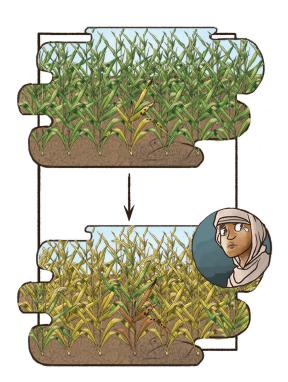
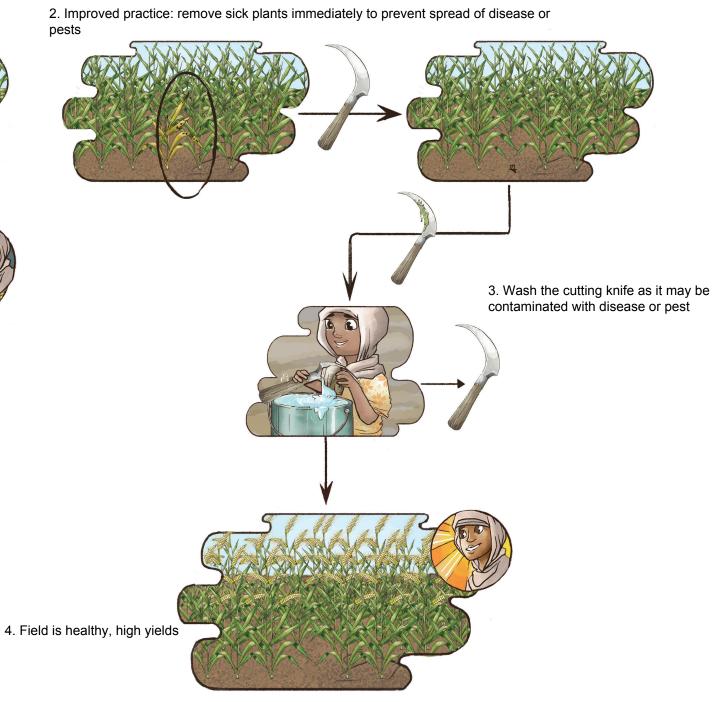


Lesson: Constantly visual inspect fields for sick plants and remove them in order to improve the health of the field



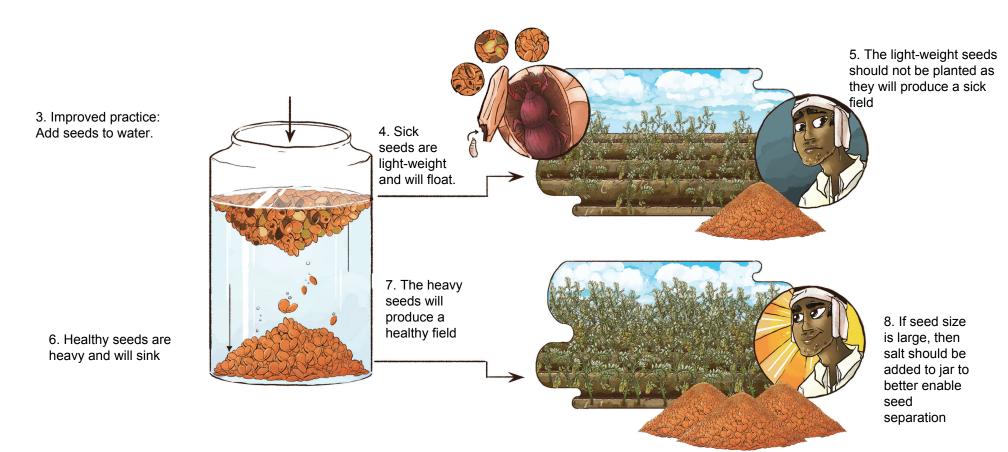
1. Traditional practice: sick plants are allowed to remain in field. Many plants become sick, low yields



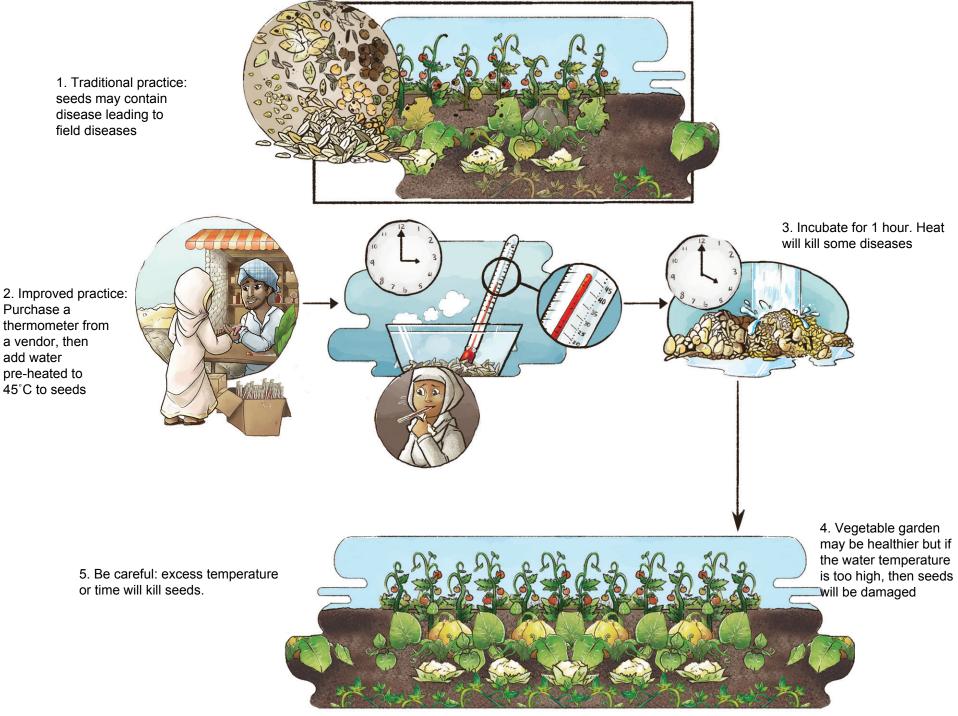
Lesson: Before sowing seeds, use a magnifying glass/sheet to help remove seeds with disease or pests 1. Seeds for sowing may have small spots or damage due to insects or mold 3. Separate unspotted, undamaged seed 2. Purchase magnifying glass/sheet from vendor 4. Sow health seed only Manish N. Raizada, Ph.D.; Lisa Smith, Illustrator SAK Picture Book • Creative Commons

Lesson: Healthy seeds can be easily separated from sick seeds prior to sowing using water

floatation 1. Traditional practice: seeds with small disease spots or containing small insects may be missed, and sown in field 2. Field will be sick, low yields

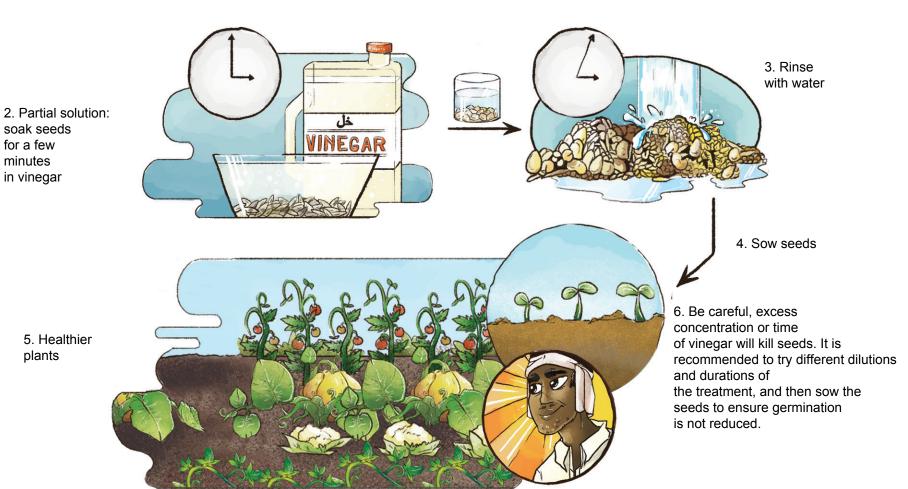


Lesson: Gently heat treating vegetable seeds prior to sowing can reduce crop disease



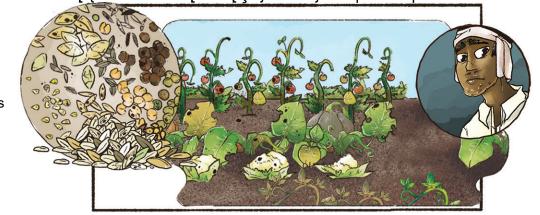
Lesson: Instead of spraying chemical pesticide or biopesticide in the field, it is less expensive and less labour to initially remove pests and disease from seeds before sowing, using vinegar.

1. Problem: vegetables damaged by pests and disease



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1. Problem: vegetables damaged by pests and disease



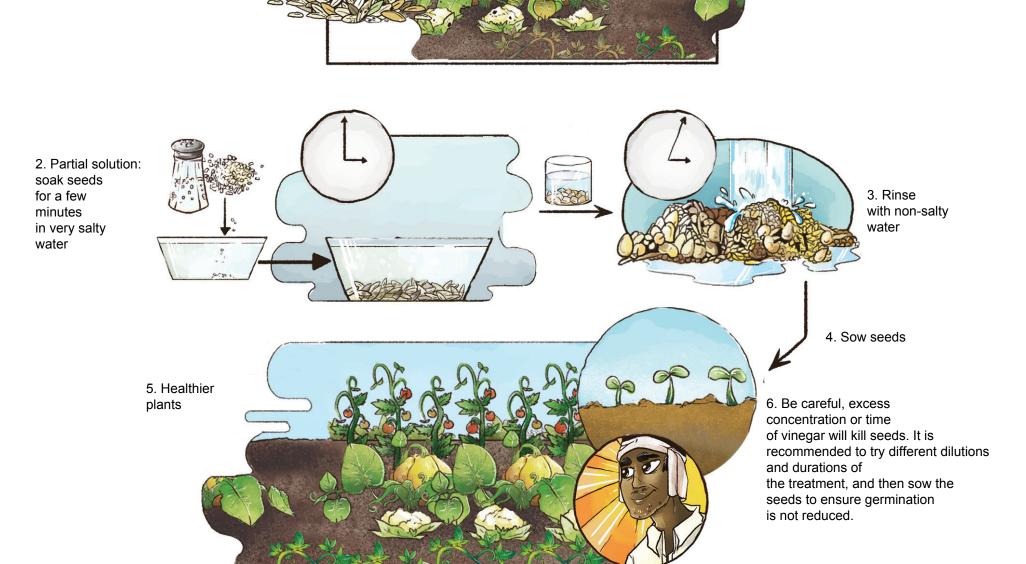
2. Partial solution: مادة التقصير BLEACH 3. Rinse soak seeds with water for a few minutes in diluted bleach 4. Sow seeds 5. Be careful, excess concentration or time of vinegar will kill seeds. It is recommended to try different dilutions and durations of the treatment, and then sow the seeds to ensure germination is not reduced.

7.6b

Lesson: Instead of spraying chemical pesticide or biopesticide in the field, it is less expensive and less

labour to initially remove pests and disease from seeds before sowing, using salty water.

1. Problem: vegetables damaged by pests and disease



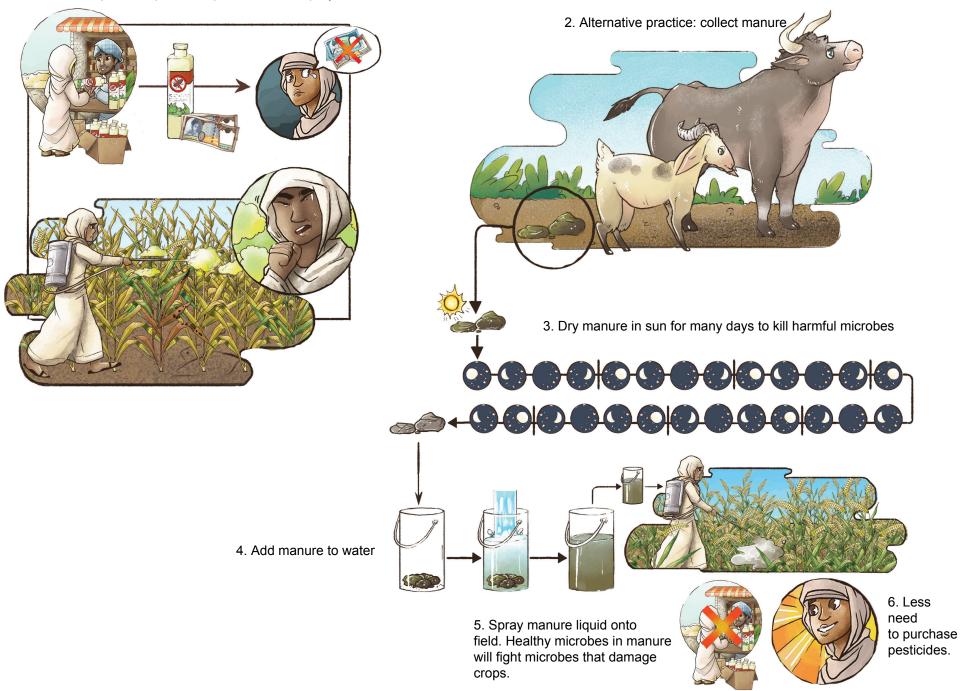
Lesson: Instead of spraying chemical pesticide or biopesticide in the field, it is less expensive and less labour to coat seeds with these chemicals before sowing

2. Improved practice: soak seeds in pesticide prior to sowing 1. Traditional practice

3. Less spraying in the field

Lesson: Manure that is soaked in water can be sprayed onto crops to fight crop disease

1. Traditional practice: purchase pesticides and spray onto field



Lesson: Manure soaked in water can be added to seeds before sowing to fight crop disease

