



MAZINGIRA BORA

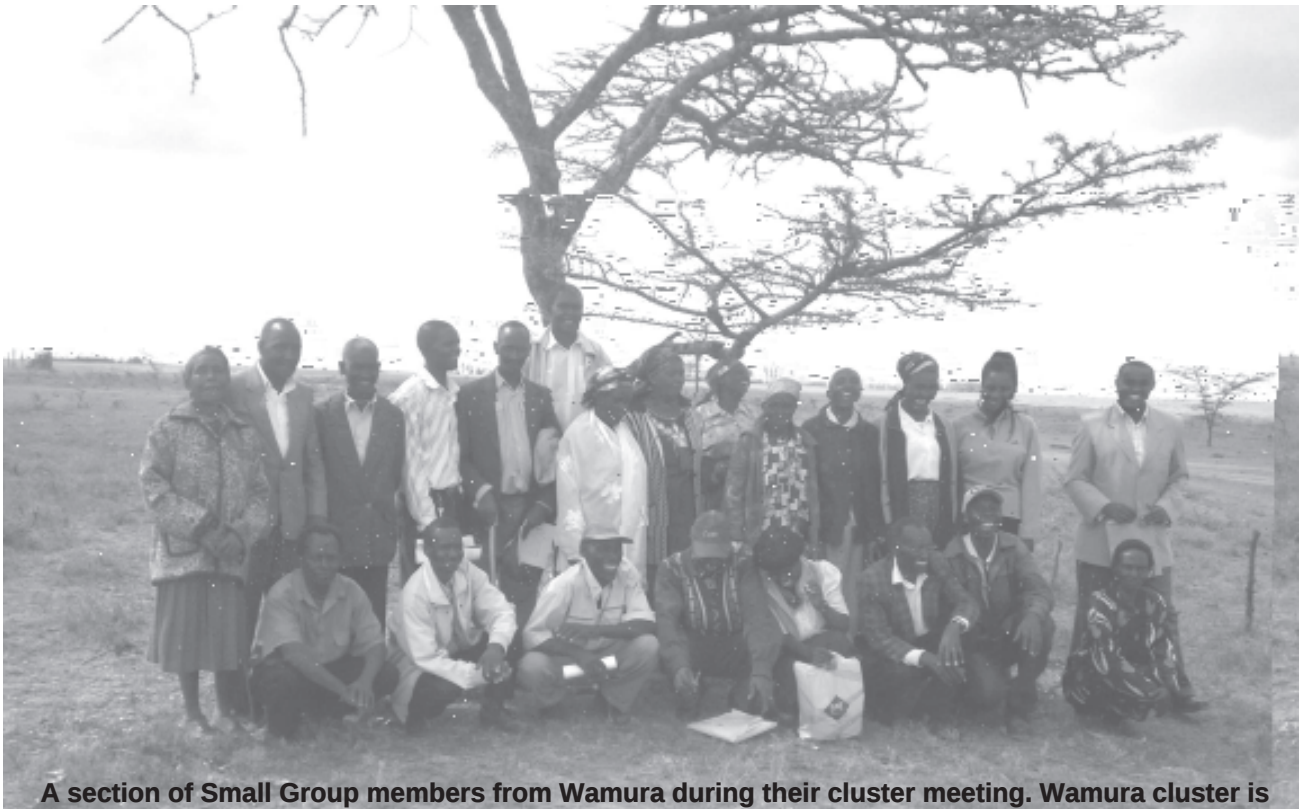
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ENGLISH VERSION

The International Small Group and Tree Planting Program (TIST)



A section of Small Group members from Wamura during their cluster meeting. Wamura cluster is under Wiyumiririe TSE.

Editorial

collection and preparation practices seed ree nursery best

eucalyptus trees not to plant

Wiyumiririe TSE, Laikipia West TSE,
Nyahururu TSE, Timau TSE, Imenti North TSE and
Kirinyaga TSE.

payments through the M-PESA system

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P.O Box 1508 Nanyuki, Kenya

Tel: 0724 - 255 369



Seed collection.

1. Which tree species should we grow in our area?

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2. Are all trees good?

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3. Do trees produce seeds every year?

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4. Which is a good mother tree to collect seeds from?

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wildlings

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7. How can we tell if the seed is good?

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5. When do we collect the seeds?

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8. Do we plant or store the seeds?

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6. How do we collect the seeds?

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Seedbed Preparation

Seed sowing

9. Do all seeds germinate?

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10. What kind of pre-treatment might be needed?

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Seedbeds

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A. Use

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B. Preparation

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11. How do we plant the seeds?

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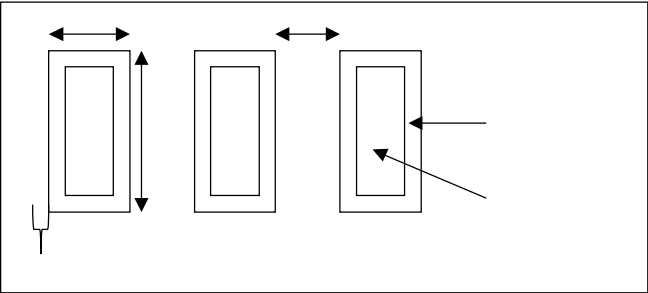
12. Do seedlings grow only from seeds?

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- Arrange the seedlings according to species so that it will be easier for Quantifiers to record data by species.
New best practice: Raised pot beds
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Pot-bed Preparation



Pot beds
A. Use



B. Preparation

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- -
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Good Trees for TIST

Alternatives to Eucalyptus

Indigenous trees

a. Prunus Africana

Uses

b Peacock Flower (,



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Uses:

(

Exotic trees.

Grevillea robusta (Silky Oak, Kikuyu: Mukima)

Ecology

Seeds

Uses

c. *Olea Africana*

Cyprus (*Cupressus lusitanica*, Kikuyu: mutarakwa, muthithinda)

Uses:

Uses

d. Waterberry



Matanya cluster members receiving their tree payments through M-PESA system recently.

Uses:



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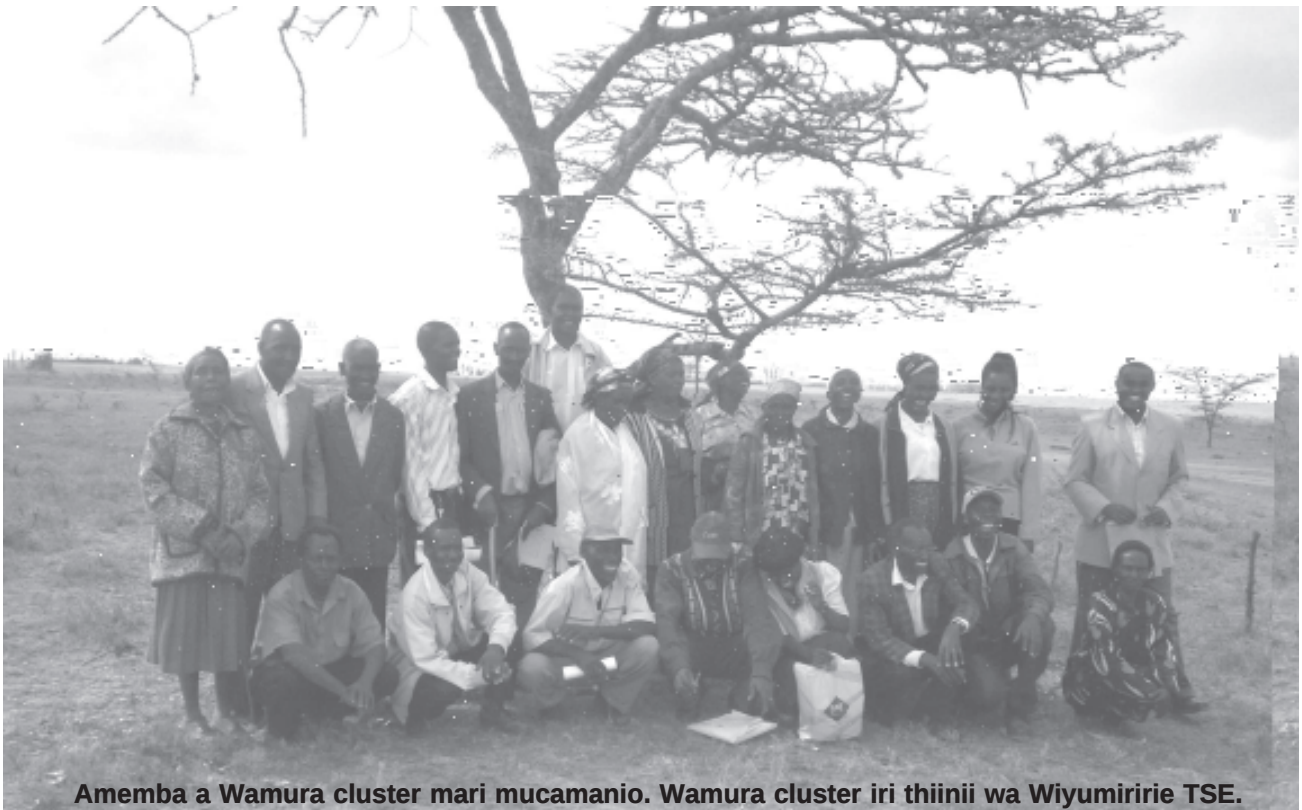
Ngatheti ya mweri wa July 2008

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Amemba a Wamura cluster mari mucamano. Wamura cluster iri thiinii wa Wiyumiririe TSE.

Tabarira ya Mwandiki.

Ruhonge rwa TIST ruria ruthondekaga ngatheti ino ni rwamukirite mahoya kuma kuri arimi makienda mataririo makiria iguru ria unganina wa mbegu na uhariria, na umenyerezi mwega wa tuta. Turi ta ndungata njega cia ikundi nini ni tuthingatiti mahoya maya na ngathitini eno nituhutitie mahoya maya na njira ndikiru makiria.

Mwena ungi, ngatheti ino ya TIST no ihete kanya ikundi nini ciaririe iguru ria ikundi cia hamwe na uguni uria monete kumana na TIST. Niturachokia ngatho niundu wa ikundi iria irehete article cia cichabwo ngathetini ya TIST, nitugaciandika ngathetini ya mweri wa Kanana.

TIST Kenya ni irachokia ngatho niunduwa ikundi iria cianyitani-ire na ithui hari marihi kuhitukira M-Pesa. No turachokia ngatho niundu wa ikundi nini niundu wa umiriria wao hari urihi uyu twageragia kuhitukiwa njira njeru. Riu turi urihini wa gatatu na wamuicho na nituguka kahinda gataru haraya kumuriha.

TIST Kenya no irachokia ngatho nene muno kuri arutani, ikundi nini hamwe na Atari a miti niundu wa kuhariria michemano ya ikundi wega. Ngatho nyingi makiria.

Twina ngatho nene makiria kuri Utongoria wa matura niundu wa unyitaniri wao wa mwanya. Kwaria ma turi arutithani a wira hari uthii wa nambere.

No turachokia ngatho niundu wa unyitaniri uria twonirio ni amemba a ikundi nini a TSE riria twathi-ite kwionera uria mekaga. Niturachokia ngatho kuri Wiyumiririe TSE, Laikipia West TSE, Nyahururu TSE, Timau TSE, Imenti North TSE na Kirinyaga TSE. Nitukenene niundu wa wambiririas wanyu mwega. kwaria ma muri amemba ega ma a TIST. Tukurutithania wira hamwe nigetha tuingie matanya maitu.

TIST Kenya ni iratitiritha ati, ngatheti ino iriheaga ikundi nini kamweke gakuaririria hamwe na kumenya maundu meru. Nituroria ikundi nini machemanagie kaingi hamwe na guthiaga michemano ino ya oro mweri. Chanjamuka ugithoma ngatheti ino, na nituguthie nambere gukurehera maingi makiria matuku me guka.



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Ungania wa Mbegu.

1. Muthemba wa muti uria wagiri-ire gukurio gicigo kina?

2. Miti yothe ni miega?

3. Miti ni irutaga mbegu oromwaka?

4. Muti mwega wakuruta mbegu ni uriku?

6. Tunganagia mbegu atia?

7. Tungimenya atia ati mbegu ni njega?

5. Niri tunganagia mbegu?

8. Tuhande kana tuige mbegu icio?



12. Tumimera tukuraga kuma oro mbegu-ini?

Uhariria wa Mbegu.
Kuhanda.

9. Mbegu ciothe nicikuraga?

10. Ni kuhariririo kuriku kubatarikanaga?

Tuta.
A. Tuta Ihuthika nakii

B. Uhaririria.

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11. Tuhandaga mbegu atia?

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Itanda.

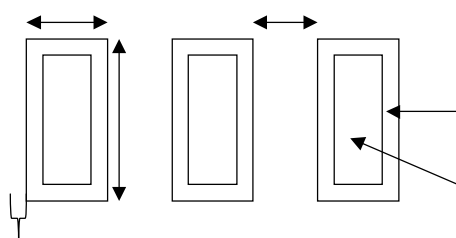




Fig 2: Mimera ya miti ya mithemba ihanditwo itandaini cirri iguru.

Indigenous trees

a. Prunus Africana



**Miti miega ya TIST.
Miti ingi handu ha Mibau.**

b. Peacock Flower (

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Mahuthiro: Ni matunda, njuki ni itumagira kugia guthondeka uki

Mahuthiro.: Njuki ihuthagira mahua guthondeka uki, ngu, mbao, ngamu, ndawa (Makoni ma matunda nima tumagirwo hari kunonia nda hamwe na maralia.). Kuguriria Tiri gukuo.

Exotic trees.

Grevillea robusta (Silky Oak, Kikuyu: Mukima)
Muti uyu ni ukuraga wega kundu kuingi kuri na riera mithemba.
mbegu

c. Olea Africana

Cyprus (Cupressus lusitanica, Kikuyu: mutarakwa, muthithinda)

: Niukoragwo namatunda
mathondekaga maguta oronakana makario.
Muti uyu no uri mahuti mega muno ma mahiu maku. No uhuthire muti uyu ta ngu, mbau, makara na no wikinye magego nagueo.

d. Waterberry



Arimi kuuma Matanya cluster makiamukira marihi mao ma miti kuhutikira njira ya M-PESA system.



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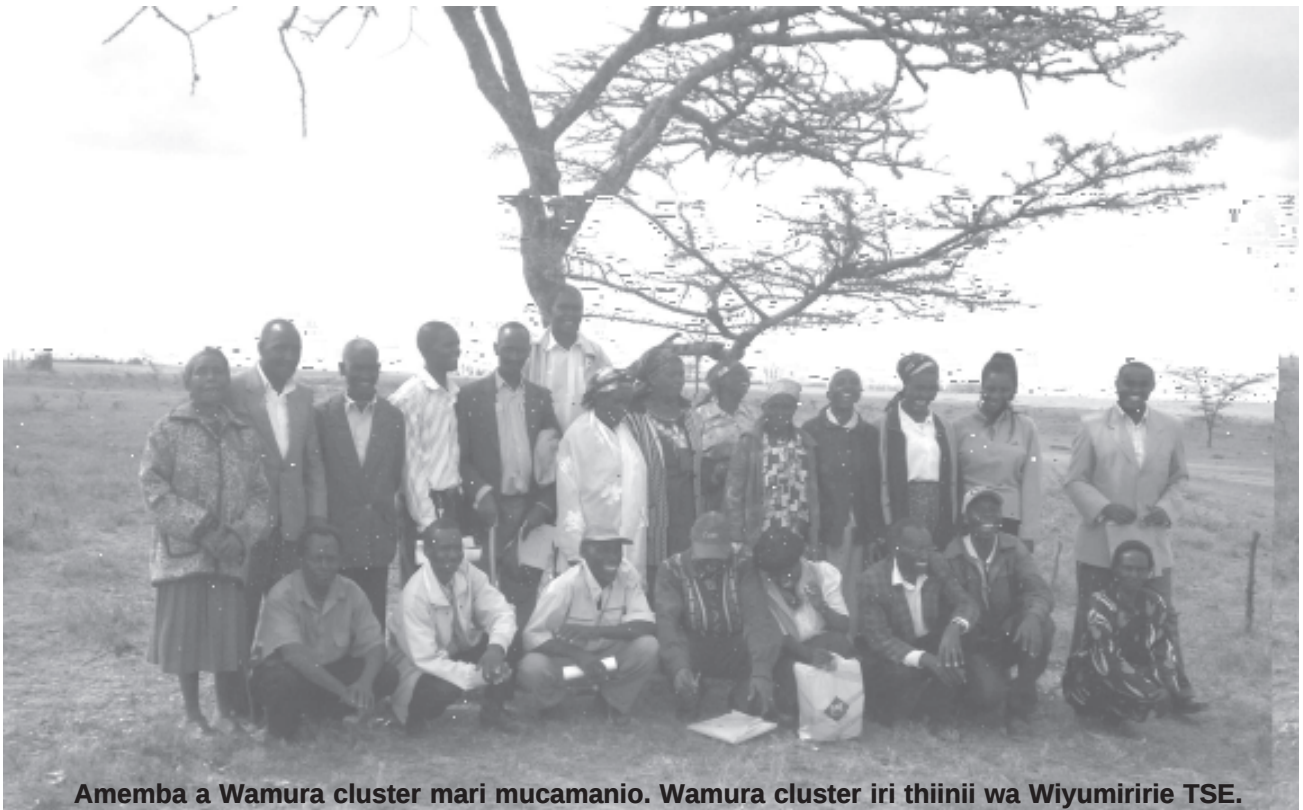
July 2008 Newsletter

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KUMA KIRI MWANDIKI



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KUTHURANIRA MBEU CIA KUMITHIA

Ni mbeu cia miti iriku injega cia kwaanda?

Tubwirite kwoja mbeu atia?

Miti yonthe nimiega?

Miti niciaraga mbeu o mwaka?

Muti juria mwega jwa mbeu ijuriku?

Niatia tumba kumenya kethira mbeu ni injega?

Tubwirite gucwa mbeu ri?



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Twaande kana twike mbeu?

Miti yumaga mbeune aaki?

Mbeu cionthe iciumaga?

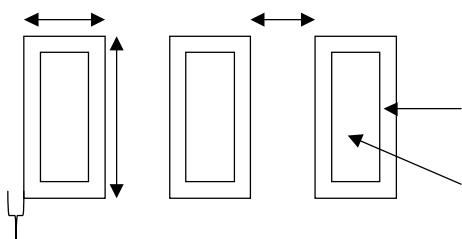
**Kiumithirio kia mbeu
Kwaanda Mbeu**

Ni atia ciendaga kuthithirua mbere?

**Biumithirio bia mbeu
a Ubatu**

Twaandaga mbeu atia?

b Kuthuranira



Kuthuranira antu a kuthamiria mbeu

**Kithamirio
a Ubatu**

b Kuthuranira

Njira injeru injega-kiumithirio giukiritue



KIMERU VERSION



Miti ya ntwire
A Prunus Africana (Kimeru: Mwiria)

Miti imiega ya TIST
Antu a mibau mauta

Utumiri:

Ndagwa

Kugwatiira muthetu

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Kuthithia muthetu

Uthongi

Peacock Flower (Kimeru :Mukurwe.

Exotic Trees

Utumiri

Utumiri

Cypres (Cupressus lusitanica, kimeru:
Muthithinda)



Olea Africana (Kimeru: Muthata)

Utumiri

Uthongi



Arimi kuuma Matanya cluster makiamukira marihi
mao ma miti kuhutikira njira ya M-PESA system.