

Mazingira Bora



TIST

The International Small Group & Tree Planting Program

www.tist.org

English Version

An Environmental, Sustainable
Development and Community Forestry
Program.



**Mitheru Cluster: Small Group Members in a cluster meeting.
All clusters are encouraged to be attending monthly cluster meetings.**

Inside this Newsletter....

86 TIST Clusters Receiving Payments this Month. Pg. 2

It's Planting Season - Time to Plant Many More Trees! Pg. 3

Kutete Cluster in Mara TSE: We have done well so far. Pg. 4

Mara TSE: We are All Gender, All Ages, working together to achieve higher results. Pg. 5

Tree Nurseries: Foundation For Farm Forest. Pg. 6

Immanuel SG: Together, We Achieve More. Pg. 6



86 TIST Clusters Receiving Payments this Month.

As a reminder, TIST - Kenya is currently paying Small Groups in Mt. Kenya region. Clusters and Small Groups that are qualifying for payments are required to be punctual during the payments meetings. Each of the Small Groups receiving payments must send 2/3 of their members. Otherwise, they will not be paid. They must bring with them their Small Group SIM Card having registered it with M-Pesa. Both SIM custodian and M-Pesa PIN custodian must be present during the payment meeting. All members of the group are required to have properly signed 'Agreement to accept Small Group Payments through M-Pesa payments' document.

Remember, It is important that your Small Group attend monthly cluster meetings. At cluster meetings, besides getting training and newly developed best practices that are working, you will get TIST updates. Small Groups that attend cluster meetings are given the first priority in quantification and in payments. At Cluster meetings, you will have the chance to share best practices with other Small Groups that can make a big difference to them. It will also be an opportunity to learn what other Small groups are doing and how they are overcoming their challenges.

Here are names of the cluster receiving payments this month

- | | | | |
|-----------------|-----------------|----------------|----------------|
| 1. Chung'ari | 23. Igwanjau | 45. Karoki | 66. Murinya |
| 2. Gachua | 24. Kiangwa | 46. Karudas | 67. Mururune |
| 3. Giaki | 25. Kianjagi | 47. Katheri | 68. Mworoga |
| 4. Kaaga | 26. Kairuni | 48. Kiamariga | 69. Ncoroiboro |
| 5. Kambiti | 27. Kirindini | 49. Kiamathaga | 70. Nkando |
| 6. Kanjagi | 28. Mitheru | 50. Kimahuri | 71. Ntugi |
| 7. Kiria | 29. Muthambi | 51. Manyatta | 72. Ntumburi |
| 8. Kirimaitume | 30. Kiahuko | 52. Mbiriri | 73. Ruiru |
| 9. Kithoka | 31. Male | 53. Miamoja | 74. Runyenye |
| 10. Mbajone | 32. Matanya | 54. Muriru | 75. Subuiga |
| 11. Thuura | 33. Muhonia | 55. Murungai | 76. Thiira |
| 12. Kagaene | 34. Mweiga | 56. Ntrukuma | 77. Gikumene |
| 13. Kibuline | 35. Sweet Water | 57. Ontilili | 78. Githongo |
| 14. Kigucwa | 36. Thome | 58. Thungari | 79. Kanyakine |
| 15. Kitheo | 37. Weruini | 59. Warazo Jet | 80. Karurune |
| 16. Mikunduri | 38. Aguthi | 60. Gitimene | 81. Katheri |
| 17. Nchiru | 39. Burguret | 61. Kiamiogo | 82. Kibui |
| 18. Ngiine | 40. Gaturiri | 62. Kibirichia | 83. Mpuri |
| 19. Miathene | 41. Ichuga | 63. Kiirua | 84. Mwichiune |
| 20. Nthangathi | 42. Itangini | 64. Kisima | 85. Naari |
| 21. Barangu | 43. Kahuhu | 65. Maritati | 86. Nyweri |
| 22. Ciakanyinga | 44. Kamuthanga | | |



It's Planting Season - Time to Plant Many More Trees!

Preparing seedlings for transplanting (Hardening Off)

Rains have come. It is time to plant more trees to replace those that dried because of drought and to reach our goals. It is important, therefore, to make sure that seedlings will be ready to be moved from the nursery and planted in the field.

Seedlings first need to be prepared for the harsher conditions of the field. If seedlings have been properly looked after in a nursery, they may have received more water and shade than they will have once they have been planted. Gradually reduce the watering and expose the seedlings to full sunlight during this month.

Good seedlings for planting out have the following characteristics:

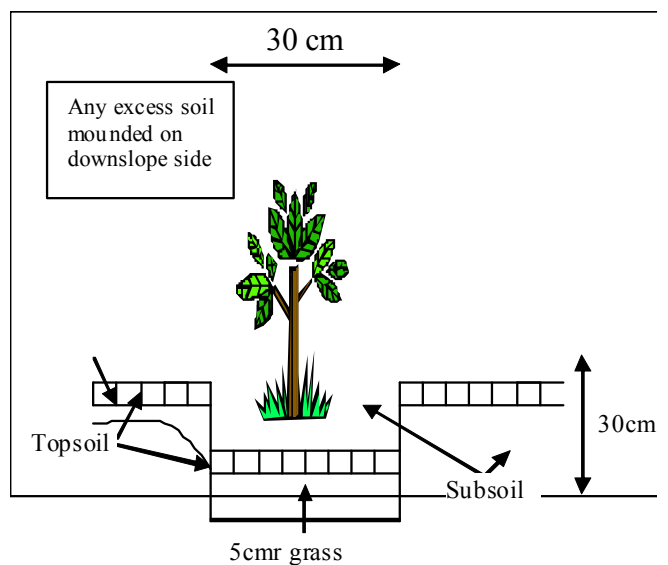
- The shoot should be twice the length of the roots or the pot.
- The stem should be strong and woody.
- The seedlings should have many thin roots in addition to the main roots.
- Many seedlings will achieve these characteristics two months after germinating.

Transplanting

When transplanting, make sure you do the following:

- Transport the seedlings in an upright position
- Mark out a circle with a diameter of 30 cm in the field
- Remove the topsoil and place in a pile.
- Remove the next soil layer to a depth of 30cm and place in a separate pile.

- Put in a 5 cm layer of grass (dry grass in rainy season, fresh grass in dry season), (called mulching). Some groups add manure as well.
- Remove the seedling from the polythene bag. Do not break the earth-balls around the roots.
- Place the seedling in the hole.
- Replace the topsoil first, then the second soil layer.
- Some groups do not fill the hole completely, but leave a gap of a few cm. This helps the rainwater enter the hole and infiltrate the soil.
- Any remaining soil can be placed in a mound on the downhill side of the seedling. This will help trap any rainwater and divert it into the hole.
- Water the seedling.



Also remember that to give your seedling the best chance of survival you should plant the 3m - 4m apart. If you plant them closer together then the seedlings will not get all the water, light and soil nutrients they need because there is much competition. They will become weak and may die, so follow the best practice of a spacing of 3m - 4m.



Kutete Cluster in Mara TSE: We have done well so far.

We, the Small Groups of Kutete Cluster of Mara TSE are located in Narok South District, Narok County.

It is almost one year since Kutete cluster started. Many of our Small Groups have successfully passed application process and are now being formally registered in TIST. We are grateful to our TSE Leaders, Dorothy Naitore and Jane Kanja. They have worked hard to train us and help us practice some of the TIST best practices.

Further, they have been tirelessly working with the Cluster Leaders to train and form Small Group members.

TIST program is gradually gaining acceptance and popularity in the area. At initial stages, farmers were skeptical. Some thought that by signing carbon credit selling contract, they would lose their land. Our Cluster leaders have worked hard to give right information about the contract and carbon credit business.

Many of our farmers have practiced Conservation Farming. From the look of things, we are expecting good harvest this year. Our Cluster is now encouraging each of the Small Group members to start practicing Conservation Farming.

Our group members have started tree nurseries. A lot of the seedlings have been transplanted in our farms. The surplus brings in additional income from selling them. This rainy season, we expect to increase the number of transplants in our farms.

Attending Cluster meetings has benefited with many more training. Many of the farmers are now able to establish their own nurseries. Though we are challenged with water scarcity problems, we hope, through TIST we will learn and develop new ways of addressing the problem. Our vision is to achieve more than 30% crown cover of trees in our farms. TIST spirit lives on.



Mara TSE: We are All Gender, All Ages, working together to achieve higher results.

BY Ann C. Masas

TIST is all inclusive. Young, old, women and men all working together, getting a chance to lead each other, in a most harmonious and respectful environment with a shared vision to transform lives.

In recent times, many scholars have concluded that no development can be achieved by a single gender.

In TIST family, I am impressed and wish to salute all women and men, old any young who are working hard for the success of farmers, local environment as well as global environment.

We thank TIST for actively striving to increase women's involvement in all aspects of the program. That is why all success is achieved whenever both men and women work collectively in any program especially our TIST.

It is worth noting, women and men have different gifts, talents and even information, knowledge and experience and when given a chance, they all contribute positively and immensely in development. This is true in TIST.

Through rotational and servant leadership, every member of a Small Group gets a chance to lead. People learn and share different ideas, gifts and talents in leadership. No one person bears the burden of leadership alone. Leadership is diversified and shared. This happens too, in our Cluster meeting. Leader, Co-leader and Accountability person rotate.

This makes sharing of responsibilities easier. People exchange their ideas and develop best

practices in tree planting and conservation farming.

This year, TIST has a goal of achieving big, fabulous "FIVE" goals around the world:

1. 25,000 more FARMERS joining TIST;
2. 10,000 more farmers practicing CF (FOOD);
3. 3 million additional trees (FOREST),
4. Ksh 2.1 billion raised to grow TIST and make it better (FUNDS),
5. FAST FORWARD: Supporting all TIST servants with necessary support such as reports, Action plans - to accelerate the vision.

These are goals to better environment and quality of life for many.

These are big goals, but, as the saying goes, "Individually, we are one drop. Together, we are an ocean."

If we each take steps, we can achieve these goals and more! Make a plan with your Small Group and your cluster to work towards this vision, then take action. Plant more trees in your nurseries and on your farms. Tell your neighbors about TIST, and invite them to your cluster meeting. Protect your land near rivers by planting indigenous trees. Make compost manure and try Conservation Farming.

God bless the men, women and the YOUTHS in TIST.



Tree Nurseries: Foundation For Farm Forest.

By Wilson Mutai

In Kutete, farmers have started their nurseries. Nurseries are either individual or group owned though most are individual.

Prior to introduction of TIST in our areas, many farmers had little knowledge of nursery establishment and management. Through the *Mazingira Bora* Newsletter, we have gained considerable skills in establishing nurseries. We can now collect and harvest good seeds, propagate them and establish seedbeds. Some of the species being established include *Casuarina equisetifolia*, *Grevillea robusta*, avocado and acacia.

These seedlings are propagated from the seeds which we collect locally. Sometimes we get them from the forest department. Nurseries within our homes use soil from our farms. Seedbeds mostly are bare ground due to water shortage for some

farmers during dry season and as a means of conserving water. Some farmers sowed seed and rooted cuttings in polythene bags that were tied closed to preserve moisture. This method prevents water loss since condensed water vapor finally returns back into the soil. These conditions are also good for rooting of cuttings.

Shading of nurseries is done mostly using grass. Irrigation water mostly comes from rivers and springs. These sources are also a far distance. Another challenge most of us face is that polythene bags for young seedlings are not locally found. We use alternatives like UHT milk packets) and plastic containers. Economically these nurseries have contributed to improving members' lives since they plant and sell extra seedlings area, often at Kshs 10 each.

We request more training especially in pre-treatment of seeds.

Immanuel SG: Together, We Achieve More.

By Mary Kathei

We, Emmanuel Small Group, TIST Number 2008KE 2343, joined TIST in March 2008. We are now 3 years old in TIST!

Our groups has 7 members namely Mary Taiku, Mary Kathei, Loise Nderi, Charles Kamunya, Shemith Waithira, Pherister Wanjiku and Julius Mwai.

We have been working together to help one another in establishing tree nurseries and preparing Conservation farming field. As a result, we have developed tremendously. So

far, we have planted **2,463 trees**. **Our Group received payments in January this year.**

We also belong to Mutii-ini Community Forest Association (CFA). We have established, together with other CFA groups more than 6,000 indigenous tree seedlings. Our two members of the groups have benefited from energy stove building seminar. They are now training us and other groups in our Karaba Cluster. As a result, 18 energy saving jikos have been constructed in our Cluster.

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Inside this Newsletter....

Cluster mirongo inana na ithanthatu ni ciijite kuriwa mweri juuju. Pg. 2

Riri ni igita ria kuanda-Igita ria kuanda miti ingi imingi! Pg. 3

**Cluster ya Kutete ndene ya TSE ya Mara: Nituthithitie bwega mwankira au tukinyite.
Pg. 4**

**TSE ya Mara: Twinthe turi ekuru na akuru, ukuru buungene, tukiritaga ngugi kugia
maciara jamanene. Pg. 5**

Minanda ya miti: kiumo kia miunda ya miitu. Pg. 6

Gikundi gikinini kia Immanuel: Amwe, tukathithia jamaingi nkuruki Pg. 6



Cluster mirongo inana na ithanthatu ni ciijite kuriwa mweri juuju

Ta njira ya gukurikania, TIST ndene ya Kenya nikuria ikundi bibinini mbeca ndene ya ntuura ya kirima kia MT. Kenya. O gikundi gikinini kionthe kiria gikujuukia mbeca no mwanka gitume nkuruki ya amemba bairi kiri o bathatu ba gikundi kiu. Baremwa kuthithia uju batiriwa. No mwanka beeje na laini cia thimu cia gikundi iria cibati kwithirwa ciandikithitue na M-Pesa. Mwiki laini na mwiki namba ya witho ya M-Pesa no mwanka bethirwe barrio ntuku iu ya mucemano jwa kuria. Amemba bonthe ba gikundi nibakwendeka bethirwa basainite fomu ya gwitikiria kuriwa mbeca cia gikundi gukurukira M-Pesa.

Ririkana kuri na bata mono ati gikundi gikinini giaku giite kiri micemano ya o mweri ya cluster. Ndene yamicemano ya cluster, amwe na kuewa moritani na kwonua njira injeru cia kuthithia mantu mwananyamwanya iria ikurita ngugi o igitene, bukaewa mantu jegie TIST jaria jagwita nambele. Ikundi bibinini biria biitaga micemanione ya cluster nibaejagwa kanya ka mbele kiri utari miti na kuriwene. Ndene ya micemano ya cluster, bukona kanya ga kugaana miitire iria miega buru ya kuthithia mantu na ikundi biingi untu buria bukathithia mwanya jumunene kiribo. Bukaa kinya kanya ga kumenya uria ikundi bibinini bingi bikuthithia na uria bakuumba kweberia mathiina jaria bakwona.

Aja ni mariitwa ja cluster iria ikuriwa mweri juju

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Riri ni igita ria kuanda-Igita ria kuanda miti ingi imingi!

Kuthuranira miti ya nursery ya kwija kuanda(kuumia)

Mbura ikwija. Ni igita ria kuanda miti ingi.kuanda ingi antu a iria yomire ni untu bwa uumo. Kwou nikubui kuhakikisha miti ya nursery nithuraniribwega kenda yumba kuritwa kiri nursery na kuandwa miundene.

Miti iji ya nursery nibatiri mwambirio kuthuranirwa uria ikomba kuumiria muundene

Kethira nimenyeeri bwega ndene ya nursery, niikiri ruuji na kirundu gikiinginkuruki ya miti iji yaaandwa muundene.o uria miti ii iri nursery igukuura nyiyia ruuji na umirugurire riuu mpari mpari mweri juju. Miti ya nursery imiega ya kuanda ikari uju;

- Ureu buria bukwonwa iguru ria muthetu bwthirwe buri mainda jairi ureu bwa miri kana nyongu iria waandirite muti jou
- Muti jwithire jwina inya na mpao
- Miti iu ithirwe ina miri imiceke imingi amwe na miri iminene
- Miti imingi ikaraga uju mieri iri nyuma ya kuumira kuuma kiri mbeu

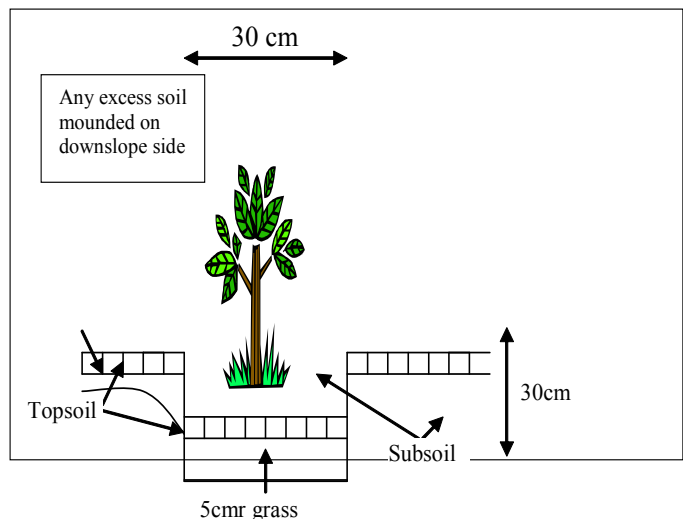
Kurita miti kuuma kiri nursery

Ukirita miti nursery wita kuanda nthingata mantu jaja;

- Kamata muti jurungi
- Maka kithururi kia warie bwa 30cm muundene
- Rita muthetu jwa iguru na ujuthuranie amwe
- Rita muthetu jwa iri mwanka uraja bwa 30cm na ujuthuranie angi
- Ikira yaki mwanka uraja bwa 5cm[nyaki injumu kwethira

kuurite, iti injumu kwethira kwarite] [itawa mulching]. Ikund bimwe nibiongagira kinya mboleo

- Rita muti karatasine. Ukagwithia muthetu juria juri kiri miri
- Ikira muti kirinyene.
- Ikira muthetu jwa iguru mbele riu wikire juria jwa iri.
- Ikundi bimwe bitiujuragia kirinya buru'batigagakanya gakanini. Buu nibutethagiuruuji rw mbura rutonya kirinyene na kwou muthetune bwega.
- Muthetu juria jugatigara nojurikirwe amwe rutere rwa bwagaiti rwa muti. Bubu bugatetheria kugwatia ruuji rwa ngai na kuruchokia kirinyene.
- Ikira muti ruuji



Rikana atiri,kenda ua muti jwaku kanya gakega ga kurega gukua, no mwanka umiande iteene na warie bwa 3m-4m. Wamianda akui , miti iji itiona ruuji, werukana irio biria ikuenda nontu bwa gushindanira bio na miti ingi. Itiona inya na no ikue kwou njira iria njega buru ni kumianda itariene na 3-4m



Cluster ya Kutete ndene ya TSE ya Mara: Nituthithitie bwega mwankira au tukinyite.

Batwi, ikundi bibinini bia cluster ya Kutete ndene ya TSE ya Mara tri ndene ya district ya Narok South na county ya Narok

Ni akui mwaka jumwe juthiri kuuma cluster ya Kutete ikwambia. Ikundi bibinini bibingi bietu nibiumbene kiri kuria gutonya ndene ya TIST na nandi nibombite kwithirwa baandikithitue na njira iria ibati.

Nitugucokeria nkatho atongeria betu ba cluster, Dorothy Naitore na Jane Kanja. Nibarite ngugi nainya guturitana na gututethia gutumira njira iria iri injega buru cia TIST cia kuthithia mantu

Kwongera, nibethiritwe bakiritanagiria ngugi batikunoga na atongeria ba cluster ya kuritana na kuthithia amemba ba ikundi bibinini

Muradi jwa TIST nijugwitikirua na kumenyekana bwega nkuruki o uria ntuku igwita na mbele. Ndene ya matagaria ja mbele, arimi ni bari na biuria bibingi. Bamwe bathuganagia gukurukira gusaina fomu ya kwendia ruugo, baringi gutunywa miunda yao. Atongeria ba cluster yetu nibaritite ngugi

mono kumenyeera ati nibakuejana mantu ja mma kwegia fomu iu na thoko ya ruugo.

Baingi ba arimi betu nibatumirite njira ya urimi bubwega. Gukurukira uria mantu jakwoneka jakari, nitweterete iketha ririega mwaka juju. Cluster yetu naandi nikugwikira inya o mumemba ambirie gutumira njira ya urimi bubwega

Amemba ba gikundi gietu nibambiritie minanda ya miti. Imera biria biingi nibirikitie gwitwa minandene bithaamirua miundene yetu. Biria bigutigara nibituretagira mbeba kumania na kubiendia. Mburene iji, nitweterete kwingia miti iria tukathamiria miundene yetu

Gwita micemano ya cluster nigutethetie kuritanwa nkuruki. Arimi baria baingi nandi nibombite kuthithia minanda yao bongwa. Kinya kethira turi thina ya ruuji, nitugwitikia gukurukira TIST tukathoma na tuthithie njira injeru cia kuumba thina iji. Kioneki gietu ni kwithira turi na nkuruki ya 30% ya munda jukunikiri ni miti ndene ya miunda yetu. Mwoyo jwa TIST jwendelee gutuura.



TSE ya Mara: Twinthe turi ekuru na akuru, ukuru buungene, tukiritaga ngugi kugia maciara jamanene.

Ni Ann C. Masas

TIST itikagiria bonthe. Babanake, babakuru, ekuru na akuru bonthe bakiritanagiria ngugi, bakionaga kanya ga gutongerania bo kibo ndene ya ntuura iri na kuumirania na gutiiana na kioneki kigaenue kugarura miturire

Kagita kanini kathiri, athomi babaingi nibonete na betikaniria ati guti gwita na mbele kuumbika ni antu bamwe bonka.

Ndene ya njaa ya TIST, nindigaritue na ndenda guukiria njara ekuru bonthe na akuru, babanini na babakuru baria baguita ngugi mono nikenda arimi beta na mbele, ntura yetu Na nthiguru yonthe bithongoma nkuruki

Nitugucokeria nkatho TIST nontu bwa kugeria rionthe kuneneyia uriti ngugi bwa ekuru kiri mantune jonthe ja mubango juju. Giki nikio gwita na mbele kunthe kuumbikaga aria antu arume na aka bakiritaniria ngugi kiri mubango kinya juriku na mono mono ndene ya TIST

Ni bubwega kumenya, aka na arume barina iewa, mantu jaria baiji kuthithia bubwega nkuruki ya bangi na kinya mantu jaria baiji, umenyo na mantu jaria bathithitie mwanya mwanya na bakaewa kanya bomba kurita ngugi ya gutetheria mono kiri witi na mbele. Bubu ni bwa mma ndene ya TIST

Gukurukira utongeria wa kuthiuruka na bwa uthumba, o mumemba wa gikundi gikinini noonaga kanya ga gutongeria. Antu nibathomaga na bakagaana mantu jameru jaria bathuganiritie, iewa na mantu jaria baiji kuthithia bwega nkuruki ya bangi kiri utongeria. Gutiwe ujukagia murigo jwa utongeria wenka. Utongeria ni buneneagua na bukagaanwa. Bubu nibwonekaga kinya kiri mucemano jwetu jwa cluster

Bubu nibutumaga kugaana ngugi gukootha nkuruki. Antu nibagaanaga mathuganio jao na bakathithia na gwitikaniria miitire iria miega

buru ya kuthithia mantu mwanya mwanya kiri uandi miti na urimi bubwega.

Mwaka juju, TIST iri na kioneki gia kuthithia mantu jamathongi na jamanene nthigurune yonthe:

1. Arimi bangi ngiri mirongo iiri na batano gutonya kiri TIST
2. Arimi bangi ngiri ikumi batuumire njira ya urimi bubwega (Irio)
3. Gucwaa shilingi milioni ijiiri na ngiri igana cia kuneneyia TIST na kumithithia ibua nkuruki
4. Gwita na mbele na mpwi: gwikira inya nthumba cia TIST gukurukira biria bikwendeka ta kubanenkeria ripoti, mibango ya ngugi na jangi jamaingi-nikenda kioneki gikinyangirwa

Jaja ni mantu jaria tukwenda gukinyira nikenda tuthongomia naria gututhiurukite na kuthongomia miturire ya babaingi

Kuri na bioneki bibinene, indi kuri kiugo kiugaga," muntu ari wenka, turi gatanta kamwe.Amwe, turi iria".

Kethira twinthe tukajukia matagaria, tukoombana kiri kuujuria bioneki bibi na jangi! Thithia mubango na gikundi giaku gikinini na cluster yaku kurita ngugi butegeke kioneki giki, riu bujukie matagaria. Aandeni miti ingi kiri minanda yenu na miunda yenu. Iireni aturi benu kwegia TIST, na bubeete kiri mucemano jwenu jwa cluster. Menyeera munda jwaku juria juri ruterene rwa muuro jwa ruuji gukurukira kuanda miti ya gintwire. Thithia mboleo yaku na utumire njira ya urimi bubwega.

Mwathani natharime akuru, ekuru na aana baria bar indene ya TIST



Minanda ya miti: kiumo kia miunda ya miitu

Ni Wilson Mutai

Ndene ya Kutete, arimi nibaambiritie minanda yao. Minanda no ithirwe iri ya o muntu kana ya gikundi kinya kethira iria mingi ni ya antu.

Kabele ka TIST gutonya kiri ntuura cietu, arimi babaingi bari na umenyo bubunini kwegia kwambia na kumenyeera minanda. Gukurukira gazeti ya Mazingira Bora, nitugiite umenyo bubuingi kwegia kuthithia nursery. Nandi nitumbaga gucwa na gutua mbegu injega, gucithuranira na gucianda munandene. Mithemba imwe ya miti iria ikuandwa ni amwe na *Casuarina equisetifolia*, *Grevillea robusta*, mubucando na acacia.

Miti iji iumanagia na mbegu iria twojenie twingwa. Rimwe na rimwe nituonaga mbegu iji kuukania na ofisi cia miitu. Minanda iria iri nja cietu nitumagira muthetu kuuma miunda yetu. Aria mbegu ciandi munandene jaria maingi kwithagira kuri muthetu mutheri kumania na kwithirwa ruuji rutikung'ana na ta njira ya kurega kwinyangia ruuji ruria rurio. Arimi bamwe nibaandire mbegu na bekira biang'I kiri maratasi nikenda biuma

miiri bakunikirite nikenda banyiyia kujukua kwa ruuji ni riuu. Njira iji ninyiagia kunyia kwa ruuji muthetune nontu ruuji ruria rugwatagwa ni kiria gikunikirite munanda nirugujaga nthi kairi na muthia rugacoka muthetune. Ni untu bubwega kuthithiria kinya biang'i biria bigiiti bia kuanda kenda biuma miri.

Minanda ikunikagirwa mono na nyaki. Ruuji rwa kurima rwiwaga mono kumania na miuro ya nduui inene na ithima. Biumo bibi nibiithagirwa mono biri araja. Untu bungi buria bwithagirwa buri thina kiritwi ni maratasi ja gwikira miti yetu imini jaria jatithagirwa jari na uuthu kwona. Antu a jaja nitutumagira maratasi jaria twitaga iria ria kugura na mikebe ya mubira.

Ki mbeba minanda iji nitetheretie kiri kuthongomia miturire ya amemba nontu nibaandaga na bakendia miti iria igatigara ntuurebe, mono muti bakajwendia na shilingi ikumi.

Nitukuuria kuwa moritani jangi mono kiri uthuraniri bwa mbegu mbele ya kuanda.

Gikundi gikinini kia Immanuel: Amwe, tukathithia jamaingi nkuruki

Ni Mary Kathei

Batwi, gikundi gikinini kia Immanuel, TIST namba: 2008KE2343, nitwatonyere TIST mweri jwa ithatu mwaka jwa 2008. Nandi turi na ukuru bwa miaka ithatu ndene ya TIST!

Gikundi kietu kiri na amemba batantatu bagwitwa Mary Taiku, Mary Kathei, Loise Nderi, Charles Kamunya, Shemith Waithira, Pherister Wanjiku na Julius Mwai

Nitwitaniiritie ngugi amwe tugetathanagia kwambiria minanda na kuthuranira miunda na njira ya urimi bubwega. Niuntu bwa jaja nitwitite na mbele mono. Mwankira au, nituandite miti ngiri ijiri Magana janna na

ithatu. Gikundi gietu nikianiirwe mbeba January ya mwaka juju.

Turi kinya amemba ba Mutii-ini Community Forest Association(CFA). Nitwmbiritie amwe na amemba bangi minanda ngiri ithanthatu ya miti ya gintwire.

Amemba ba gikundi gietu bairi niboonete baita kumania na semina cia gwaka mariko ja gutumiira nkuu inkai. Nandi nibakurina batwi na ikundi biingi ndene ya cluster yetu ya Karaba. Gukurukira bubu, mariko ikumi na janana ja gutumiira nkuu inkai nijathondeki ndene ya cluster yetu

Mazingira Bora



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**Mitheru Cluster: Small Group Members in a cluster meeting.
All clusters are encouraged to be attending monthly cluster meetings.**

Inside this Newsletter....

Clusters 86 nicikwamukira marihi mweri uyu. Pg. 2

Ni kimera gia kuhanda miti-Iahinda ria kuhanda miti miingi. Pg. 3

TSE ya Maara: turi a andu a mithemba yothe, marika mothe tukiruta wira hamwe niguo tugie na maciaro mega. Pg. 4

Cluster ya Kutete iria ikoragwo TSE ya Mara: Nitwikite wega gukinyiria hau tukinyite. Pg. 5

TUTA: muthingi wa guthondeka mititu. Pg. 6

Gikundi kinini kia Immanuel: turi hamwe tugakinyaniria manene. Pg. 6



Clusters 86 nicikwamukira marihi mweri uyu.

Ta kiririkania, TIST-KENYA niirariha ikundi nini gitaru-ini kia Mt. Kenya. Cluster na ikundi nini iria ciitikirikite kurihwo niciagiriirwo gukinya kahinda karia kagiriire micemano-ini ya marihi. Gikundi kiria kirarihwo kiagiriirwo gutuna amemba 2/3 kwaga gwika uguo matikurihwo. No muhaka makuue SIM CARD ya gikundi kiao iria iri na M-Pesa. Uria uigaga SIM hamwe na uria ukoragwo na PIN ya M-Pesa no muhaka makorwo kuo marihi makiheanwo. A memba oothe nimagiriirwo gukorwo metikaniirie na magekira kirore uhoru ucio.

Ririkana, niwega gikuni giaku githii mimecamanio-ini ya o mweri ya cluster. Micemano-ini ino, thengia ya guthoma na kwiruta mitaratara mieru, mundu niamenyaga maria maumirite thiini wa TIST. Ikundi iria ithiaga icemano niciheagwo mweke wa mbere hari kuhitukio kurihwo na kwamukira marihi. Thiini wa micemano niukoragwo na mweke wa guthoma kumana na arimi angi na guthomithia angi, o kuo niukumenya uria aria angi marathii na mere na uria ungika mutwarane.

Maya ni maritwa ma ikundi iria ikwamukira marihi mweri uyu.

- | | | | |
|-----------------|-----------------|----------------|----------------|
| 1. Chung'ari | 23. Igwanjau | 45. Karoki | 66. Murinya |
| 2. Gachua | 24. Kiangwa | 46. Karudas | 67. Mururune |
| 3. Giaki | 25. Kianjagi | 47. Katheri | 68. Mworoga |
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| 6. Kanjagi | 28. Mitheru | 50. Kimahuri | 71. Ntugi |
| 7. Kiria | 29. Muthambi | 51. Manyatta | 72. Ntumburi |
| 8. Kirimaitume | 30. Kiahuko | 52. Mbiriri | 73. Ruri |
| 9. Kithoka | 31. Male | 53. Miamoja | 74. Runyenye |
| 10. Mbajone | 32. Matanya | 54. Muriru | 75. Subuiga |
| 11. Thuura | 33. Muhonia | 55. Murungai | 76. Thiira |
| 12. Kagaene | 34. Mweiga | 56. Ntrukuma | 77. Gikumene |
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| 15. Kitheo | 37. Weruini | 59. Warazo Jet | 80. Karurune |
| 16. Mikunduri | 38. Aguthi | 60. Gitimene | 81. Katheri |
| 17. Nchiru | 39. Burguret | 61. Kiamiogo | 82. Kibui |
| 18. Ngiine | 40. Gaturiri | 62. Kibirichia | 83. Mpuri |
| 19. Miathene | 41. Ichuga | 63. Kiirua | 84. Mwichiune |
| 20. Nthangathi | 42. Itangini | 64. Kisima | 85. Naari |
| 21. Barangu | 43. Kahuhu | 65. Maritati | 86. Nyweri |
| 22. Ciakanyinga | 44. Kamuthanga | | |



Ni kimera gia kuhanda miti-lahinda ria kuhanda miti miingi

Kuhariria mimera

Mbura niyurite. Ni ihinda ria kuhanda miti miingi gucokereria iria iromire ihinda-ini ria riuua. Niwega kumenya wina mimera ya guthamia kuma nathari-ini kuhanda mugunda.

Wambere mimera yagiriirwo niundu wa maundu maritu makoragwo mugunda. Angikorwo mimera ni imenyereirwo wega nathari-ini niigukorwo igite na mai maingi ohamwe na kiruru maundu maria Atari onginyagia makorwo kuo mugunda-ini. Nyihia githini kia maim aria uheaga mimera yaku kahora kahora yarirwo ni riuu mweri uyu.

Mimera miega ya kuhanda yagiriirwo gukorwo ina maundu maya

- Mwena wan a iguru wagiriirwo gukorwo uri muraigu maita meri gukira muri wa muti.
- Mumera wagiriirwo gukorwo uri na hinya wa kuigana.
- Mumera wagiriirwo gukorwo na tumiri tunini tuingi kuma hari muri munene.

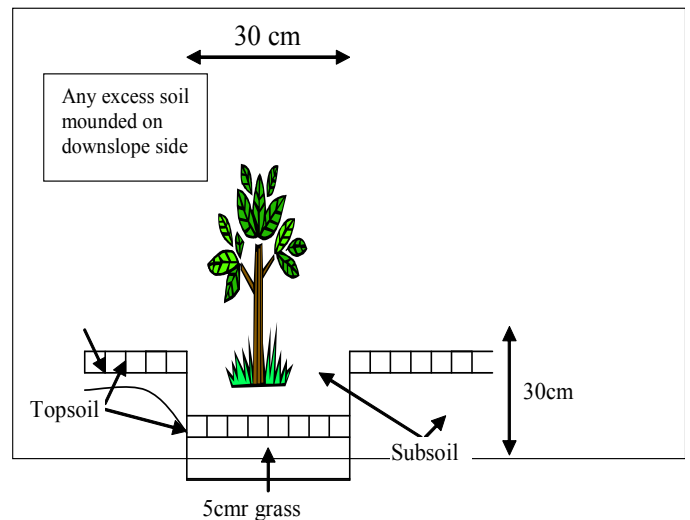
Mimera miingi niihotaga gukinyia ikiro ici mieri iri thutha wa kumera.

Kuhanda miti

Wagiriirwo gukorwo uri na

- Kuaa miti irungii
- Cora githiururi kia warii wa 30cm mugunda-ini
- Eheria tiiri wa iguru na uuige keheri-ini
- Enja uriku ungi wa 30cm ukiigaga tiri ucio keheri-ini kangii.

- Ikira nyeki muigana wa uriku wa 5cm irima-ini. Ikundi imwe no cihuthire thumu.
- Ruta mimera yaku kuma maratathi-ini. Menyerera gatiri karia gakoragwo mithia-ini wa muri gatikaume.
- Ikira mumera irima-ini.
- Cokia tiiri uria urutire mbere irima-ini ucokerere na wakeri
- Ikundi imwe citihuragia marima tiiri undu uria uteithagiriria maai ma mbura kuingira irima-ini na gutonya tiiri-ini.
- Tiiri uria ungikarwo utigarite no uigwo miena-ini gutega maai ma mbura na kumatonya irima-ini.
- Itiriria miti yaku maai



Ririkana kuhe miti yaku warii muiganu wa gukura wa 3m-4m, wahanda miti yaku utumanitie, ime yayo ndirikinyagirwo ni muigana wa maai wa kuigana ohamwe na kwaga indi cia kumihe hinya kumana na utheri ohamwe na tiiri niundu wa kugayana iri miingi. Miti noyage hinya nginyagia ikue kwoguo ni wega kuhanda miti yaku utaganitie na warii wa 3m-4m.



TSE ya Maara: turi a andu a mithemba yothe, marika mothe tukiruta wira hamwe niguu tugie na maciaro mega.

Mwandiki; Ann C. Masas

TIST niya andu othe. Mbeu njithi, andu akuru, athuri na atumia othe makiruta wira hamwe, o mundu ari na kamweke ga gutongiria na njira ya thayu nay a gitiyo tukihuthira kioneki kimwe gucenjia miturire.

Gwa kahinda gakuhi athomi aingi nimaugite gutiri uthii wan a-mbere ungioneka hatari athuri na atumia matukanite

Thiini wa TIST, ningenete na ngacokeria athuri an atumia, anake na airitu ngatho cia mwanya, aria mararuta wira nuundu wa kugacira kwaarimi, kwagirithia maria maturigiciirie.

Nituracokeria ngatho niundu wa kuhuranira gukorwo ho kwa atumia miena-ini yothe ya mutaratara uuyu. Nikio maciaro mothe monekaga riria athuri na atuia maruta wira mari hamwe.

Niwega kumenya ati athuri na atumia makoragwo na iheo ngurani na makinyagirwo ni mohora na njira ngurani, umenyo ngurani na riria twaheana kamweke nimaheana utungata wa bata hari uthii wa na-mbere. TIST ni hotete uu.

kuhitukira utongoria wa guthiururukana, o memba niakoragwo na kahinda ga gutongoria. Andu magathoma maundu maingi na ma bata megii iheo cia utongori. Gutiri mundu ukuaga murigo wa utonria ari wiki. Utongoria niucenjanagio. Maundu maya nimahanikaga nginya micemano-ini ya cluster. Mutongoria munini wake na Accountability person

nimathiururukanaga.

Mwaka uyu, TIST iri na kioneki gia gukinyiria maundu maya matano thiini wa thi.

1. Arimi angi 25,000 maingire TIST.
2. Arimi angi 10,000 kuhuthira Kilimo Hai
3. Kuhanda miti 3,000,000 makiri
4. Kugia na mbeba muigana wa 2.1 billion kugachirithia TIST.
5. Guthii na mbere kunyitirira atngata a TIST na kumigacirithia.

Maya nimo maundu maria makwagirithia maria maturigiciirie na miturire ya andu aingi.

Maya nimaundu manene, no , ota uria kwerirwo, mundu umwe ni itata rimwe ria maai nao andu aingi ni iria inene.

Omundu angioya ikinya, notukinyirie maundu maya na mangi maingi. Thondeka na gikundi giaku na cluster yaaku niguu nukinyanirie maundu maya, na muoye ikinya. Handai miti miingi tuta-ini na migunda-ini yanyu. Ira murataguo uhoro wa TIST na umwire athii micemano ya cluster. Gitira mugunda waku hakuhi na ruui na kuhanda miti ya ki-nduire. Thondeka thmu na urime Kilimo Hai.

Ngai arathime athuri, atumia na mbeu njithi a TIST.



Cluster ya Kutete iria ikoragwo TSE ya Mara: Nitwikite wega gukinyiria hau tukinyite.

Ithui gikundi kinini kia Kutete kuma Cluster ya Mara TSE tukoragwo Narok South District thiini wa Narok County.

Nita kahinda ka mwaka umwe kuma riria Cluster ya Kutete yambiriirie. Ikundi nini nyingi ciitu nicihitikitio kwiandikithia na nicikwandikithio thiini wa TIST. Nituracokia ngatho kuri atongoria aitu a TSE, Dorothy Naitore na Jane Kanja. Nimarutite wira an inya na guthomithia arimi.

Nimacokete magakorwo makirutithania wira na atongoria a Cluster guthomithia ikundi nini.

Mutaratara wa TIST niumenyekete na ugatherema muno mwena uyu. Mahinda ma kwambiriria, arimi matieciragia nokuhotekeke.angi meciragia ati wekira kirore kandarathi ya wendia wa Carbon Credits nimegute migunda yao. Atongoria aitu nimatuthomithitie na magatheria uhoru

wigii kandarathi ino.

Arimi aingi aitu nimahuthagira Kilimo Hai na kuringana na uria kurathii niturehoka nitukugia na magetha maingi kimera giki. Cluster iitu niirahinyiriria o mumemba wa ikungi nini ciitu ahuthire urimi uyu wa Kilimo Hai. Amemba aitu nimambiriirie kuhanda miti tuta-ini. Mimera miingi nihanditwo migunda-ini n na iria ciatigara yukendi na igatuhe mbeca. Kimera giki kia mbura niturehoka nitukuongerera muigana wa miti iria iri migund-ini iitu.

Guthii micemano-ini niguteithitie muno. Arimi aingi riu nimahotete gukorwo na tuta ciao. Aa gutwika turi na thina wa unyihu wa wa maai, nitui ati TIST nimgututeithia kweheria thina uyu. Kioneki giitu nigukorwo na muigana wa gicunji kia 30% migunda-ini iitu.



TUTA: muthingi wa guthondeka mititu.

Mwandiki Wilson Mutai.

Thiini wa Kitete, arimi nimathondekete tuta. Nathari ni cia mundu kiumbe kana gikundi onagutuika ningi ni cia andu kiumbe

Tukiambiriria TIST guku gwitu, arimi matiari na umenyo wa guthondeka tuta na gucitungata. Kuhitukira Mazingira Bora, nitwamukirite githomo kia bata gia guthondeka tuta. Riu notunganie na tugethe mbegu nyingi tucithondeke na tucikomereerie. Mithemba iria tuhandaga nita *Casuarina equisetifolia*, *Grevillea robusta*, avocado na acacia.

Mimera ino yumaga mbegu-ini iria tunganagia o guku gwitu kana tukongania mutitu. Tuta iria ikoragwo micii-ini iitu cihuthagira tiiri

kuma migunda-ini iitu. Tuta nyingi itikoragwo na maai niundu wa riu na nitondu wa kumenyerera maai andu aingi makomereirie mbegu maratathi-ini niguu kugia na ugunyu. Njira ino niigitagira wanangiki wa maai.

Kugita tuta kuhuthikaga makiria ukihuthira nyeki. Maai ma miti maumaga ruui. Maai maya nimaumaga haraihu. Thina ungi ni wagi wa maratathi ma kuhandira miti. Handu-ini ha maratathi maya nituhuthagira maratathi ma iria na mikebe ingi. Tuta ici niciagirititie miturire ya arimi aingi niundu wa kwendia mimera.

Niturahoya tuheo githomo makiria gia guthondeka mbegu.

Gikundi kinini kia Immanuel: turi hamwe tugakinyaniria manene.

Mwandiki: Mary Kathei

Ithui gikundi kinini kia Immanuel, TIST number 2008KE 2343, twaingirire TIST mweri wa March 2008. Turi na ukuru wa miaka 3 thiini wa TIST

Ikundi ciitu cirri na amemba 7 na nio Mary Taiku Mary Kathei, Loise Nderi, Charles Kamunya, Shelmith Waithira, Pherister Wanjiku na Jullius Mwai.

Nitukoretwo tukiruta wira tugiteithania hari kwambiriria tuta na kuhariria migund na nitukurita nanjira nene. Nginya hau tukinyite,

nituhandite miti 2,463. Gikundi giitu nikiamukirire marihi January mwaka uyu.

Ningi nitukoragwo mutaratara-ini wa Mutu-ini Community Forest Association (CFA) nituthundurite turi hamwe na CFA ikundi makiria ma 6,000 miti ya ki-nduire.

Amemba eeri aitu nimateithikite kumana na githomo gia guthondeka riiko. Riu nimaratuthomithia hamwe na ikundi ingi thiini wa cluster iitu ya Karaba na kumana na uguo mariiko 18 nimathondeketwo thiini wa cluster iitu.

Mazingira Bora



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**Mitheru Cluster: Small Group Members in a cluster meeting.
All clusters are encouraged to be attending monthly cluster meetings.**

Inside this Newsletter....

Ikundi miongo nyanya na nihathatu (86) sya clusters ila ikuila mwai uu. Pg. 2

Nivinda ya mbanda - ivinda ya kuvanda miti mingi! Pg. 3

Kutete Cluster ya Mara TSE. Nitwikite nesa vau kuvikite. Pg. 4

Mara TSE: Aume na aka, muika wonthe tuithukuma vamwe kutwala mosungio maseo. Pg. 5

Nasari sya miti: Mwambio wa muunda wa miti. Pg. 6

Immanuel SG: Vamwe, nitutonya: Pg. 6



Ikundi miongo nyanya na nihathatu (86) sya clusters ila ikuivwe mwai uu.

Nimulilikanwa TIST - Kenya niyienae kuiva ikundi nini ila syi ngaliko ya Mt. Kenya. Clusters na ikundi nini ila syianie kuivya syaile kuvika vate kuselewa umbanoni, kila kikundi kinini nonginya nyaile kitume $\frac{2}{3}$ ya mamemba. Vateuu, maikaivya. Mimaile kuka na kadi ya Sim ya nguthu yoo meyiandikithitye na M-pesa. Memba ula usuviaa kadi ino ya Sim vamwe na member ula uvinguite M-pesa nonginya methiwe mevo ivinda ya umbano wa ndivi. Memba onthe nimaile kwithiwa mekiite saii, kana nimetikilite kikundi kyoo kiivwe

kwisila M-pesa.

Lilikana, niwailu kikundi kinini kyaku kuvika mbumbano sya cluster kila mwei. Nthini wa mbumbano sya cluster, eka kuvundiwa na maundu meu ma maendeeo, ukakwata mawalanyo meu ma TIST. Ikundi nini ila syithiawe maumbanoni ma cluster nisyo ikanengawe mwanya wa mbee ivinda ya ndivi. Ukeethiwa na fuso ya kusoma maundu ala ikundi ingi nini syikaa na undu syukitaa mathina ala methiawa namo.

Masyitwa ma cluster ala mekuivya mwei uu.

- | | | | |
|-----------------|-----------------|----------------|----------------|
| 1. Chung'ari | 23. Igwanjau | 45. Karoki | 66. Murinya |
| 2. Gachua | 24. Kiangwa | 46. Karudas | 67. Mururune |
| 3. Giaki | 25. Kianjagi | 47. Katheri | 68. Mworoga |
| 4. Kaaga | 26. Kairuni | 48. Kiamariga | 69. Ncoroiboro |
| 5. Kambiti | 27. Kirindini | 49. Kiamathaga | 70. Nkando |
| 6. Kanjagi | 28. Mitheru | 50. Kimahuri | 71. Ntugi |
| 7. Kiria | 29. Muthambi | 51. Manyatta | 72. Ntumburi |
| 8. Kirimaitume | 30. Kiahuko | 52. Mbiriri | 73. Ruiru |
| 9. Kithoka | 31. Male | 53. Miamoja | 74. Runyenye |
| 10. Mbajone | 32. Matanya | 54. Muriru | 75. Subuiga |
| 11. Thuura | 33. Muhonia | 55. Murungai | 76. Thiira |
| 12. Kagaene | 34. Mweiga | 56. Ntrukuma | 77. Gikumene |
| 13. Kibuline | 35. Sweet Water | 57. Ontilili | 78. Githongo |
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| 17. Nchiru | 39. Burguret | 61. Kiamiogo | 82. Kibui |
| 18. Ngiine | 40. Gaturiri | 62. Kibirichia | 83. Mpuri |
| 19. Miathene | 41. Ichuga | 63. Kiirua | 84. Mwichiune |
| 20. Nthangathi | 42. Itangini | 64. Kisima | 85. Naari |
| 21. Barangu | 43. Kahuhu | 65. Maritati | 86. Nyweri |
| 22. Ciakanyinga | 44. Kamuthanga | | |



Nivinda ya mbanda - ivinda ya kuvanda miti mingi! Seuvia mbeu sya kuvanda (kwanika mbeu)

Ivinda ya mbua ni yivikie. Nivinda ya kuvanda miti nikana tulungie miti ila inomie ivinda ya thano twianiisye muvango witu wa kutungia miti ua inomie ivinda ya munyao. Niundu wa vata kwitu kwona kana miti ila kuvuiite niyeana na kuvandwa.

Mbeu nisyale kusuviwa nesa. Kethwa mbeu nisyasuviwa nesa kivuioni, syithiawa kwithewa na kiwu na muunyi waniu kute sivanditwe kithekani. Niwaila kuola kuingithya na kusyanikia sua ivinda yii ya mwei uu.

Mbeu nzeo sya kuvanda syaile kwithya syiilyi ta uu;

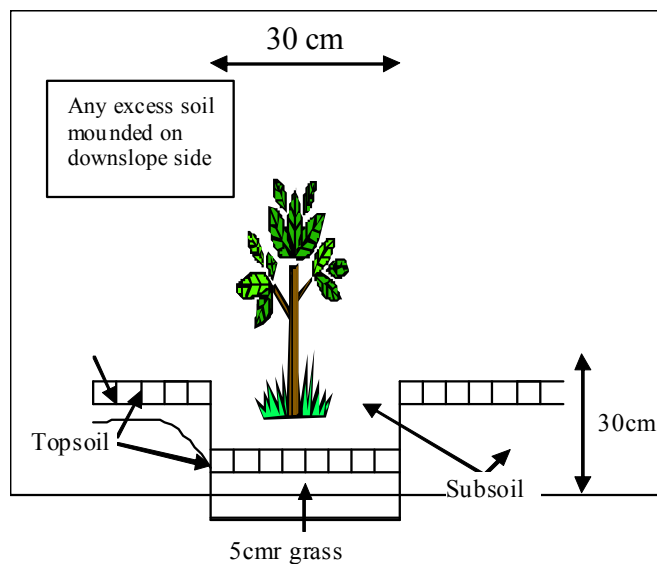
- Muthamba waile kwitha wi muasa, kundu kwili kwa mii.
- Muti wa kuvanda waile kwithya wi na vinya.
- Muti waile kwithya na mii miingi mitheke vamew na ula nene.
- Mbeu mbingi niyaile kwithya yi na mawonanyo asu vandu va myei ili itina wa kumea.

Kumwa kivuioni na kuvanda.

Ila uvanda, niwailitwe ni;

- Ungalalya mbeu yaku.
- Inza yiima ya uthanthau wa 30cm vala uvanda.
- Inza muthanga umwe wa yiulu umbanitye.

- Inza ingi muthanga 30cm noyumbania.
- Ikia nyeki ta 5cm yiimani (nyeki nyumu ivinda ya mbua, nyeki nziu ivinda ya munyao). Nowongele vuu.
- Umya muti ithanguni nailoni na ndukaumye muthana ula wi miini.
- Vanda muti waku
- Ikia muthanga wa yiulu mbee, atiisya ula ungi.
- Ikundi nyingi iyusuasya yiima vyyu, indi nimatkaa cm nini uu nutetheeasya kiwu kya mbua kulika yiimani.
- Ngithya muti waku.



Ingi lilikana kuvanenga mbeu syaku ivinda iseo ya kumea, wailitwe ni kuvanda itaanisye 3m-4m. Kethiwe wienda kuvanda ithengeanie vamwe mbeu syaku siitha itonya ukwala kiwu, kyeni, na unonwa muthanga nundu wa kwikiania muunyi. Nitonya kwithiwa itena vinya na kuma. Kwou atiia momanyisyo maseo taanisya mbeu kwa 3m - 4 m.



Kutete Cluster ya Mara TSE. Nitwikite nesa vau kuvikite.

Ithyi kikundi kinini kya Kutete Cluster kya Mara TSE twithiawa Narok South District Country. Nivakuvi mwaka umwe kuma twambililya kikundi kii kitu kya Kutete Cluster. Ikundi nini situ ni syiandikithitye, na yu syiendee na kwiandikithya na TIST. Twimatungia muvea atongoi maitu ma TSE ala me Dorthy Naitore na Jane Kanja. Nimathukumite na kithito na kutuvundisya na kututetheesya kwika maundu ala TIST mekaa. Oingi nimathukumite na kithito vamwe na atongoi angi ma cluster kuvundisya, na kwaka mamemba ma ikundi nini.

Muvango uu wa TIST nuendeeteniwitikilitwe na kumaanyika kisioni kii. Tuiwambililya, aimi nimatuleaa. Maina mesilya kana metikila muvango uu na kwiandikithya makavikia kwasya miunda yoo. Atongoi ma cluster nimamanyiisye nesa yiulu wa muvango uu.

Aimi aingi nimasuviaa miti. Kumana na

ukunikili, twiikwatya kwithiwa na ngetha nzeo mwakani cluster yitu nikumathuthya kila kikundi kinini kyambiie kuvanda na kusuvia miti.

Kikundi kitu nikyambile kuvuia miti. Mbeu mbingi nivanditwe miundani yitu ila yatiala nietae faida yatewa. Ivinda yii ya mbua twikwatya kwongela uvandi wa miti miundani yitu.

Kuvika mbumbanoni sya cluster nitutetheesye aingi kukwata momanyisyo maingi. Aimi aingi yu nimatonya kuseuvia ivuoi syoo. Ona kau twina mathina maingi ma kiwu, twikwatya kwisila TIST nitusoma na kumanya maundu meu, ma kuthinikia thina uu wa kiwu. Woni witu ni kwitha na mbee wa 30% ya miti mivande nthini wa itheka situ.

Useo wa TIST nutuae.



Mara TSE: Aume na aka, muika wonthe tuithukuma vamwe twithe na mosungio maseo.

Mwandiki - Ann C. Masas

TIST nivulanite. Muika andu akuu iveti na atumia oonthe maithueuma vamwe, kukwata uvuso ya kutongoesya ala angi kwa kunengane ndaia moene mena woni wa kuvindua mikalile yoo.

Ivinda ivuthu yivitu asomi mimavitukithisye kana vai maendeeo matonya kwikwa ni mundu muume kana mundu muka eweka.

Nithini wa TIST, nimutanu nundu wa wongeleka wa iveti na aume, akuu na mamuika ala mathukumaa muno kutetheesya aimi, mawithuluko vaa nthi yitu ona nthi sya nza.

Muvea wi mwanya kwa TIST nundu wa kwiyumya kwoo kwongela uthukumi wa aka muvangoni woo. Kii nikyo kitumi muvango uu wailite ila aume na aka meuthukuma vamwe maunduni aa maitu ma TIST.

Niwailu kumanya aume na aka me mithinzio yi kivathukanyo. Inengo na umanyi ovamwe na kwiyielesya manengwa mwanya, oonthe matataa kuelesya useo maendeeo ma kikundi kii kya TIST.

Kwisila utongoi wa kilingili kila mundu nukwata ivuso ya kutongesya kikundi kyake kinini. Andu ni masomaa vamwe na kunenga mosuano me kivathukanyo mithinzio na inengo syikivathukanyo thini wa utongoi wiwoka. Vii mundu onomwe ukua muio kana mathina ma kikundi eweka. Utongoi nikindu kya vata na twailite kusuania vamwe unithiawa, thini wa mbumbanoni sya cluster, mutungui na atongoi alaangi, na utalo wa andu ma kikundi.

Uu nutumaa utongoi withya wi laisi. Andu

nimatethanasya kwa kuvundiania nzia sya kuvanda miti vamwe na kumisuvia.

Mwaka uu, TIST mena muvango wa kwenda kwianisya maundi 'atano' nthi yonthe.

Namo nimo;

1. Aimi mbee wa 25,000 kwiyandikithya na TIST.
2. Aimi mbee wa 10,000 kutata CF (LIU)
3. Kuvanda miti mbeewa milioni itatu (3 million) ya kitheka.
4. Kumbania Ksh. 2.1 billion sya kutetheesya TIST kwiana na kumitwikithya nzeo vuu.
5. Undu wa mbee: Kukwata mbau athukumi on the ma TIST kwisila mawalanyoni moo nikana meanisye woni woo.

Uu ni muvango museo wa mawithuluko maitu o vamwe na kuseuvia mikalile ya aingi.

Twoosa matabya nitutonya. Mantha nzia we na kikundi kyaku vamwe na cluster muthukume nikana mwianisye woni wenyu. Vuia mbeu nyingi ivuioni vamwe na miundani yenyu. Tavya atui maku yiulu wa TIST na uimathokya umbanoni. Suvia miunda ila yivakubi na misii mawithuluko maku vamwe na miti ya kithekani. Seuvia vuu kwa kuinda na kusuuvia kukuwa kwa muthanga nikiwu.

Ngai nuathimaa inywi aume na aka o vamwe na muika nthini wa TIST.



Ivuio sya miti: Mwambio wa muunda wa miti.

Mwandiki - Wilson Mutai

Nithini wa kutete, aimi nimambiie nasari kana kuvuia miti. Ivuio syithiawa syi sya mundu umwe kana sya ikundi. Indi muno muno syithiawa syi sya ene.

TIST itanamba kwambia, kisioni kii kitu, aimi aingi mayeesi nzia nzeo sya kuvuia mbeu. Kwisila ikaseti ya '*Mazingira Bora Newsletter*', ithyi nitumanyite nzia sya kuseuvia na kusuvia ivuio situ. Yu nitutonya kumbanya mbeu nzeo, kusyanika na kuvanda mbeu ii tunyuvaa kuma mbeu ni ila tukolanitye mavinda angi twosaa mbeu ii kuma ofisini sya volisiti (forest department) kivuuioni. Mbeu ila yu kwinasyo ni vamwe na casuarinas equisetifolia, grevillea robusta, avocado na acacia.

Aimi ivinda ya thano nimethiawa na nzia sya kusuvia kiwu. Aimi amwe nimavandaa mbeu thini wa mathangu ma niiloni ala methiawa

movetwe nesa kusiia kimeu nzia ila isuviaa mbeu kwasya kimeu kiwu kitungiania vamwe na kisyoka muthangani.

Miunyi ya ivuio iseuvawa kwa kutemia nyeki, kiwo kya unyithya no mbaka kyume mbusini na isooni, ila nyingi sya syo syi kuasa thina ungi amwe maitu tusoua nikana mathangu aa ma niloni tuitonya kumetwata kwa mituki nundu maiseuviawa vaa vakuvi to tumia nzia ingi ta kutumia mathangu ma (iia ya U.H.T.) ovamwe na syindu ingi ila iseuvitwe na plastic.

Ni tuenda munonuno kuvanda wa iulu wa kusuvia mbeu. Ivuio hii nitethetye mamemba maitu nundu kila muti wa mea nutesawa silingi ikumi.

Nituukuiya tuvundiwe nzia mbingangi sya kuiiba mbeu situ.

Immanuel SG: Vamwe, nitutonya kwika maundu maingi.

Mwandiki Mary Kathei

Ithyi, kikundi kinini kya Emmanuel, TIST No. 2008KE2343, tukwatanie TIST mwei wa katatu 2008. Twina ukuu wa mwiaka itatu nthini wa TIST.

Kikundi kitu kina mamemba muonza (7 No.) namo nimo aa: Mary Taiko, Mary Kathei, Loise Nderi, Charles Kamunya, Shemith Waithera, Pherister Wanjiku and Julius Mwai.

Nitwahiitwe tukithukuma vamwe na kutethania ithyi kwa ithyi kwa kuvuia miti o vamwe na kuseuvia mawithyululuko miundani. Kumana na uu nitwendee na kwiana na mbikia vau nituvandite miti 2,463.

Kikundi kitu nikinaiviwe mbesa mweini (Jan) wa mbee mwaka uu.

Twini nthini wa ngwatanio ya Mutii-ini Community Forest Association (CFA) vamwe na ikundi ingi sya CFA nitumbanitye mbeu sya miti ya kithekani 6,000. Mamemba maitu eli nimatethekete na semina ya kumanya kwake maiiko ma sitovu. Nimaendee na kutuvundisya vamwe na ikundi ingi nthini wa cluster yitu ya Karaba. Kwondwa wa uu, maiko ma sitovu ikumi na nyanya (18 No.) nimaseuvitwe nthini wa cluster ino yitu.

Mazingira Bora



TIST

The International Small Group & Tree Planting Program
www.tist.org

Kipsigis Version

An Environmental, Sustainable
Development and Community Forestry
Program.



**Mitheru Cluster: Small Group Members in a cluster meeting.
All clusters are encouraged to be attending monthly cluster meetings.**

Inside this Newsletter....

Klasta 86 chenyoru libanet arawani. Pg. 2

Inkuni ko kasartab minset -kasarta ne kimine ketik alak che chang! Pg. 3

Klasta nebo Kutete eng Mara TSE: Koneyai ne mie koit inguni. Pg. 4

TSE Nebo MARA: Ki murenik ak kwonyik (all gender) kenyisiek tugul keyae kasit kenyorun mokutiik che mi barak. Pg. 5

Kab betisiek ab ketiik: taunet ab ketiik eng imbar. Pg. 6

Immanuel SG: Kibagenge kenyoru chechang. Pg. 6



KLASTA 86 CHENYORU LIBANET ARAWANI.

Kou eng kabwotutiet, TIST-Kenya ko chobchin ge inguni koliban kurubisiek che mengech eng Mt. Kenya. Klastaisiek ak kurubisiek che mengechen chenyalu konyor libanet kemokyin kosibkobwai tuiyetab libanet. Agetugul eng kurubisiek che mengechen che nyoru libanet konyolu koyok 2/3 che bo membaek. Konibuch, komonyoru libanet. Nyolu koib sim-card (lainit ab simoit) nebo kurubit nekikosirge eng m-pesa. Sim custodian (nomindet ab sim-card) ak nomindet ab m-pesa pin (nambait ab siri nebo lainit noton) konyalu komi tuiyet ab libanet membaek tugul konyalu konde sein komie

kokuyet ab libanet ab kurubisiek che mengech koyob m-pesa. Obwat bo komonut eng kurubingung ne mingin koyaa tuiyet ab klasta kila arawa. Eng tuiyet ab klasta nekoto konetisiet ak yaet ab bongonutik ab kamonut che boisie, inyoru lokoiywek che tesetai eng TIST. Kurubisiek che mengech che bendi tuiyet ab klasta kikochin boroinde ne tai eng koitisiert ak libanet. Eng tuiyet ab klasta inyoru boroinde obchei bongonutik ab kamanut ak kurubisiek alak che mengech che imuchei koib wallet eng ichek. Iku kora boroinde kinetge tuguk che yaei kurubisiek chemengech ak oleimuktoi tyemutik.

Chu ko kainutik ab kurubisiek che nyoru libanet arawani.

- | | | | |
|-----------------|-----------------|----------------|----------------|
| 1. Chung'ari | 23. Igwanjau | 45. Karoki | 66. Murinya |
| 2. Gachua | 24. Kiangwa | 46. Karudas | 67. Mururune |
| 3. Giaki | 25. Kianjagi | 47. Katheri | 68. Mworoga |
| 4. Kaaga | 26. Kairuni | 48. Kiamariga | 69. Ncoroiboro |
| 5. Kambiti | 27. Kirindini | 49. Kiamathaga | 70. Nkando |
| 6. Kanjagi | 28. Mitheru | 50. Kimahuri | 71. Ntugi |
| 7. Kiria | 29. Muthambi | 51. Manyatta | 72. Ntumburi |
| 8. Kirimaitume | 30. Kiahuko | 52. Mbiriri | 73. Ruiru |
| 9. Kithoka | 31. Male | 53. Miamoja | 74. Runyenye |
| 10. Mbajone | 32. Matanya | 54. Muriru | 75. Subuiga |
| 11. Thuura | 33. Muhonia | 55. Murungai | 76. Thiira |
| 12. Kagaene | 34. Mweiga | 56. Ntrukuma | 77. Gikumene |
| 13. Kibuline | 35. Sweet Water | 57. Ontilili | 78. Githongo |
| 14. Kigucwa | 36. Thome | 58. Thungari | 79. Kanyakine |
| 15. Kitheo | 37. Weruini | 59. Warazo Jet | 80. Karurune |
| 16. Mikunduri | 38. Aguthi | 60. Gitimene | 81. Katheri |
| 17. Nchiru | 39. Burguret | 61. Kiamiogo | 82. Kibui |
| 18. Ngiine | 40. Gaturiri | 62. Kibirichia | 83. Mpuri |
| 19. Miathene | 41. Ichuga | 63. Kiirua | 84. Mwichiune |
| 20. Nthangathi | 42. Itangini | 64. Kisima | 85. Naari |
| 21. Barangu | 43. Kahuhu | 65. Maritati | 86. Nyweri |
| 22. Ciakanyinga | 44. Kamuthanga | | |



Inkuni ko kasartab minset -kasarta ne kimine ketik alak che chang! Chobetab ketik che kiminchin imbar (istoet ab uronok)

Kokonyo robta. Nkuni kasarta nekeminen ketik alk ak kiror che kikayomnyo eng kemeut asikenyoru mokutik chok. Bo kamanut, anyun, kegeer kele ketik che kibendi kemine kongeten kab betit ak imbar et ne kiminchini. Ketik ko nyalu koron kinet konaita uinwek ak mbar. Angotko kikerib komie ketik eng betit, komara kikonyor beek ak urwet kosir ne nyoru yon kagemin eng mbar. Bos kanaget ab beek mutyoi ak inkoyor asista ne yamat eng arawani. Ketik che kororon che kimine kotindo tukuchu. ;

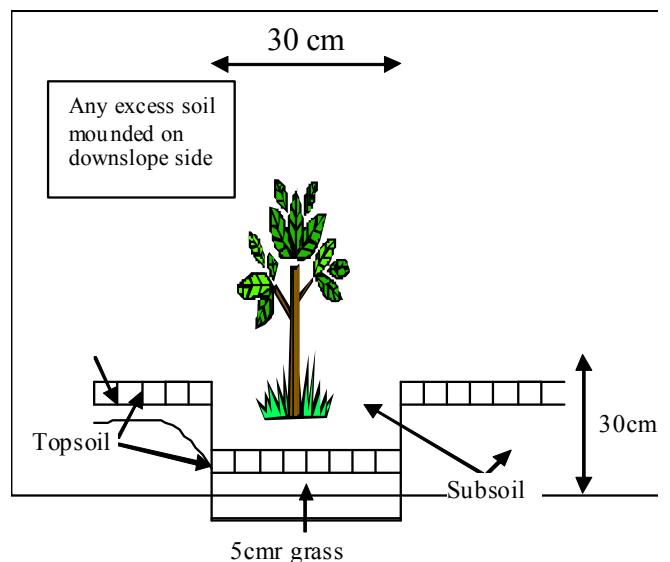
- Ketit konyalu ko o konyil aeng nebo tikitik anan ko nebo kibabet ne kikiminchi.
- Temet konyalu kokim ak ko o.
- Ketit konyalu kotindo tikiti che tenden che chang eng tesunet ab tikitik che echen.
- Nyoru ketik che chang tukuchuton eng arowek aeng kokakobista.

Ibet ab ketiik koba mbar.

Yon iibe ketiik koba mbar iker ile keyaiy kou ni:

1. Ib ketik kotonondos
2. Imar keringet nebo 30 cm eng imbar
3. Bal ngungunyek ab barak ak inde ter
4. Icherun ngungunyek che isibu chebo agoi 30 cm ak inde ter kora
5. Inde 5cm chebo suswek (che yomnyotin en kasartab robta, che twonen eng kemeut). Kurubisiek alak kotesyin soroek (manure)

6. Icherun ketit eng kartasit. Amatitui ngungunyek che miten eng tikitik.
7. Inde ketit keringet
8. Wekyin ngungunyek che kobo barak Korong, ak ngungunyek che koisibu.
9. Kurubisiek alak komainyite ngungunyek keringet, nekato kobakaach keringet ne kiten. Toreti niton beek kochut tikitik.
10. Ngungunyek che konget kindo kosungukan keringet ab ketit. Niton kotoreti kotaach beek ak koba keringet.
11. Tumchin beek keringet.



Ibwat korak ile asikokochi ketit konyo komie konyolu ke min eng kokwoutiet nebo 3m-4m. Angot I min korikyige komonyoru ketit beek, asista ak omitwokik eng ngungunyek che mokyin ge amun miten rebet ab gee ne o. tendenekitu ak komuch kobek, noton anyun isib banganet ne mie nebo 3-4m.



KLASTA NEBO KUTETE ENG MARA TSE: KOKEYAI NE MIE KOIT INGUNI.

Echeek, kurubisiek che mengech chebo kutete chebo Mara TSE kemiten Narok south district, Narok County. Kokoit kenyit agenge kongeten inginam klasta nebo kutete. Che chang eng kurubisiek che mengechen kokikonyor sire tab ge ak kayanet eng TIST. Kiwekyini kongoi kandoik chyok chebo TSE, Dorothy Naitore ak Jane Kanja. Kikogil ge konetech ak kotaretech keyaiy bongonutik che miach eng TIST. Ne sire kokikogilge kotoret ge ak kandoik ab klasta konet ak kosir kurubisiek che mengechen. Banganet ab TIST kotese tai konyoru kayanet ak naet eng oli. Eng tai kokimachame teemik alak. Ki ibwote alak kole ye inde sein koyonjinet ab aldaet ab koristo (GHC Contract) kereben mbarenik chwak. Kitestai kondoik ab klasta konet akobo ngalechu ak mungaret nebo

koristo. Teemiik che chang kokotyiem temsiet ab ribet ab ngungunyek. Eng keret ab tuguk, kimongu kesich kesisiet neo eng kenyini. Klasta inyon kotesetai kokimite membaek ab kurubisiek che mengech kotiem temisioni. Membaek chok kokonam betisiek ab ketik. Ketiik che chang kokikemin eng mbarenik. Che tesunot kyoldo asikesichen kelchin. Eng kasari bo robta kimongu ketes ketiik koba mbarenik chok. Bandaab tuiyet ab klasta kokikotorettech eng kanetisiosiek. Che chang eng temiik chok komuchei inguni konam kab betiisiek chwak. Ngandan mi uindab beek, kimongu, koyob TIST kebendi kinetgei ortiniwek che ki istoen uini. Erenyon ko kenyorun ketiik chesire 30% eng imbareniikchok. Tesetai kimnatet ab TIST.



TSE Nebo MARA: Ki murenik ak kwonyik (all gender) kenyisiek tugul keyae kasit kenyorun mokutiik che mi barak.

Kosire Ann c Masas

TIST ko miten biik tugul, barnotik, chebiosok ak boisiek koyoe kasit tugul, siche nabas tugul eng kandoinatet, banganet ne mie ak eng tegisto eng pcheet ab kereet agenge kowal sobet ab biik. Eng kasarwek chebo nguni, kokikoyanjin ngomotik kole momiten bandab tai nekenyoru eng boisiek anan ko chepyosok.

Eng kap chi nebo TIST oboiboenjini ak ategisi chebiosok ak boisiek, che yosen ak che mengech, che tese tai kogile ge konyor borotet ab temiik, omotinwek chok ak ngwondet komugul. Kiwekyini kongoi TIST amun kikitestai koyom kokochi boroinde chepyosok eng panganetnyin. Noton amune kinyoru borotet yon kobois chepyosok ak boisiek eng kibangenge missing ko eng TIST.

Bo kamonut kemwai, chepyosok ak boisiek kotinyei kokochinoik che ter, talentaisiek ak ngomnotosiek ak naet ab tukuk ago ingikochi boroinde, kokonu chuton bandab tai neo. Niton ko iman eng TIST. Koyob kandoinatet ab sungukanet ak kandoinatet ab kiboitinik, membayat age tugul konyoru kasrta kondo. Inete gei biik ak kopchei ngomnotosiek che ter, kokochinoik ak talentaisiek eng kandoinatet. Momiten chito agenge ne loe mileet nebo kandoinatet inegen. Kandoinatet koterchin ag kepchee. Nitton koyooksei kora eng tuiyet ab klasta. Kondoindet, rubeywot ab kandoindet ak chitab isabu kosungukoni. Niton koyaei pcheetab boisionik konyumnyumit. Walle biik ngonotosiek ak kopchee bongonutik che miach eng mineet ab ketiik ak temisiet ab ribet ab

ngungunyek. Kenyini kotinye TIST kotinye keret neo konyor eng ngwony komugul (fabulous FIVE)

1. Temiik che sire 25,000 kochutu TIST-farmers.
2. Temiik che sire 10,000 koyomda temisiet ab ribet ab ngungunyek (food)
3. Ketiik 3 million konyolu kemin (forest)
4. Kenyor Ksh 2.1 billion kotoret eng etunet ab TIST ak koyaiy komieit (funds).
5. Toretisiet ab kondoik ab TIST kou eng ripotisiek, panganet ab kasit (action plan) kotoret eng nyorunet ab keret (fast forward).

Chu kobanganet che toreti emetnyon ak sobetab biik che chang. Chu ko pangonutik che echen oko kou yekimwae kele chito kou beiyot eng nyanjet eng kibagenge kokinyanjet. Angot keib kokwoutiet chi tugul, kenyoru chuton tugul ak alak che chang!. Opangan eng kurubitngwong nemingin ak eng klasta ingwong onyuru keroni, oib kokwoutiet. Omin ketiik che chang eng kapbetisiekwok ak imbarenikwok. Omwochin biik ab kokwengwong akobo TIST ak otaach kobwa tuiyosiek ab klasta. Orib imbarenik kwok che nekityin ak oinosiek eng mine tab ketiik ab kipgaa. Oyai ketuurik ak oyomnde temisiet ab ripe tab ngungunyek. Ingoberur Jehova murenik, kwonyik ak barnotik eng TIST.



Kab betisiek ab ketiik: taunet ab ketiik eng imbar.

Kosire Wilson mutai.

Eng kutete, temiik kokonam kabbetisiek chwak. Kab betisiek kobo chito anan kobo kurubit ngandan chechang kobo biik. Kinkotomo konyo TIST oli, temiik che chang kokitindo ngomnotet ne mii ngwony akobo kanamet ab kabbetisiek ak ribet. Koyob kosetit ab Mazingira Bora, kokikenyoru ngomnotet neo akobo kanamet ab betisiek. Imuche ingunon kechengaten ak kekes kesweek che kororon, kemin ak kinam kab betisiek. Alak eng ketiik che kimine eng oli ko cheu, casuarinas equisetifolia, Gravillea robusta, avocado ak acacia. Keswechu kemine koyob tenderek chekichenge eng olibo gaa. Sait age kesiche koyob ketisiet ab osnosiek. Kab betisiek chemten oli koboisien ngungunyek koyob imbarenik chok. Kab betisiek missing ko ngwondet buch kotien ge beek cherorunotin eng temiik alakeng

kasartab kemeut ak kou oret ne kiboisien beek komie. Temiik alak komine kesweek ak ketiik che kakitil eng seleleisiek che kakirat kutiit asikoma tar beek. Oraniton kotoreti komatar beek amun beek che kata bendi barak kowekse korak ngungunyek. Oraniton kora kotoreti eng ketiik che kakitil kosich tikit. Uret ab kab betisiek keboisien missing susweek. Beek ab Kanaket koyobu ainosiek ak kongik ab beek. Olekisigen beek kora ko loo.uinda age ne kinyoru kosiget ab sleleisiek che kindo ketiik che makinyoru eng oli. Kiboisien ortinwek cheu kartasisik ab cheko (UHT) ak kibabosiek. Toretech niton ngamun kisiche rabinik yon kakialde ketiik che konget yon kagemin, tam ko 10 Shs agenge. Kimokinyinige konetisiet missing agobo kesweek kotomo kemin.

Immanuel SG: Kibagenge kenyonu chechang.

Kosire Mary Kathei

Echeek Emmanuel Small Group Nambait ab TIST 2008KE2343, kokikichut TIST eng arawet ab somok eng 2008. Nguni ketinye kenysisiek somok eng TIST!. Kurubitnyon ketinye membaek tisap che , Mary Taiku, Mary Kathei, Loise Nderi, Charles Kamunya, Shemith Waithira, Pherister Wanjiku and Julius Mwai. Kikeboisie tugul ketoreti ge eng kanamet ab betisiek ak chobet ab imbarenik chebo ripest ab ngungunyek. Kotienge kokigenyuru bandabtai neo agoi inguni,

kigemin ketiik 2,463. Kurubitnyon kokiliban eng January keniyini. Kibo korak Mutii-ini community forest association (CFA). Kikinam eng kibagenge koboto kurubisiek ab CFA alak ketiik chesire 6,000. Oeng eng membaek ab kurubinyon kokikonyor borotet koyob konetisiet ab jikosiek. Eng inguni kotese tai konetech ak kurubisiek alak eng klasta nenyon nebo Karaba. Kotienge kokiketech jikosiek 18 eng Klasta nenyon.