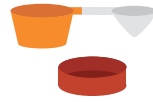
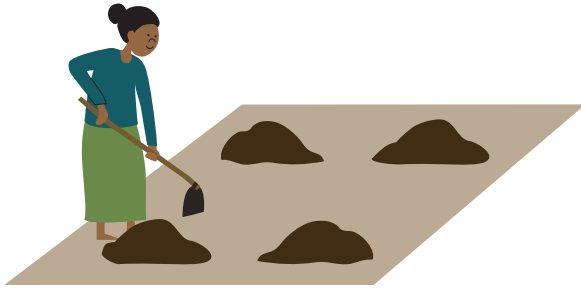


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- Apply compost that is well decomposed
- 4 basins per are
 - It is not good to apply mineral fertilizers only
 - Fill holes or furrows about half full with compost



- Use TUBURA planting tools
- Planting string and planting scoops
 - This helps with accurate fertilizer dosage



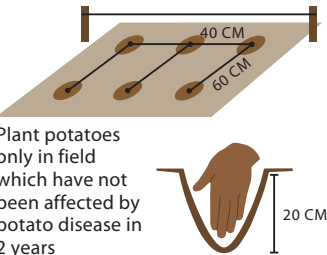
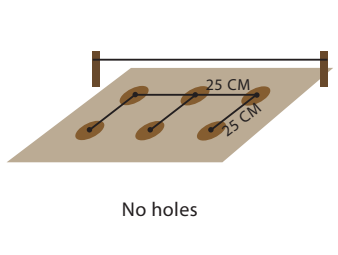
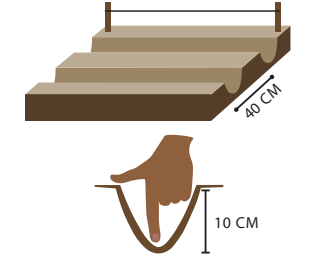
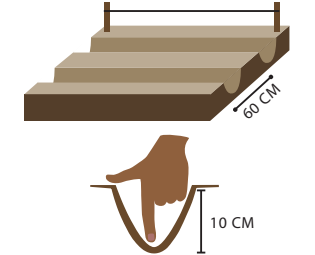
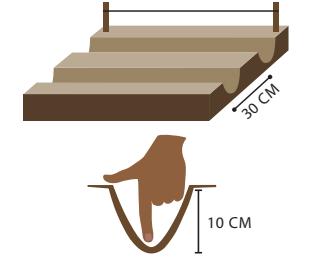
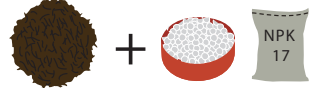

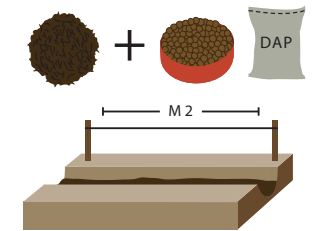
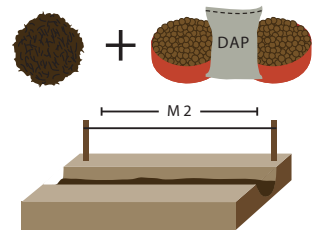
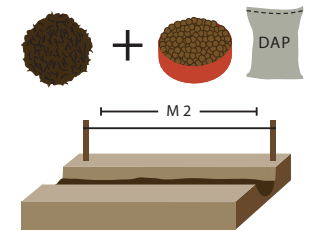
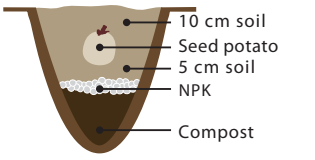
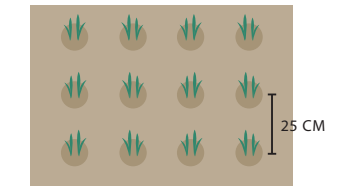
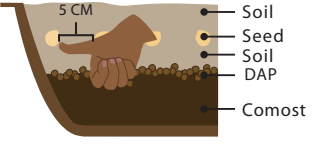
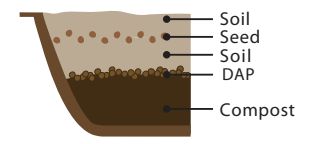
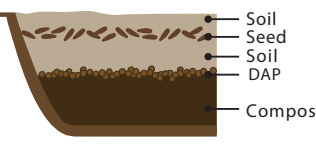



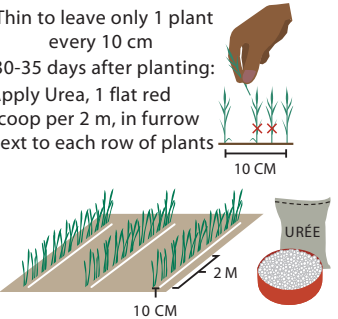
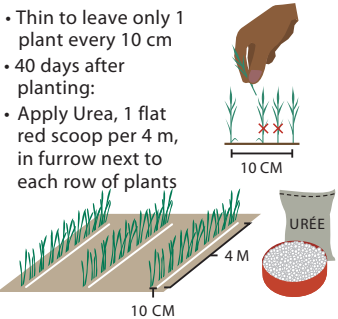
- Plant high quality seed
- Save from healthy plants only or buy from a trusted supplier
 - Do not plant seed that is old or has visible damage



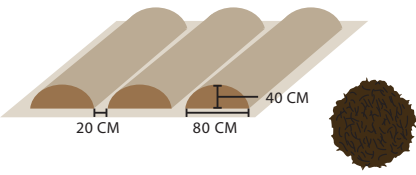
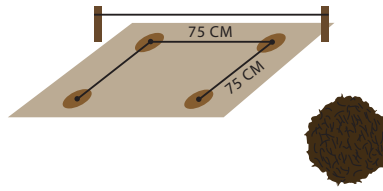
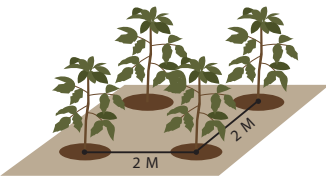
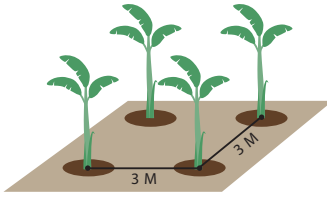
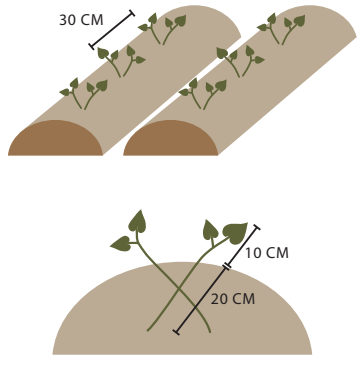
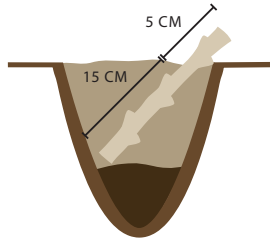



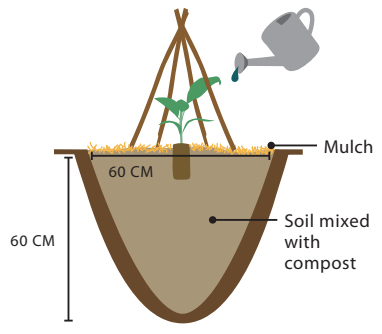
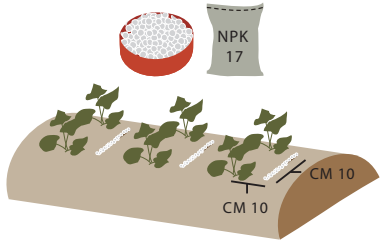
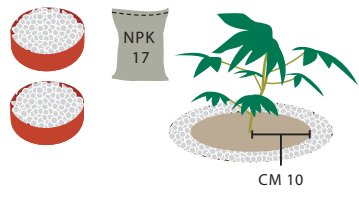
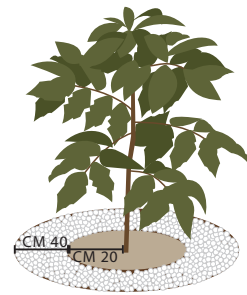
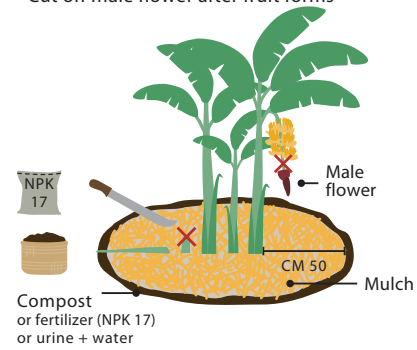
- Use travertine
- Use 15 kg/are (1 kg = "mironko" bowl)
 - It is especially important in high altitude areas
 - Incorporate in the top 20 cm of soil with a hoe

STEPS	MAIZE	BEANS: IN FURROWS	BEANS: IN HOLES
1. Prepare the land with proper spacing by using string	<p>In low rainfall areas use wider spacing, 50-60 cm between holes**</p>		
2. Dig holes to the correct depth and apply compost			
3. Apply fertilizer	<p>1 heaped orange scoop or one flat Fanta cap per hole</p>	<p>1 heaped red cap per 2 m</p>	<p>1 heaped white scoop or a pinch with two fingers</p>
4. Cover with soil			
5. Sow seed and cover with soil			
6. Do good follow-up	<p>Apply urea when the maize plants have 6 large, open leaves</p>	<p>Apply stakes 3 weeks after planting</p>	<p>Apply stakes 3 weeks after planting</p>

DAP: The effect will be much smaller on bush beans, we recommend for climbing beans only.

STEP	POTATO	RICE	SOYBEAN	SORGHUM	WHEAT
<p>1. Dig holes with the correct spacing and depth</p>	 <p>Plant potatoes only in field which have not been affected by potato disease in 2 years</p>	 <p>No holes</p>			
<p>2. Apply compost and fertilizer</p>	<ul style="list-style-type: none"> • Compost • 1 flat red scoop of NPK 17 per hole • Cover NPK with soil 	<ul style="list-style-type: none"> • Plant rice in nursery 1-2 months before planting in the field • Mix compost with the soil in the field 	<ul style="list-style-type: none"> • Compost • 1 heaped red scoop of DAP per 2 m • Cover DAP with soil 	<ul style="list-style-type: none"> • Compost • 2 flat red scoops per 2 m • Cover DAP with soil 	<ul style="list-style-type: none"> • 1 flat red scoop of DAP per 2 m 
<p>3. Plant seeds and cover with soil</p>					
<p>4. Do proper follow-up</p>	<ul style="list-style-type: none"> • Uproot plants affected by bacterial wilt • Control mildew by spraying with Dithane (150 g mix with water, every 1-2 weeks) 	<ul style="list-style-type: none"> 2 weeks after transplanting: Broadcast 2 kg/are NPK 17 At second weeding: broadcast half (0.5 kg/are) Urea At third weeding: broadcast half (0.5 kg/are) Urea 	<p>Control weeds regularly</p> 	<ul style="list-style-type: none"> • Thin to leave only 1 plant every 10 cm • 30-35 days after planting: Apply Urea, 1 flat red scoop per 2 m, in furrow next to each row of plants 	<ul style="list-style-type: none"> • Thin to leave only 1 plant every 10 cm • 40 days after planting: Apply Urea, 1 flat red scoop per 4 m, in furrow next to each row of plants 



STEP	SWEET POTATO	CASSAVA	COFFEE	BANANA
<p>1. Prepare land using correct spacing, using planting string, and apply compost</p>	<p>Form raised bands while incorporating compost</p> 		<p>Plant with 2 m x 2 m spacing and mulch</p> 	<p>Plant with 3 m x 3 m spacing and mulch</p> 
<p>2. Plant cuttings or plants and cover with soil</p>	<ul style="list-style-type: none"> Plant 30 cm long cuttings, leaving 10 cm above the soil Plant 2 cuttings every 30 cm 	<p>Plant cuttings of 20-25 cm in length</p> 	<p>In August or September:</p> <ul style="list-style-type: none"> Apply lime (travertine), 1-3 salsa cups per tree depending on the district  <p>In October:</p> <ul style="list-style-type: none"> Apply 1 flat salsa cup NPK 22 per tree  <p>In February or Marche:</p> <ul style="list-style-type: none"> Apply 1 1/2 salsa cups NPK 17 per tree 	<ul style="list-style-type: none"> Dig holes and refill with good soil mixed with compost Build protective structure of sticks for shade 
<p>3. Do good follow-up</p>	<p>1 month after planting:</p> <ul style="list-style-type: none"> Dig a small hole 5 cm deep, 10 cm long about 10 cm away from every pair of sweet potato plants Apply 1 flat red cap of NPK to this hole and cover with soil 	<p>1 month after planting:</p> <ul style="list-style-type: none"> Dig a small circle 5 cm deep with a radius of 10 cm around every plant In each circle apply 2 flat red caps of NPK and cover with soil 	<p>For all fertilizers:</p> <ul style="list-style-type: none"> Apply in a circle with a 20 cm radius around the tree Mix into the top soil in a 40 cm band, 2 cm deep 	<ul style="list-style-type: none"> Always cut back banana shoots to no more than 3 per mat Cut off male flower after fruit forms 



STEP	CABBAGE/TOMATO	ONION	EGGPLANT	PEPPER (HOT OR SWEET)	CARROT
1. Prepare nursery					<p>Plant directly into the field, no need for a nursery</p>
2. Use proper spacing and apply compost	<ul style="list-style-type: none"> Apply compost into holes 	<ul style="list-style-type: none"> Broadcast and incorporate compost across the field 	<ul style="list-style-type: none"> Apply compost into holes 	<ul style="list-style-type: none"> Apply compost into holes 	<ul style="list-style-type: none"> Mix compost into the soil while making raised bands, or apply directly into the furrows Make bands 120 cm wide In each band dig furrows every 30 cm Broadcast seed into the furrows Cover with soil
3. Transplant seedlings to the field, or sow directly	<p>After around 3 weeks in nursery:</p> <p>Mulch Compost</p>	<p>After around 6 weeks in nursery:</p> <p>Mulch Compost</p>	<p>After around 2 weeks in nursery:</p> <p>Mulch Compost</p>	<p>After around 2 weeks in nursery:</p> <p>Mulch Compost</p>	<p>Cover with mulch until the seeds germinate</p>
4. Do proper follow-up	<p>At first weeding:</p> <ul style="list-style-type: none"> Apply 1 flat red cap of NPK 17 per plant, in a circle Cover with soil 	<p>At second weeding:</p> <ul style="list-style-type: none"> Apply 1 flat cap of NPK 17 every 2 m of furrow, next to each row of plants Cover with soil 	<p>At first weeding:</p> <ul style="list-style-type: none"> Apply 2 flat red caps of NPK 17 per plant, in a circle Cover with soil 	<p>At first weeding:</p> <ul style="list-style-type: none"> Apply 1 flat red cap of NPK 17 per plant, in a circle Cover with soil 	<p>Thin the plants after germination to leave only 1 plant every 5 cm</p>

