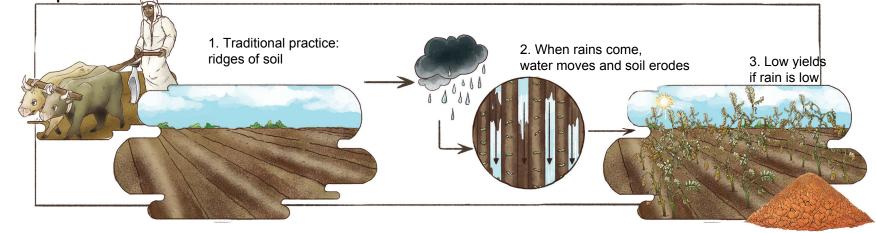
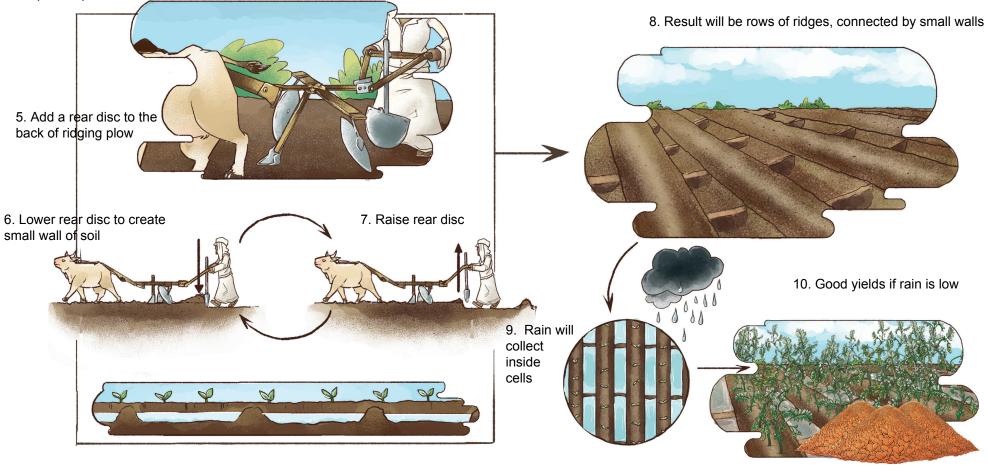
Lesson: Connecting soil ridges with small walls of soil can conserve rainwater and reduce soil erosion on sloped land



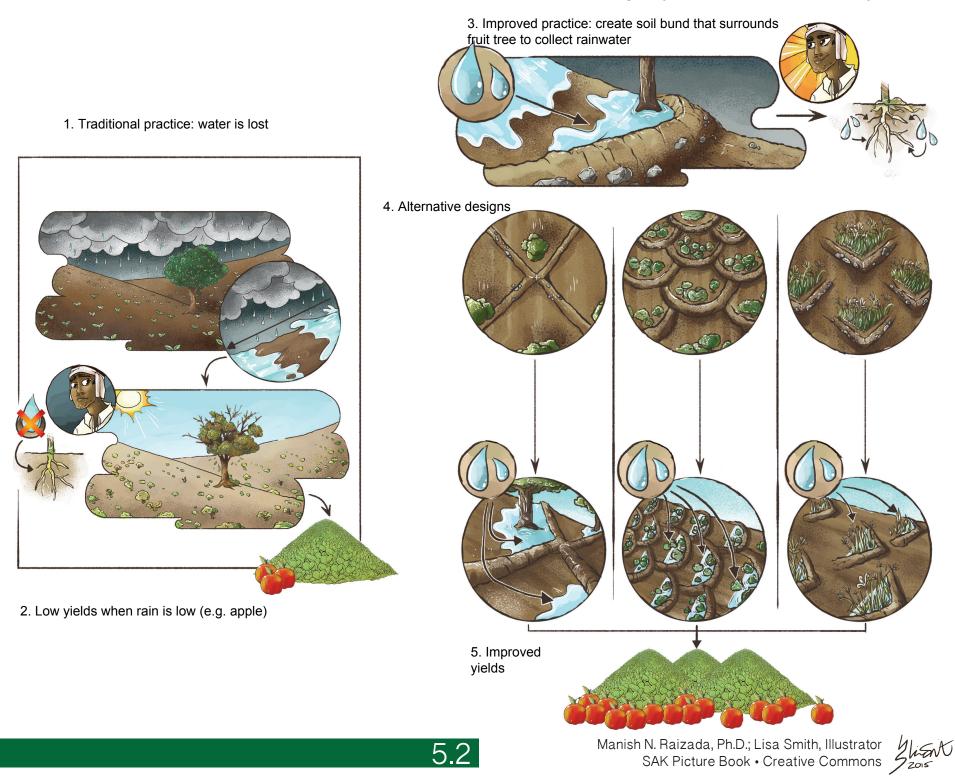
4. Improved practice



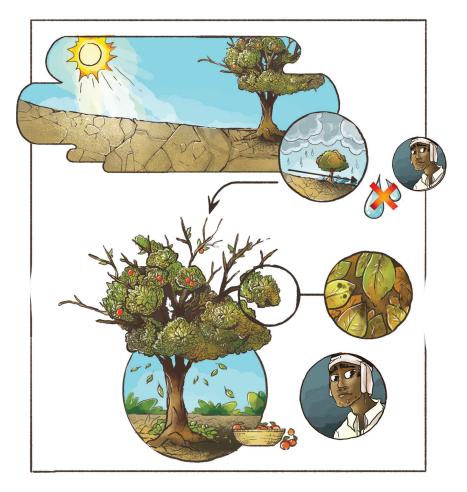
5.1



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

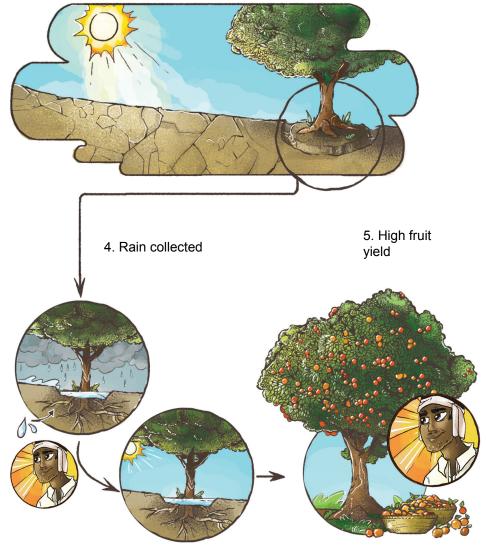


Lesson: Fruit trees can be grown in dry climates by harvesting rainwater around tree using a bund or pit



1. Traditional practice: no water collected

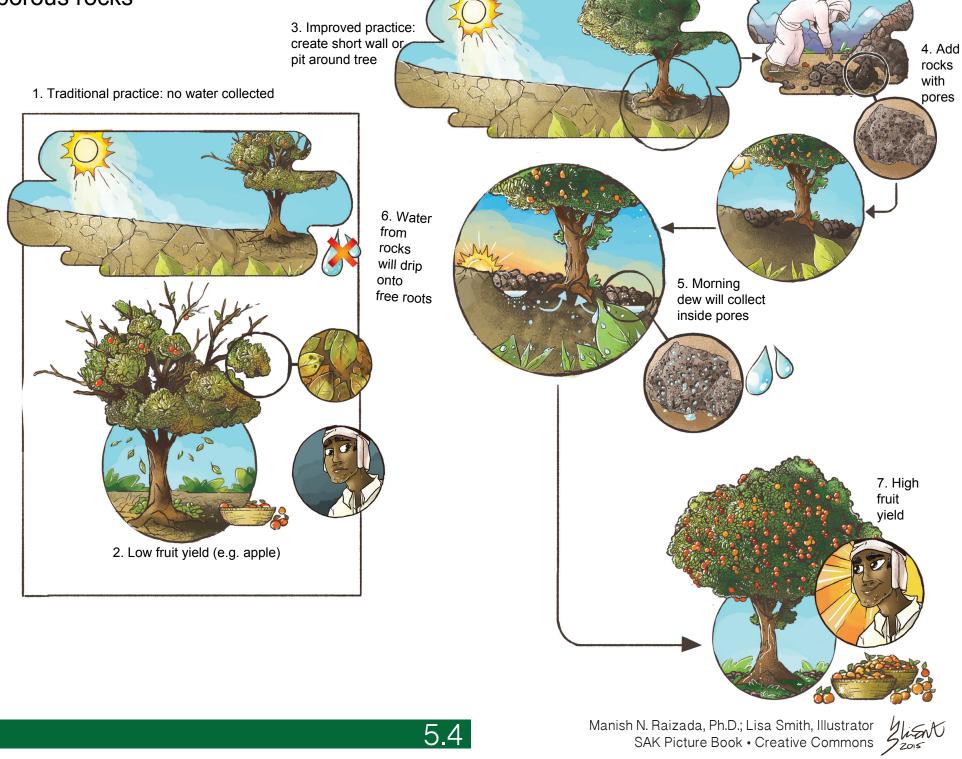
2. Low fruit yield (e.g. apple)



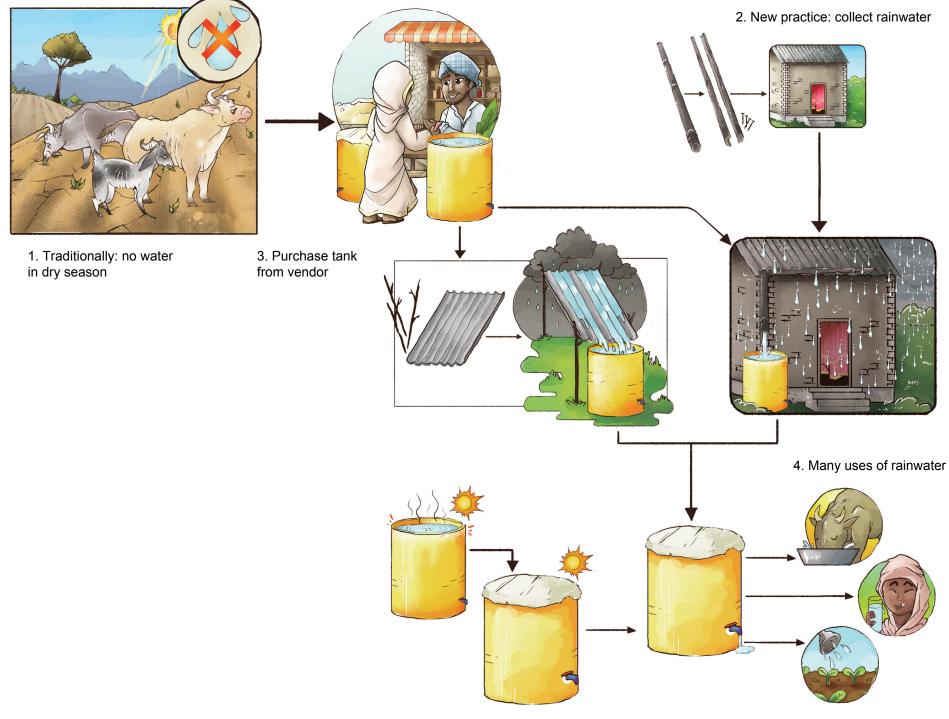


3. Improved practice: create short wall or pit around tree

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

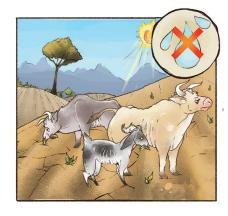


Lesson: Rainwater can be collected



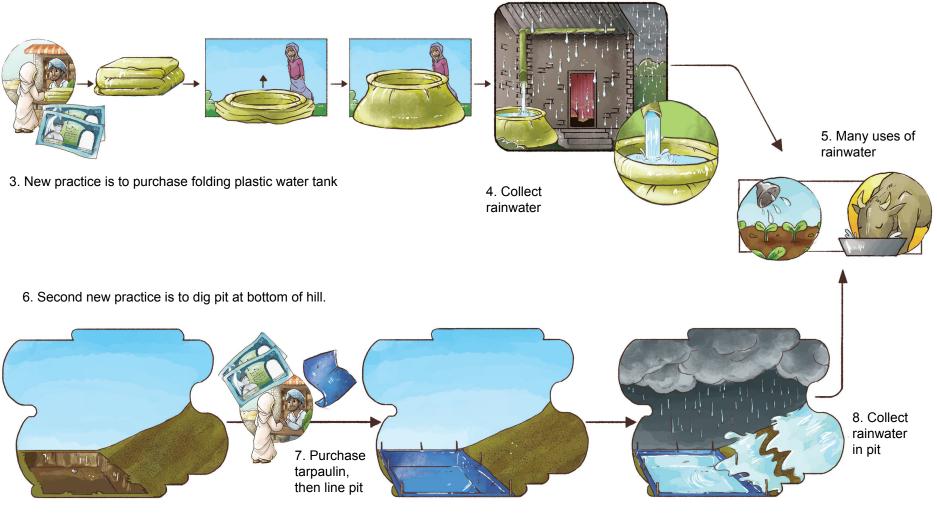


Lesson: Cheap foldable plastic tanks or tarpaulins can be used to collect rainwater



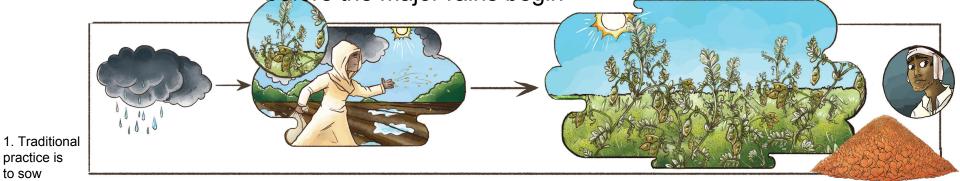
1. Traditional situation: rainfall is lost

2. In dry season, no water





Lesson: Collected rainwater can be used to irrigate a millet nursery in order to enable sowing before the major rains begin



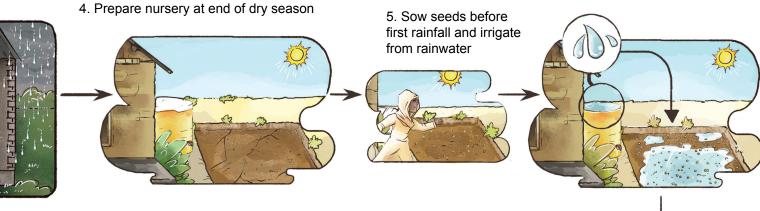
2. If growing season is short, then yield is low.

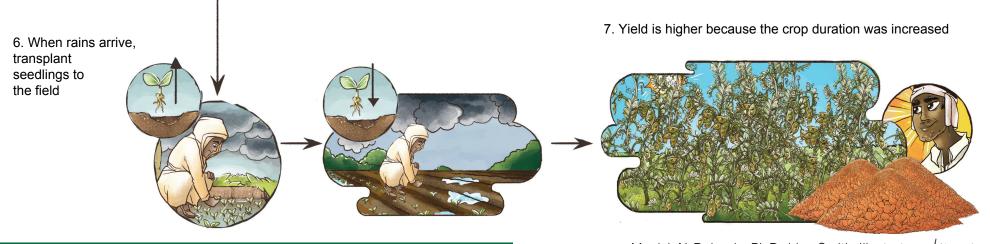


practice is to sow millet

seeds after first rainfall

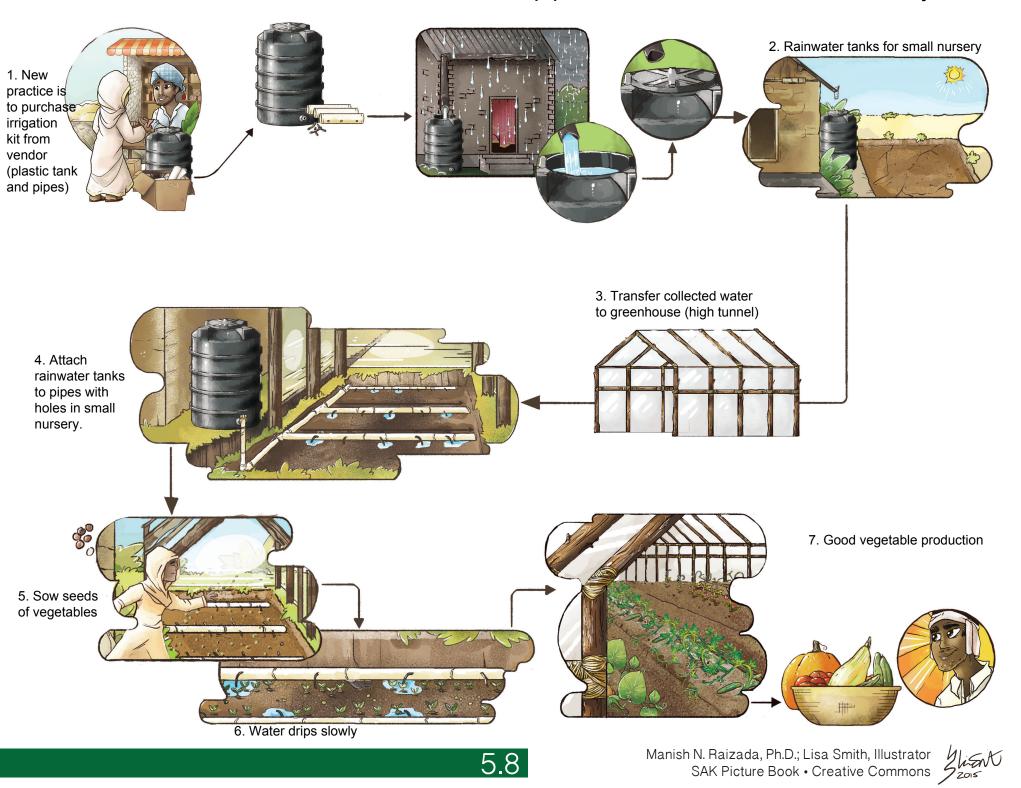
3. New practice is to collect rain during rainy season.



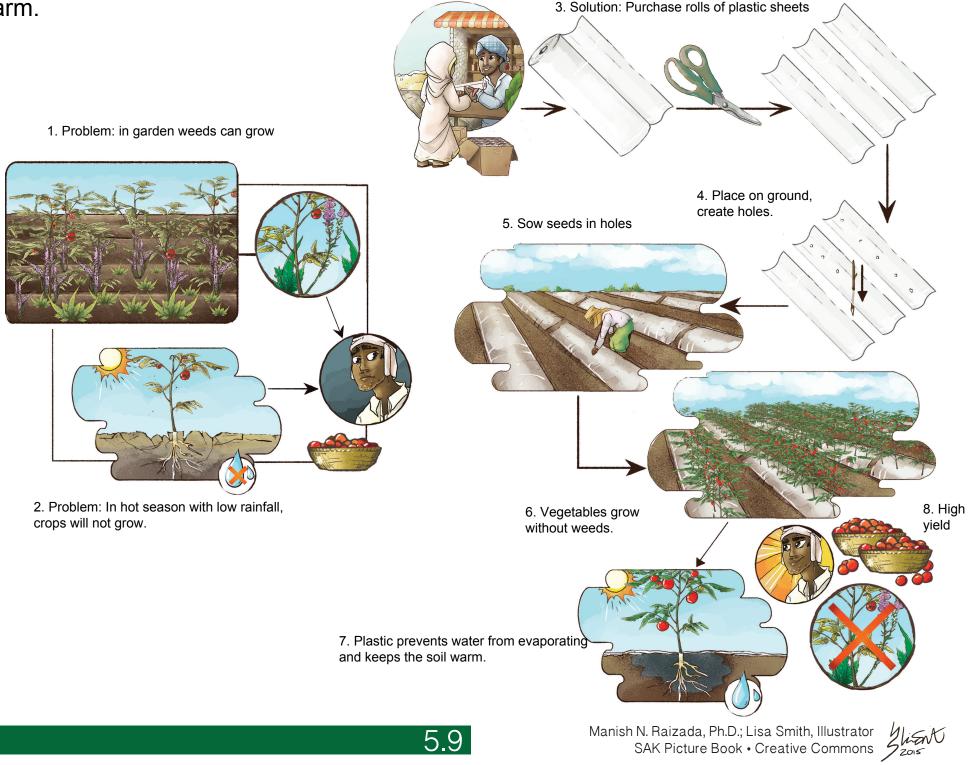


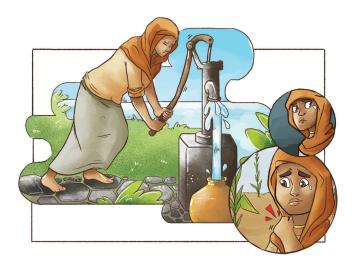
5.7

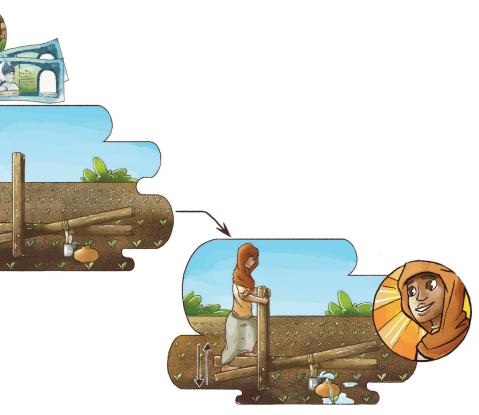
Lesson: Collected rainwater can be connected to pipes with holes to feed water directly to roots

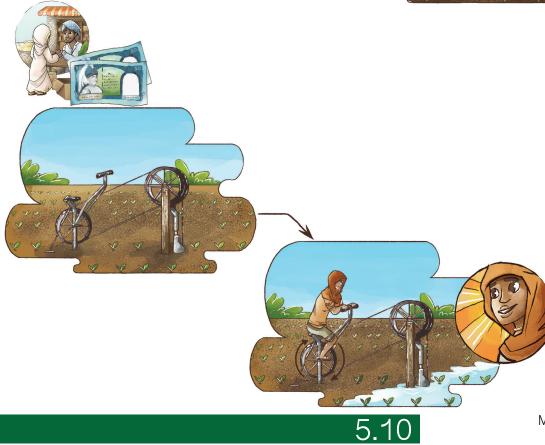


Lesson: Use plastic mulch to suppress weeds in the garden, prevent water loss and keep soil warm. 3. Solution: Purchase rolls of plastic sheets









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