



Raised beds for onions. (Paul Kahiga (62000-00200 Nairobi))

Raised Beds for Onions ()

Raised Beds for Onions

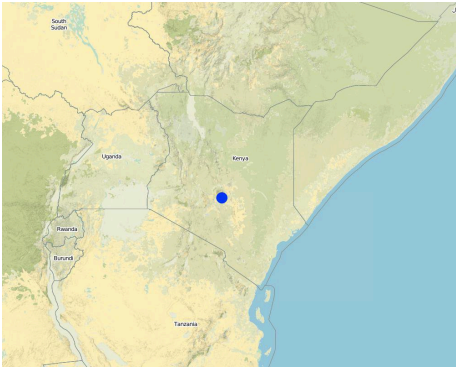
These are raised beds measuring one meter in width and 15 cm high used for planting onions after transplanting.

Raised beds are popular among gardeners with limited space or poor naturally occurring soils. Remember that onions are shallow-rooted, but the majority of the roots are intensely located within 8" of the plant. If you were to plant the lines of the bed closer than 8" it would double the competition for nutrients within that area.

Purpose of the Technology: The main purpose of constructing the raised beds for onions is to ease operation as. e.g watering and weeding. To conserve moisture through reduced water losses. To increase yield through increased planting space. Keeps roots away from contaminated soil. Raised beds for onions are good for disabled or elderly gardeners. The beds are neat, they leads to improved soil structure. It also keeps roots from getting waterlogged in a wet climate.

Establishment / maintenance activities and inputs: The land is fist cultivated the soil clod are broken to attain fine tilth. Mulching is done where the beds width is 1m and path of 1ft is done. soil from the foot paths is scooped and placed on the 1m portion to develop raised beds.

Natural / human environment: In Embu county, most of the farmers construct a bed of 1m wide 4" high and a length equal to the land portion on this raised bed, onions are then planted in rows along the assumed contour.



: Embu District, Eastern Province,

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

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Young onions raised on the nursery before transplanting is done (Paul Kahiga (62000-00200 Nairobi))

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<ul style="list-style-type: none">SLMRaised beds for improved production	 	SLM - A3: - S2:
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Thermal climate class: tropics

☐ < 250
☐ 251-500
☐ 501-750
☐ 751-1,000
☒ 1,001-1,500
☐ 1,501-2,000
☐ 2,001-3,000
☐ 3,001-4,000
☐ > 4,000

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☐ (0-2%)
☒ (3-5%)
☐ (6-10%)
☐ (11-15%)
☐ (16-30%)
☐ (31-60%)
☐ (>60%)

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☐ 0-100
☐ 101-500
☐ 501-1,000
☐ 1,001-1,500
☒ 1,501-2,000
☐ 2,001-2,500
☐ 2,501-3,000
☐ 3,001-4,000
☐ > 4,000

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☐ (0-20%)
☐ (21-50%)
☐ (51-80%)
☒ (81-120%)
☐ (> 120%)

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☐ (> 20%)
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☐ ()

☐ (>3%)
☒ (1-3%)
☐ (<1%)

☐ < 5
☒ 5-50
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☒ 10%
☐ 10-50%
☐ 50%

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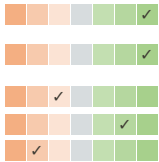
☐ < 0.5
☒ 0.5-1
☐ 1-2
☐ 2-5
☐ 5-15
☐ 15-50
☐ 50-100
☐ 100-500
☐ 500-1,000
☐ 1,000-10,000

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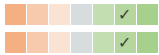
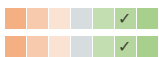
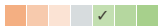
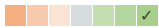
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SLM /

Improved livelihoods and human well-being

decreased increased



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1-10%
11-50%
> 50%

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0-10%
11-50%
51-90%
91-100%

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- Reduce flooding on the fields
- Increases crop productivity hence more yields
- Reduces crop prone diseases to onions

- Its a beat tedious because of raising the soils to form beds Care should be taken to construct standard beds that can with proper drainage channels to safely evacuate run-off water
- During heavy storms, they may collapse

- May prevent movement of machinery in the farm



Editors			
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https://qcat.wocat.net/km/wocat/technologies/view/technologies_1324/

SLM

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