

MANUAL BLONG USUM VETIVER GRASS BLONG EROSION CONTROL

**Blong Adapt long
Climat Jenis long Vanuatu**



Vanuatu Department of Agriculture and Rural Development (DARD) &
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Hao Bae Vetiver Grass ia Help blong Adapt long Climat jenis?

Climat jenj I stap afektem Vanuatu bigwan naoia. Ol jenj long ren mo tempreja I save spoilem ol graon mo laef blong yumi. Climat jenis tu I stap bringim ol strongfala rain taem we I save wasem aot graon, mo sea level rise we I stap kaikai ol coastal erias blong yumi.

Gavmen blong Vanuatu I stap traem faenem ol wei blong helpem ol pipol blong oli save laef wetem ol jenj ia. Long preventem erodin I kat plante samting we ol komuniti oli save mekem blong adapt long climat jenis.

wan main use blong vetiver hemi blong controlem erodin lo graon blong yumi, hemi minim se grass ia I save holem taet graon long taem blong ren blong soil ino save kamaot. Vetiver I stap katem daon powa blong ol flood.

Ol Materials Needed Blong Planem Vetiver Grass

- > Bus Knife
- > Spade/Shovel
- > Crowbar
- > Stampa blong Vetiver Grass



wan mo gud samting long em se spose wan hill side I dry tumas we ol tree o grass ino save grow long em, yu save planem vetiver grass long em blong bringim graon I moa gud. Vetiver grass I holem taet graon mo I mekem ground I rich taem I holem tid ol toti we rain i takem I kam.

Vetiver I save gro long eni ples antap long bus, long swamp mo tu long sanbij!

Vetiver exampol long Aneityum:

Long Aneityum lo 1980s kam kasem 1997, place blong olgeta I olsem desert mo solwota blong olgeta I stap toti ol-taem from graon I wasaot long bus I ko daon long solwota.

Dipatment blong Forestri I bin promotem vetiver grass olsem erosion solusen. Naoia Aneityum ikam gud wetem klin solwota we tourists I wantem ko luk everyday especially ol cruise ship mo turis bot. Graon I nomo was away long taem blong bigfala ren!



Hao blong Kolektem Vetiver Grass

1. Digim aot lo wan mama stampa. Usum kroba mo bush knife taem we yu sta mekem wok ia.



2. After we yu digem aot full stampa, katem aot ol leaf blong em (livim 30-40 cm nomo) mo tu ol roots blem (livim 10-15 cm nomo).



3. Nao yu redi blong transportem vetiver I ko long ples we bae yu controlem erodin. Vetiver I save laef 1-2 wik sapos yu kipim ol stampa I kolkol mo wetwet smol.



4. Katem stampa I ko long ol smol smol pieces. Risen from wan stampa I save kat fulap sut. Blong planem yu nidm wan wan sut nomo.



5. Bifo yu planem long ples we bae yu controlem erodin long hem, I gud blong planem vetiver long wan nursery festaem. Nurseri hemi wan ples we hemi protected smol blong animol, food mo wind I no save spoilem ol sut.



Taem we ol sut oli strong smol, yu save tekem aot long nurseri mo putum long ples we bae yu controlem erodin!!

Planem aot Vetiver

Step 1: Rimuvum grin sut mo rus blong hem lo nurseri eria; digim graon raon lo saed saed blo plant mo pulumaot sloslo wetem rus mo leko graon we istak lo roots istap

Step 2: Mekem roots I wetwet bifo yu planem sut

Step 3: Planem ol gras blong yu long wan spesing blong blo 20 cm, mo planem long wan hol we hemi 20cm dip.

Lukim ol Risal:-Ol foto ia oli showem se vetiver grass I stap mekem wan gudfala work long graon blong Vanuatu finis. Hemia wan gudfala photo we oli takem long Anietyum since we vetiver I jenjem graon blong kam wan forest o gud blong mekem karen. FSA Projek. (D. Miller)

1980s

1990s



1997

2010



2012

2013 (Naolia)



Wea blong Planem Vetiver?

1. Planem vetiver grass long side blong hill, long ol ples we inogat tumas tri long em.



4. Planem long side side blong rod blong mekem se wota I no spoilem ol rod mo drainage



2. Planem long side blong ol stip slope o clif we yu no wantem se graon I stap lus long hem

3. Planem long saed blong solwota blong stopem erosion, blong no letem graon I mekem solwota I toti. Mo blong holem taet sand beach.

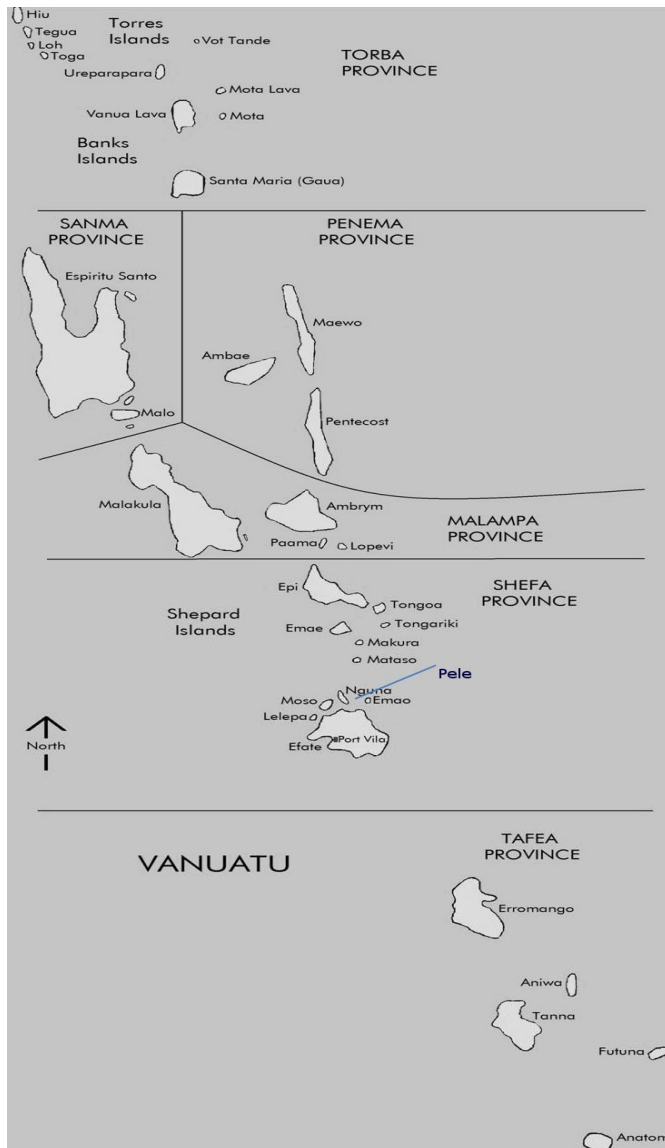


5. Planem long ol ples we yu luk se graon I poor lem blong I save mekem gud graon blong yu blong mekem karen.



6. Planem raonem yard blong yu long stopem rain wota blong no ko inside long haos blong yu.





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