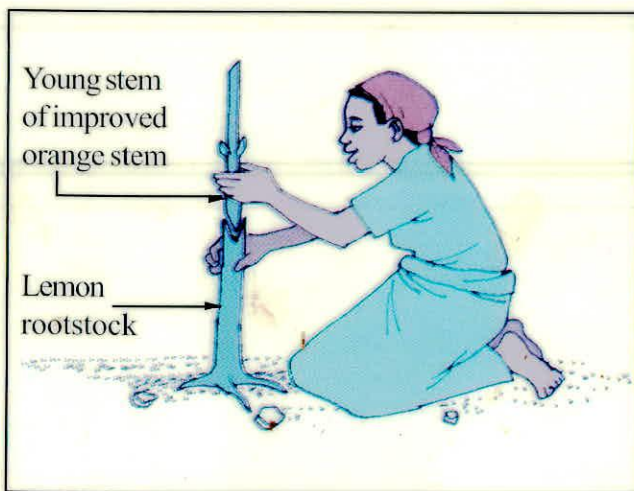




Grafting

Budding:

Budding is done by cutting off a lemon bud. The young orange stem is then inserted into the lemon cut bud and tied.

Field preparation:

Prepare the field, remove all perennial weeds and allow trash to rot.

Dig holes spaced at 6 x 6m, 60 cm deep and 1 m wide, Fill the holes with manure mixed with topsoil.

transplant potted grafted seedlings at the beginning of the rains, that is March – June, for first rains and August – September for second rains.

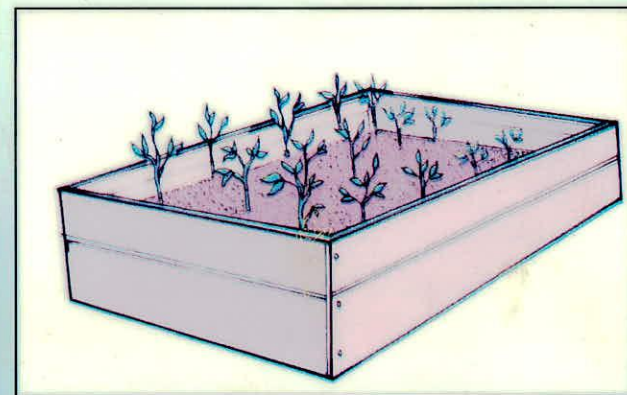
Water the plants in the morning and evening depending on availability of rain until they are established.



For more information contact:

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RAISING CITRUS ROOT STOCK



Rough lemon seedlings



April 2003

Introduction:

Improved citrus varieties are not resistant to soil borne pests and diseases. However, they can be successfully grown if grafted on resistant rootstocks like rough lemon.

Advantages of using rough lemon:

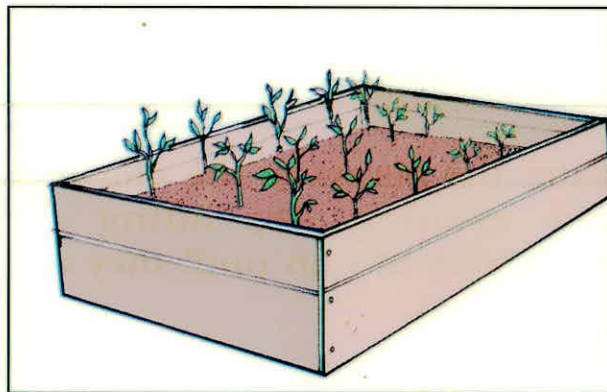
Rough lemon is quick growing, drought resistant, shortens maturity period and is resistant to pests and diseases.

Seed Selection:

Choose ripe rough lemon fruits free from pests and diseases. Extract seeds from the fruits. Select well-formed seeds and dry them under shed for 2 -3 days.

Planting:

Plant seeds in a box filled with a mixture of soil, manure and sand. Provide moisture, warmth and free air movement.



A box containing Rough lemon seedlings

Sow the seeds thinly in rows in the soil mixture. The seeds normally take two weeks to germinate.

Transplanting in poly pots:

One month after germination, transplant strong and healthy looking seedlings into poly pots. Fill poly pots with sand, followed by rotten saw dust and topsoil mixed with compost. The poly pot should have holes at the bottom and to sides improve drainage.



A polypot

Grafting:

During grafting we have budding where by the lemon and orange plants are joined together and tied. The lemon bud is cut to create space for fixing the young orange stems of the improved variety. The grafting can be done using the Valencia and Washington navel on to the lemon and tangerine rootstock.