

MANUAL BLONG GRAFTEM MO MARETEM OL CITRUS TREES

**Blong Adapt long
Climate Change long Vanuatu**



Vanuatu Department of Agriculture and Rural Development (DARD) &
SPC-GIZ Coping with Climate Change in the Pacific Island Region (CCCPIR_

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Regional partners: SPC, SPREP and USP



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Grafting lo Aranis blong Adapt long Climate Change lo vanuatu

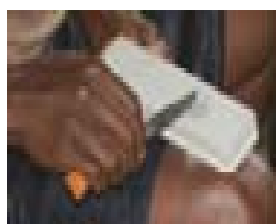
Grafting hemi name we ol farmer oli usum blo maretemem ol trees. Yu save mekem grafting sapos trees oli kam out lo same family group trees. Exampol, yu save graftem ol aranis, pamplemus, mo lemon. Climate change I mekem se plante hud blong yumi oli stap kasem ol niufala sik mo oli stap ded. Olsem grafting I save helpem yu blong maretem ol strong hud blong oli nomo ded.

Plante taem yumi planem seeds blong fruit tree mo stap weit longfala taem bifo hemi givim frut. Be grafting hemi wei blong mekem se fruit tri oli berem gudfala fruit mo bigwan olsem we yu wantem.

Yumi must stat blong mekem grafting or maretem ol aranis blo yumi now from climate I stap change bigwan now. DARD, SPC mo GIZ oli stap wok naoia lo Tanna mo Aniwa blong usum grafting blong adresem climate change we I stap spoilem ol aranis blong olgeta.

OI Materials blong Mekem Grafting/Maretem Aranis

- > Grafting Knife
- > Grafting cutter for pruning
- > Grafting Tape
- > Stone file
- > Han blong aranis we yu wantem kat frut blong hem
- > Stampa blong nara aranis, lemon, pamplemus we bae yu usum rus blong hem.



Hao blo Mekem Grafting:

- A. Mekem nerseri blong ol seedings blo aranis (5-6 months)



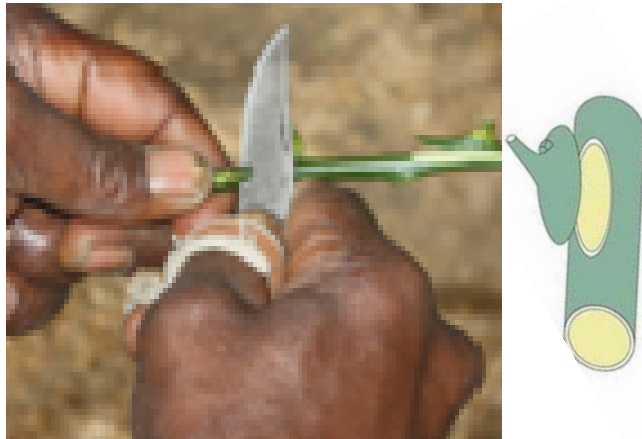
- B. Plantem igo long ol plastic bag (3-4 months)
- C. Mekem pruning long ol smol aranis. I minim se yu mas karem aot ol hand we oli kam aot lo saed stampa.



- D. Redi wetem ol han blong nara aranis (o lemon/ pamplemus) we bae yu maretem.



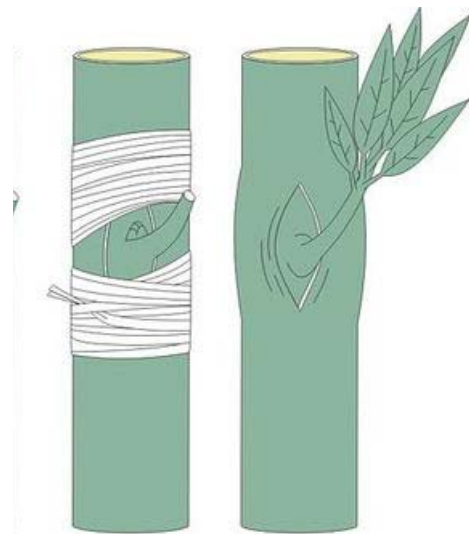
E. Katem aot ol bud (tut) blong aranis we bae yu grafting I ko long stampa blong narawan. Taem yu katemaot bud, yu katem antap long bud kasem I ko daon 2cm andanit long bud.



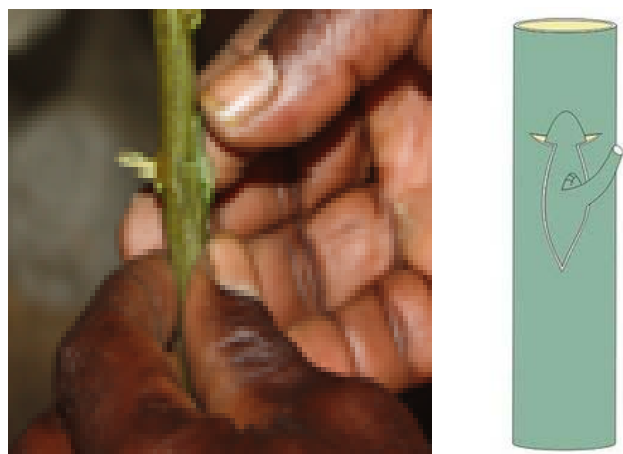
H. Skotjem round lo ples we yu draonem bud wetem grafting tape mo taetem I strong gud. Lego I stap kasem wan ful manis (30 deis), afta yu save karem aot scotch. Jekem sapos bud mo han blong seedling tufala I joen tugeta mo stat blo mekem newfala shoot finis.



F. Katem side blong stampa orange long T-shape. I minim se yu katem wan smol line ap mo daon, afta yu mekem wan nara cut across blong mekem T shape



G. Naoia bae yu tekem smol pis bud we yu karem laot ong niufala arias mo draonem I ko insaed long stampa we yu katem lo T shape.



Rimemba:

- Yu save mekem grafting lo sem famili tri nomo. Exampol, yu save mixim aranis, lemon mo pamlemus. Be yu no save mixim ol nara kaen trees.
- Afta long grafting, bae yu kat stampa blong wan tri be fruit long nara wan. Exampol, yu save kat rus mo stampa blong lemon, bae bae yu save grafterm aranis I ko long hem blong frut I kamaot aranis!
- No mekem grafting lo taem blo rain sisen, sun day hemie stret taem blo mekem wan gud healthy tree out lo grafting.
- Yu mas tingting hevi long taem we yu stat blong mekem grafting, fromse sapos yu no fokas, bae yu save spoilem tree blo yu.
- Blo katem t-shape/bud yu mas filem knife blo yu I sharp oltaem.
- Taem yu redi blong plantem ol tri we yu grafterm, spacing blong aranis hemi sud be 6m



GIZ is a federally-owned enterprise that supports the German government in the field of international development cooperation. For more than 30 years, GIZ has been cooperating with Pacific Island partners in strengthening the capacity of people and institutions to improve the lives of communities for this generation and generations to come. GIZ is an implementing agency providing support through technical cooperation to balance economic, social and ecological interests through multi-stakeholder dialogue, participation and collaboration.

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