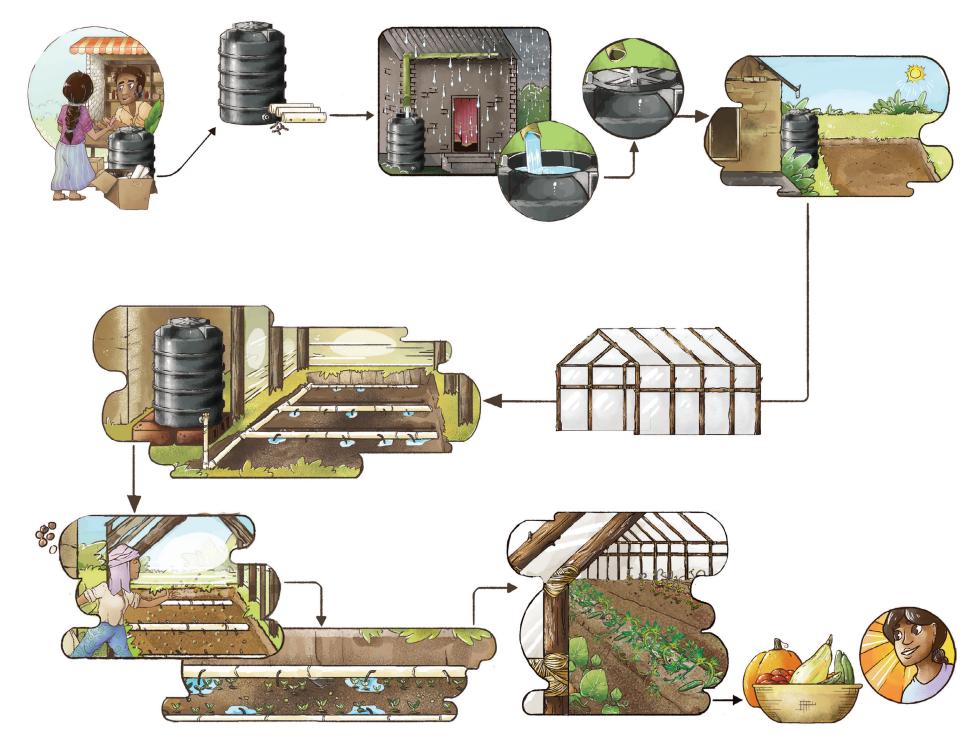


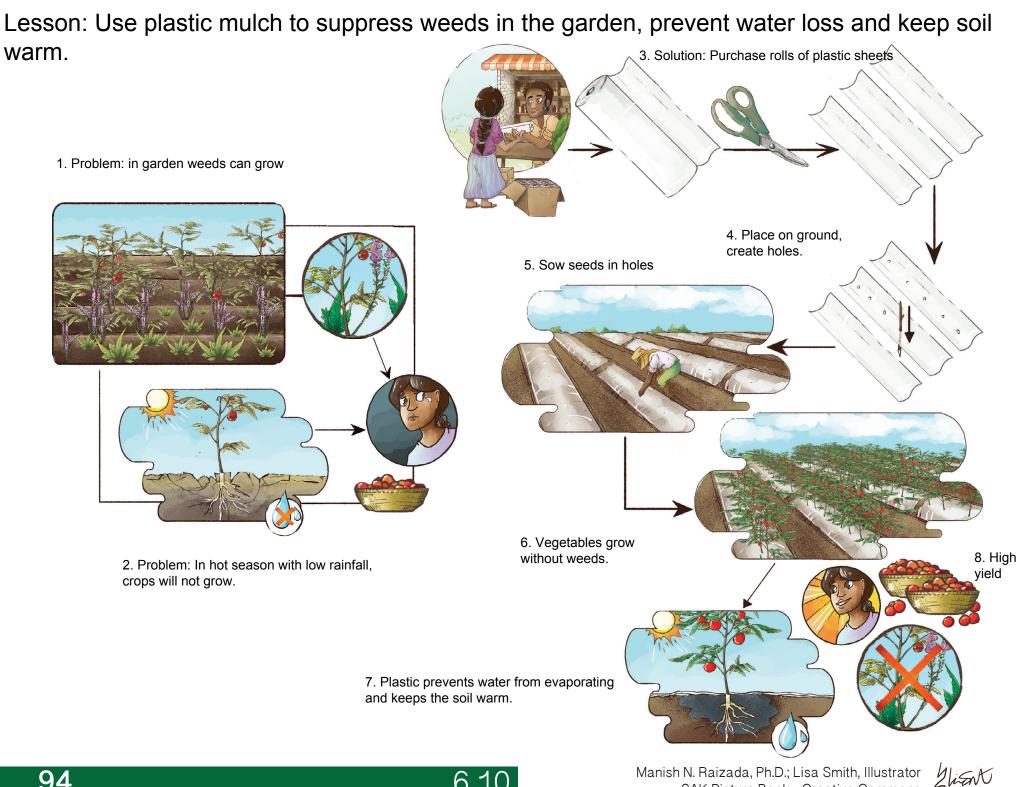


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Lesson: Collected rainwater can be connected to pipes with holes to feed water directly to roots







Lesson: There are improved machines to pump water from a well that reduce labour

