

# Mazingira Bora

Not for sale

Newsletter July 2024

**tist** Growing Trees  
Growing Leaders

1. We are Honest
2. We are Accurate
3. We are Transparent
4. We are Servant to each other
5. We are Mutually Accountable to each other

www.tist.org

English Version

*TIST is an innovative, time - tested, afforestation program led by the participants.*



**Urru TIST Cluster meeting held on 19/6/2024.**

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  - ✓ **TIST: Small Group Techniques: Group interaction.** Page 4
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## Thinning your trees for successful growth avoid clear-cutting.

**W**e are very proud that almost all TIST members are following the TIST Values and living by the contract that they signed. Very few TIST members have broken the contract, clear cut their trees, and sold them for other uses. In fact, less than 1% of the 40,000 TIST groves in Kenya have been cut during the eighteen years that TIST has been operating in Kenya.

The purpose of having regular thinning is to achieve maximum growth and value of the trees that are left standing. The cuttings also provide firewood, poles, building materials, and other benefits directly to the TIST participant. That is the reason that we have the policy of creating a sustainable forest by only harvesting a maximum of 5% of the trees per year, after the trees are 10 years old.

When an occasional TIST member decides to clear cut their grove, they harm all the rest of the TIST members in their Small Group, in their Cluster and in all of Kenya. The actions of very few people can cause big problems for everyone. We expect other Small Group members and members of the Cluster to pay attention and make sure that no one cuts trees before they are supposed to.

The OLC is going to work with some of the participants who made a mistake and cut the trees to work out a proper plan for those people to reinvest some of their profits into the TIST Program, so they are able to help other farmers rather than hurt them.

When we signed the GhG Agreement, we committed to maintain the trees we plant for TIST to let them grow for 30 years before harvest. This is one reason it's so important to think carefully about what kinds of trees we want to grow on our farms. Thinning and pruning can help keep trees healthy and provide useful products while the trees grow.

The purpose of thinning and pruning trees is to improve individual tree health, as well as overall forest health. This is done by protecting the "best" trees in the forest and thinning the others. Trees may have different needs for space depending on species, site, planting style (woodlot, incorporated into crop fields, or windbreak), and climate, but some general principles apply.

To grow strong, healthy trees, a spacing of two meters or more is recommended. This spacing works for many TIST trees (i.e., grevillea and



cypress), but remember some trees like mango and macadamia require more space. Giving trees proper spacing helps them get enough water and nutrients to grow to their full potential. Closer spacing is acceptable when trees are young. As the trees begin to mature, some trees will be larger and more robust than their neighbors. These are the trees that should be kept. In determining which trees should be removed, look at the best trees and determine if they are appropriately spaced. If they are not, you should remove some nearby trees.

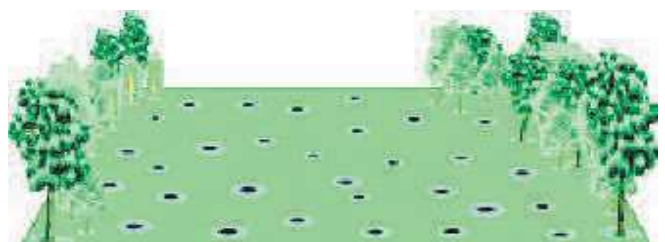
When making thinning choices, remember that growth rate varies greatly by species. If a mango tree is growing near lots of exotic trees, the mango may be far smaller and slower growing than the fast-growing exotic trees, but it certainly should not be cut simply because it is smaller! A mango tree is of great importance due to its usefulness in producing fruit for food and sale.

**Best Practices while Thinning**

- ✓ Allow crop trees to grow to maturity.
- ✓ Thin to proper stocking (number of trees per acre). In TIST, we can select up to 5% of our trees, after 10 years, thinning by selecting as they grow, and providing income.

- ✓ Remove dying, diseased, decaying, and poor-quality trees.
- ✓ Protect trees from logging damage.
- ✓ Use low-impact logging methods.
- ✓ Promote tree species diversity.
- ✓ Monitor your forest for insect and disease outbreaks.
- ✓ Cooperate with government agencies in controlling forest insect and disease outbreaks.
- ✓ Prevent wildfire.

**DO NOT do this.**



**Clear cutting.**

**DO THIS.**



**Single tree selection.**



## TIST: Small Group Techniques: Group interaction.

**a) *What is the best way to arrange people during a Small Group meeting?***

A small circle is the best. Don't have a table because it creates barriers between people. Don't have a chair and a large seat for the most important person. In TIST, we all sit the same way. We either all sit on the ground, or we all sit on chairs.

**b) *What do you do if more than twelve people want to join your group?***

If there are more than twelve people interested in joining your group, it is best to form a new group. The group can multiply with two, or three or four members of the original group forming the core of the new group. This is better than one member trying to start a group alone. Remember to start using rotating leadership straight away.

**c) *What techniques can you use if the group energy is low?***

Split up the group into pairs and get each pair to talk about the task. Dramas also help.

Sometimes stopping and each person saying something good that their group is doing can also motivate people again. Also remember to keep the meeting from becoming too long. By having a Co-leader who is keeping time, you can focus the group's energy on making sure the work gets done in the agreed upon time period.

### **Meeting Schedule:**

To manage time well, a Small Group should have a well-organized meeting schedule. This is important because it will help you keep focus on your agenda and the most important activities. It is also important because in TIST, we commit to work together for the long-term to improve our farms and grow and maintain our trees for the carbon market. We need to know our fellow Small Group members well, since each person's actions impact our whole group and all of TIST.

It is important, too, for your Small Group to have regular meetings, preferably once a week or once in two weeks. This will give all members in your group an opportunity to strengthen your group and share and learn new ideas.

During your meeting, it is necessary to focus on important issues. Many TIST Small Groups have found the process below as a Best Practice for successful meetings:

### **Step I. Greetings and introductions for any new members (5 – 15 minutes):**

Make sure everyone feels welcomed. Make it brief but let each person introduce him or herself.

### **Step II. Opening prayer (2 minutes):**

A short word of prayer can help the group unite.

### **Step III. Songs (5 minutes):**

These could be songs written by your group, or songs that encourage people such as religious songs.

### **Step IV. Agreement on task and time (5 minutes):**

The meeting's leader explains what was planned for the meeting and the group members discuss and then agree on what the agenda should be. The time spent on each task or discussion should be agreed so that the co-leader can help keep the meeting on time.

### **Step V. Group work on tasks (1 hour):**

Ideally, tasks should have been discussed at the end of the last meeting. Tasks might include sharing what each person has done to help TIST activities, sharing Best Practices, training on some subject of interest, and any other important issue that will help your Small Group to prosper.

### **Step VI. Kujengana (5 minutes):**

Each group member makes one positive, specific statement to that week's leader about his or her observable leadership of the meeting. In addition, anyone may identify a gift seen in the leader.

### **Step VII. Closing prayer (2 minutes)**



## TIST: Guidelines on Restoration of Groves.

In some instances, Cluster Servants are having requests from farmers to have their old tree groves restored back. Some of these groves were dropped from TIST website when some farmers refused quantification due to some reasons or they were marked inactive because they couldn't be accessed because of bush or any other reason. Some were mistakenly dropped due to technical problems.

We want to serve such farmers restore their groves if they are genuinely keeping trees. There are Groves that have been harvested and they cannot be restored. Such Groves will harm the entire program.

### Here is the guideline in restoring old groves.

1. A farmer should make such a request during the Cluster Meeting. He/she should explain why he/she want that Grove be restored.
2. Cluster Servant if satisfied with the request, should visit that grove and make assessment of it. Check whether the grove is still intact with trees and take photos of the grove.
3. Cluster Servant should share photos of such Groves with any member of Leadership Council and to any Desk Auditor.
4. Photos should be taken whether or not the Grove has trees. Even if it will not qualify to be restored, please continue to share photos.
5. Cluster Servant will then give their report during the next Cluster meeting. If Cluster leaders recommend the Grove to be restored, Cluster Servant will take note of that Grove and forward the request to Regional Tech person.
6. The Regional Tech person will review it and have it restored within a week.
7. After the Grove is restored, a Cluster Servant will within 2 weeks Quantify that Grove. It is recommended that the entire Group Groves be re- quantified especially if it is past 30 days quantification.



# TIST: Cluster Best Practices.

## Why Do We Work in Clusters?

1. To keep costs of serving TIST Small Groups low so that more carbon money goes to farmers.
2. To allow Small Groups to serve themselves more easily.
3. To allow TIST to expand more quickly by partnering with organizations who want to join TIST.

## What Does a Good Cluster Look Like?

- o A Cluster should have 30-50 Small Groups.
- o A Cluster's Small Groups should be within walking distance of a central meeting point.
- o A Cluster should do accurate quantification and high quality training.
- o A Cluster should have enough seedlings in nurseries for annual planting needs.
- o A Cluster should have enough seedlings in nurseries for annual planting needs. TIST Small Groups Plant 'the right number' of trees around their houses, along fence lines, mixed with crops in their shamba, etc.

## What Should a Good Cluster Do?

- o A Cluster should hold elections each 4 months to select an Accountability Person who will rotate through the positions.
- o A Cluster should meet every month for training, sharing of best practices, distribution of *Mazingira Bora Newsletter*, payments, and other matters.

- o At Cluster meetings, representatives should share information transparently with other members, such as how the cluster budget was used.
- o At the monthly Cluster meeting, a Cluster should submit their Cluster Meeting Record and their Cluster Accounting Form by Android phone Pendragon Forms.
- o A Cluster should actively request quantifications when needed.
- o A Cluster should ensure that quantification is accurate.
- o A Cluster should work to improve data quality of its Small Groups so that more trees can be eligible for the carbon market (included in Carbon Project Documents).
- o A Cluster should work to make payments to each Small Group.
- o A Good cluster is always recruiting and training new Small Groups. GROWTH makes the TIST program stronger! A Cluster should multiply in 2 when it reaches 400 members.

## The Best TIST Clusters Will be Able to:

1. Receive more budget to manage more of your own operations.
2. Get more money per tree for each farmer
3. Be invited to a Best Clusters Seminar.
4. Take on responsibilities for training other clusters.

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**Kimera Version**

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**Urru TIST Cluster wakiwa kwa mkutano wao tarehe 19/6/2024.**

- Inside:**
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## Caa miti kenda ikura bwega na turigirie kuriika buru.

**I**tukwiguna mono tontu akui amemba bonthe ba TIST ibakuthingaatira maritano ja TIST gukurukiira gucaina gwa contract. Ni amemba bakai ba TIST batiumbite gwika wirane, bagitite miti buru na bendia niuntu bwa ngugi ingi. Amu nthiguru ya imwe kiri igana (1%) ya tumwitu 40,000 twa TIST ndene e Kenya nitugiti igitene ria miaka inana iria TIST ithiritwe ikiritaga ngugi Kenya.

Gitumi gia gucaa miti nikenda miti iria itigarite ikura bwega. Gucaa igutethagiria na nkuu, ikingi, into bia bwaka na ibitethagiiria amemba ba TIST. Kiu nikio gitumi twithagirwa turina policy ya kugita miti gacunci ka ithano kiri igana (5%) o mwaka miti yakinyia ukuru bwa miaka ikumi keenda tumwitu tutikathire.

Riria mumemba umwe wa TIST abangaga kugiita miti yonthe, ugwati ibutonyaga kiri amemba bangi bonthe ndene ya gikundi, ndene ya cluster na Kenya. Ii mma tumantu tuu tutuniini ituretaga thiina kiri muntu wonthe. Itukwirigiira amemba ba cluster na ikundi bakathingatiira uju na gutiwe ukagiita miti riria itibati.

OLC niitite gwita ngugi na amemba baria beeirie na kugita miti kenda boomba kubanga uria bagatethia antu bau gutumira baita yao kiri mitaratara ya TIST ya gutethia arimi. Riria twacainire gwitikaniria kwa GhG, twaciejanire kumenyeera miti iria twandite ya TIST na kumirekeria ikura kagita ka miaka mirongo ithatu mbere ya gutemwa. Giki nikiabata kenda tuumba kumenya miti iria tukaanda miundene yetu. Gucaa na gukuura igutethagia miti gukura bwega.

Gitumi kia gucaa na gukuura miti nikenda o muti gukura bwega amwe na mwitu. Bubu buthithagua na njira ya kumenyeera miti iria miega na gukuura ingi. Kiri mithemba imingi ja miti imiumo, giriberia, mibao mauta na cypress, iria ikuuragwa ni imenene na itamburuki. Miti irina mobataru mwanya gukurukiira mithemba, aria yaandi, uria iandi na naria yaandi indi mantu jangi ijabati kuthingatirwa.

Gukuria miti irina na inya, waarii bwa mita ijiri ibu bubati. Waarii bubu ibubujaira mono miti ya TIST i.e. giriberia na cypress indi riikana miti ingi ta miembe na mikandania yeendaga waarii nkuruki. Kwaa miti waarii bubwega ibutumaga





ikoona ruuji rwa kung'ana na ruuji nkuruki kenda ikura uria ibaterie. Gukuianiiria kwa miti kwendekanaga miti iri micanchaana. Miti yaambiriiria gukura, imwe ineneaga nkuruki ya ingi, iji nio ibati gukurua. Kenda umenya ni miti iriku ubati gukuura, tega miti iria miega na wone kethira irina waarii buria bwagirite. Kethira tiu, kuura miti iria iri akui.

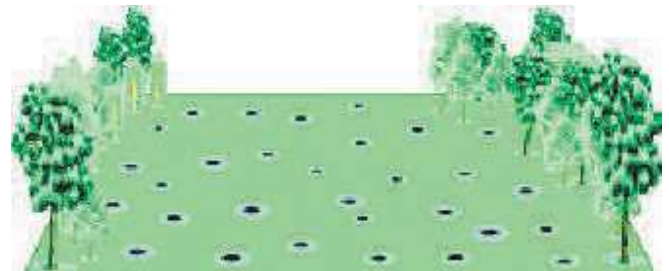
Riria ugucaa menya, miti ikuraga mwanya kuringana na muthemba mwanya. Kethira muembe ijugukurira akui na mubau mauta, jugakura mpaari nkuruki ya mubau mauta, indi jukagitwa nontu l muniini! li mma muembe jwina bata mono nontu ijuciaraga matunda ja kuria na kwendia.

### **Njira injega ya gucaa.**

- ✓ Eteera miti ikure buru.
- ✓ Chaa kuringana na wingi (kuringana na miti kiri acre). Kiri TIST, tuthuuraga gacunci ka ithano kiri igana (5%) kiri miti yetu, nyuma ya miaka ikumi tugicaaga kuringana o uria igukura na gutwaa baita.
- ✓ Kuura miti iria ikwora, ikunyaara, irina murimo na iria itigukura bwega.

- ✓ Rigiiria miti ityakarikwe.
- ✓ Riika na njira iria yaagirite.
- ✓ Anda miti ya mithemba imingi.
- ✓ Menyeera mwitu jwaku nontu bwa mang'inyo na mirimo.
- ✓ Gwatanira na thirikari niuntu bwa kumenyeera mang'inyo na mirimo.
- ✓ Rigiiria mianki ya mwitu.

### **Ukathithia uju.**



### **Kugiita miti buru.**

### **Thithia uju.**



### **Kugiita muti jumwe jumwe.**



## **TIST: Njira cia ikundi bibinini: Gukaranira gwa gikundi.**

**a) Ni njira iriku iri injega buru ya kubangania antu mucemanione jwa gikundi gikinini?**

Kithiururi gikinini ni njira iria njega buru. Gukethirwa kurina metha niuntu nitumaga gukagia kigitaria gati gati ka antu. Gukethirwa kurina giti kana giti gikinene kia muntu uria urina gitio kiria kinene buru. Ndene ya TIST, twinthe tukaraga nthi na njira imwe. Twinthe tukaraga nthi muthetune kana tugakarira iti

**b) Niatia buumba kuthithia kethira antu nkuruki ya ikumi na bairi ibakwenda gutonya gikundine kienu?**

Kethira kurina antu nkuruki ya ikumi na bairi baria bakwenda gutonya gikundine kienu, ni bwega nkuruki kwambiria gikundi gikieru. Gikundi nokigaane jairi, kana amemba bathatu kana banna ba gikundi kiu gikuru baambie gikundi gikieru. Iji ni njira injega nkuruki ya mumemba umwe kugeria kwambiria gikundi wenka. Ririkana kwambiria utongerira bwa kithiuruko orio.

**c) Ni njira iriku umba gutumira kethira inya ya gikundi iri nthiguru?**

Gaana gikundi kie antu bairi bairi na antu bau bairi baririe ngugi iria irio. Matinda kinya jo nijatethagia. Rimwe na rimwe kurungamithia na kuuria o muntu auge gintu kimwe gikiega kiria gikundi kienu gikuthithia o gutethia gwekira antu motisha ingi. Ririkana kinya kumenyeera ati mucemanio jutarea mono. Na njira ya kwithirwa kurina muthetheria wa mutongerira wa gwika mathaa, bukomba kwerekeria inya ya gikundi kiri kumenyeera ati ngugi ikathithika ndene ya mathaa jaria ibangiri.

### **Mubango jwa mucemanio.**

Kenda mathaa jatumika bwega, gikundi gikinini nikibati kwithirwa kiri na mubango jubangi bwega jwa gwitithia mucemanio. Bubu burina bata niuntu bugatetheria kumenyeera ati mathuganio nijerekerete mantu jaria jabangiri na mantu jaria jarina bata nkuruki. Kinya burina bata niuntu ndene ya TIST, nituciritahira gwitaniria ngugi amwe kenda igitene riraja tukura na twika miti yetu bwega niuntu bwa thoko ya ruugo. Nitugwitia kumenya amemba ba gikundi gietu gikinini bwega niuntu mathithio ja o muntu nijathithagia mwanya kiri gikundi na TIST yonthe.

Kairi burina bata gikundi giaku kinini gwita micemanio ya igita nyuma ya igita, mono o kiumia kana rimwe ndene ya biumia biiri. Bubu bukua

amemba bonthe ndene ya gikundi giaku kanya ga gwikira gikundi inya na kugaana na kuthoma mantu jameru.

Mucemanione, kurina bata kwerekeria mathuganio mantune jaria jarina bata nkuruki. Ikundi bibinini bibingi bia TIST nibionete njira iji iri mwitire juria mwega buru kiri kuthithia micemanio ya bata:

**Itagarira ria mbele. Gukethania na gucimenyanithia kwa amemba baaberu (Dagika ithano gwita ikumi na ithano):** Menyeera ati muntu wonthe nakwigua ang'anirite. Dagika inkai itumirwe indi umenye ati o muntu nakwimenyithania wengwa.

**Itagarira ria jairi. Iromba ria kwambiria (Dagika ijiri):**

Iromba ririkui noritethia kureta gikundi amwe.

**Itagarira ria jathatu. Ndwimbo (Dagika ithano):**

Iji nociithirwe ciandiki ni gikundi kienu kana ndwimbo cia gwikira antu inya ta ndwimbo cia kidini.

**Itagarira ria janna. Gwitikaniria ngugi na mathaa (Dagika ithano):**

Mutongerira naugaga jaria jakathithua mucemanione na amemba ba gikundi bagetikaniria kurita ngugi iu. Mathaa jaria jagatumika kuthithia o ngugi kana kwaniria nijabati gwitikanirua nikenda mutetheria wa mutongerira agatetheria gwika mathaa ja mucemanio.

**Itagarira ria jatano. Gikundi gikarita ngugi iria irio (Ithaa rimwe):**

Kiri njira iria bwega buru, ngugi nicibati kwithirwa ciaariritue mucemanio jugikinya muthia. Ngugi nociithirwe ciri amwe na kugaana jaria o muntu athithitie gutethia mantu ja TIST, kugaana mitire iria miega buru, kuritana kwegie mantu jaria antu bakwenda na gintu kingi kiria kirina bata na kiria gikatethia gikundi giaku gwita na mbele.

**Itagarira ria jatantatu. Gwakana (Dagika ithano):**

O mumemba wa gikundi auge gintu kimwe gikiega kiri mutongerira wa kiumia kiu kwegie utongerira buria bwonekete ndene ya mucemanio. Kwongera, muntu omba kuuga kiewa kiria oonete ndene ya mutongerira ou.

**Itagarira ria mugwanja. Iromba ria kuthiria (Dagika ijiri):**



## TIST: Mutaratara wa gucokia miunda iria yariti kiri muradi.

**M**agita jamwe atari ba miti (Clasta Servants) nimbakugwata iromba kuuma kiri arimi miunda yao imikuru iria yaritirwe kiri muradi icokue ringi. Miunda iji yaritirwe kiri website ya TIST riria murimi aregire gutarirwa niuntu bwa itumi mwanya kana yaritwa niuntu bwa kurema gutarika ni ithaka kana nkinya gitumi kingi o kiothe. Miunda imwe ni yaritirwe nkinya ni thina ya mitambo.

Nandi ni tukwenda gutungata arimi ja baba kethira noo bamenyerete miti yao. Kuri nkinya miunda itemi miti yonthe na iu itiumba gucokua. Miunda ja iji ni ireterete thina muradi junthe.

### Juju ni ju mutaratara wa gucokia miunda iji imikuru.

1. Murimi arete iromba riawe kagita ka mucemano jwa o mweri. Ni amenyenythie amemba niki akwenda muunda uju ucokua kiri muradi.
2. Cluster Servants kethira bakugwatanira na iromba riri, Ni beete muundene bategeere nkuruki. Nibatege boone kethira muunda

juri na miti na baringe mbica ya muunda juju.

3. Cluster Servants niboonanie mbica iji kiri clasta servant, atongeria ba Leadership Council ona kana Desk Auditor.
4. Mbica nonkinya ijukue kethira muunda juri na miti kana jutinayo. Onankinya jukithira juticokua kiri muradi, itani na mbere kuringa mbica.
5. Cluster Servants beete mbere kuejana ripoti kiri mucemano jou jungi jwa clasta. Kethira atongeria bagetukia muunda juju jucokue, clasta servant akajukia iromba riri na aikie kiri Regional Tech person nikenda jucokue.
6. Regional tech person agategeera na atigiire jugucokua ndeene ya ntuku mugwanja.
7. Muunda juju jwacokua, clasta servant akeja ndeene ya jiumia ijiri kujutegeera na kujutara. Ageeta mbere gutarira amemba bonthe kethira gikundi giki nikirathiritie nkuruki ya mweri jumwe kuuma riria giataririria muthia.



# TIST: Njira injega ya gwita ngugi ndeene ya clasta.

## Niki turitaga ngugi na clasta.

1. Nikenda kugia na matumiri ja makai ja gutungatira ikundi na marihi ja kaboni joomba kwongereka na gukinyira murimi.
2. Gutigiira tukundi tunini nitukuumba gutungatanira na njira itina inya.
3. Gutigiira muradi wa TIST niukuumba gutamba na njira inene bakigwatanagiira na ikundi ingi iria ikwenda kuthungira ndeene ya TIST.

## Clasta injega ithagirwa ikari atia?

- o Clasta ibwiiri ithirwe iri na ikundi 30-50.
- o Ikundi cia clasta ibaterie kwithirwa iri antu amwe aria boomba gwiita na maguru kiri aria bacemanagia.
- o Clasta nonkinya itigiire miti ni itari bweega na amemba bakathoma bweega.
- o Clasta nonkinya ithirwe iri na miti ya nasari ya kuanda o mwaka. Tukundi tunini twa TIST kuanda miti iria miega akuhi na micii yao, kiri mikumbu ya miunda, kuanda miti amwe na imera ndeene ya miunda na ingo inyingi.

## Clasta injega ibataritie kuthithia atia?

- o Kuthithia ithurano kagita ka mieri 4 kuthuura mwiki mathabu uria akathiurunka kiri utongerira.
- o Clasta ibaterie gucemania o rimwe ndeene ya mweri, kugaana njira injega cia gwita ngugi, kuejana mazingira bora, marihi ja ikundi na ngugi ingi.

- o Kiri micemanio ya clasta, atongerira nibaejanaga ripoti na njira ya utheri kiri amemba bangi, ja uria budget itumirikite.
- o Kiri mucemanio jwa o mweri, clasta nonkinya itume ripoti ya mucemanio na matumiri ja mathabu na thimu ya android na pendragon form.
- o Clasta ibataritie igetagia gutarirwa miti kagita karia rionthe ikwendekeka.
- o Clasta nonkinya iite nguugi na inya gutigiira data ya miti ni injega ya tukuundi na gutigiira miti nikuumba kugwata mbeza cia kaboni na njira ya gutonyithua kiri (PDD).
- o Clasta nonkinya itigiire miti ni igutarwa bweega.
- o Clasta nonkinya iite ngugi gutigiira ikundi cionthe ndeene ya clasta ni ikugwata mbeza.
- o Clasta injega nonkinya ikare ikithomithagia na kwandikithia ikundi ingi ndeene ya TIST. Gukura kiri TIST niku kumikagira inya! Clasta nonkinya igaciarana maita jairi igakinyia nkuruki ya amemba 400.

## Clasta iria njega cia TIST ikoomba:

1. Kugwata budget inyingi nikenda yuumba gwitithia ngugi ciayo na mbere.
2. Kugwata mbeza inyingi o kiri muti na kiri o murimi.
3. Kugwata kanya ka gwita semina ya clasta iria njega.
4. Kugwata kaanya ka kuthomithia clasta ingi.

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**Kikuyu Version**

*TIST is an innovative, time - tested, afforestation program led by the participants.*



**Urru TIST Cluster mari mucemano-ini wao mweri 19/6/2024.**

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## Guceha na gutagania miti yaku niguo ikure wega.

**T**hiini wa TIST, nitwirutagira guturia miti iria twahanda na tukatreke ikure miaka itanyihiire 30 mebre ya gutemwo. Giki nikio gitumi kinene giagutuma twicirie muno mithemba ya miti iria turahanda migunda-ini iitu. No ona kuri o uguo, guceha na ggutagania miti niguteithagia miti gukura ii na hinya na kuheana umithio mwega riria irakura.

Hamwe, gitumi kia guceha na gutagania miti ni kwongerera ugima wa muti kiumbe na wa mutitu uri wothe. Uu wikikana kuhitukira gucchagura miti iria miega thiini wa mutitu. Kuri mithemba miingi, hamwe na miti iria itagwo hardwoods, grevillea na mibau na mithithinda, niyo muno ikoragwo iri minene gukira iria ingi iri mitungu wega. Miti niibataraga muiganu wa mugunda ngurani kuringana na muthemba wago, kuria uri, muhandire na riera no maundu mangi nimatumaga.

Niguo muti ukure uri na hinya, utaganu wa 2 mtrs niwagiriire. Utaganu uyu wagagirira miti miingi (ta grevilla na cypress), no uririkane miti ingi niibataraga utaganu munenanene (ta maembe, macadamia). Riria wahee miti utaganu muiganu nigutumaga miti ikinyirwo ni maai na unoru wa tiiri ni igakura wega na iri na hinya. Utaganu munini wa miti nimwitikiriku riria miti iri minini. Na riria yambiriria kugimara, miti ingi niigukorwo iri miraihu gukira iria ingi. Ino niyo

miti iria yagiriirwo gutigwo mugunda. Niguo umenye miti iria ugutema, rora miti iria miraihu na wone kana niitaganitio wega na angikorwo timitaganu no uteme imwe yayo.

Thutha wa kumenya miti iria ugutema, mitemere haria gitina-ini. Thutha wa ciumia na mieri, imwe yayo niithudukaga. Na niguo ndigakure ringi, tinia mahuti maria marathunduka kuma githuki-ini.

Njira imwe ya iria huthu ya kumenya muti kana niwagiriirwo nigutemwo nikurora unene wayo uringithanitie na iria iriganitie nayo iri ya riika na mutemba umwe. Gukura kwa miti nogukorwo kuri na utiganu kuringana na tiiri na maai na mangi maingi. Angikorwo miti ya muthemba umwe mwena umwe iri na ukuru uiganaine, miti iria minene niyagiriirwo ni gucagurwo niguo ikure. Njira ingi ya kumenya ugima wa miti ni kurora mururi wago. Miti iria iri na mururi muraihu gukira iiria ingi noihote kwamukira utheri muiganu na ikure na ihenya. Na muthia, miti yagiriirwo gukura na mwahu umwe, na itari na mirimu minene kana ironda. No ona kuri o uguo, uu tikuga ati miti yothe minii niyagiriirwo nigutemwo! Tigirira utaganu niwa 2-3mtrs niguo miti ikure iri minene niguo ihote kugucia carbon nyingi.

Ugitua matua ma gutagania, ririkana mukurirme wa muti ningurani kuringana na muthemba wa



muti. Angikorwo miti ya maembe irakuranira na mibau, maembe nomakure mari manini na ikure kahora muno gukira mibau iria ikuraga na ihenya, na ndiagiriirwo nigutemwo tondu niminini! Muti ta muembe niwabata niundu wa matunda maria ukuragia na makendio.

Maembe nimakuranagira na indo ingi migunda-ini. Mibau ndirekaga muti kana mumera ungi ukure hakuhi. Niwega kuririkana uguo riria uracagura miti ya gutagania.

Miti niikoragwo na mabata maingi kuringana na muthemba waguo. Kwa muhiano, nowende muti niundu wa kiruru. Niundu wa uguo, niwagiririrwo kuhe muti mweke muiganu niguu utheremie mahuti.

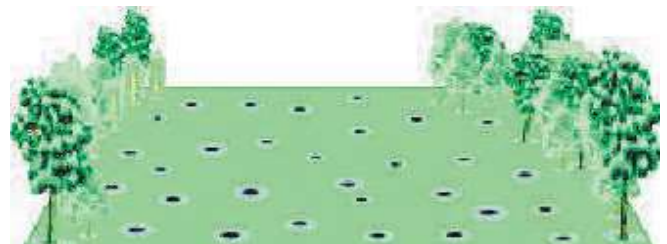
Angikorwo urenda gukuria muhari wa miti niundu wa kunyihia ruhuho, tigrira miti niyakuhaniriria no wehutie iria itari mahariini niguu ndugathondeke githaka.

### **Mitaratara ya gutagania.**

- ✓ Reke miti ikure nginya igimare.
- ✓ Korwo na namba ya miti iratwarana na muigana wa mugunda waku. Thiini wa TIST, noucagure gicunji kia miti kia 5%, thutha wa miako 10, gutagania miti o igikuraga na kurehe umithio.

- ✓ Eheria miti iria irakua, iri na mirimu na itari na ugima mwega.
- ✓ Gitira miti kumana na utemi utari mwitikiriku.
- ✓ Tema miti na njira itakuhukia mutitu waku.
- ✓ Handa miti mithemba miingi.
- ✓ Rora mutitu waku ndugatharikirwo ni tutambi.
- ✓ Nyitanira na honge cia thirikari niguu kugitira mirimu.
- ✓ Gitira miaki.

### **Ndugeke uu.**



### **Kuheria gutheria.**

### **Ika uu.**



### **Guthuraniria miti.**



## **TIST: Maundu ma ikundi: Uikarania wa ikundi.**

**a) *Ni njira iriku njega ya kubanga andu mucemano-ini wa ikundi?***

Githiururi kinini nikio kiega. Mutigakorwo na metha tondu niikoraga mikira andu-ini.

Mutigakorwo na giti kinene kuri iria ingi kia mutongoria. Thiini wa TIST, ithuothe tuikaraga andu umwe. Tuikaraga thi kana tugaikarira iti.

**b) *Twikaga atia riria andu makiria ma 12 magia na wendi wa kuingira gikundi?***

Riria kwagia na andu makiria ma 12 marena kuingira gikundi, niwega guthondeka gikundi kingi. Gikundi giki nokigayanio maita 2 kana 3 ona kana 4 na niwega andu a tene gikundu mambiririe icio ingi mari o. njira ino ni njega gukira amemba eru makigeria guthondeka gikundi kieru mari oiki. Ririkanai guthiururukia utongoria.

**c) *Ungika atia riria hinya wagikundi wathii thi?***

Gayania amemba eri eri na umere mariririe uhoro ucio. Geriai guthaka mithako ya ngerekano tondu niiteithagia.

Maita maingi riria mundu umwe arugama kuga maundu maria mega muhotete gwika niguteithagia muno na gugekira hinya ringi. Na ningi ririkana ndukareke micemano inenehe muno. Riria muri na muteithia wa mutongoria uria uraiga mathaa, nouhote kuhuthira mucemano wega na mukaiguithaniria.

### **Mutaratara wa mucemano.**

Niguo kuhuthira mathaa wega, ikundi ciagiriirwo nigukorwo na micemano mibang wega. Njira ino niya bata tondu niigutuma murumirire mutaratara na muhote kwaririria maundu maria ma bata. Nangingi niyabata tondu thiini wa TIST nitukoragwo twiheanite gukiria na gutungata miti gwa kahinda kanene niundu wa thoko ya carbon. Nitwagiriirwo nikumenya arimi othe a ikundi wega, tondu ciiko cia I mundu nicia bata kuri gikundi.

Niundu wa bata, na makiria kuri gikundi gukorwo na micemano ya o hindi na mungihota o wiki. Uu niukuhe amemba thiini wa gikundi kamweke ga gwikira gikundi hinya.

Riria muri na micemano, niwega mureore maundu maria ma bata. Ikundi nyingi nicionete mutaratara uyu ukimateithia muno.

### **Ikinya ria I: Kugeithania na kumenyithania amemba eru(Ndagika 5-15):**

Tigirira o mundu niaigua amukiritwo wega. Mutikoe kahinda kanene no utigirire andu nimemenyithania.

### **Ikinya ria II. Mahoya ma kuhingura (Ndagika 2):**

Mahoya manini nimateithagia kunyitithania giundi.

### **Ikinya ria III Ruimbo(Ndagika 5):**

Ici nocikorwo iri nyimbo citungitwo ni gikundi kana ciagwikira andu hinya na cia kugooa Ngai.

### **Ikinya ria IV. Kuiguithania kiria gikwariririo na mathaa (Ndagika 5):**

Mutoingoria agatariria maundu maria makwariririo nao amemba magetikaniria. Mahida m a r i a makuhuthirwo kwaririria makaiguithanirio niguo muteithia wa mutongoria akahota kuiga mathaa.

### **Ikinya ria V. Kwaririria maundu (ithaa I):**

Niwega maundu maria makwariririo makoragwo mathondeketwo mucemano-ini urcio ungi. Maundu maya nita uria andu mahotete gukuria TIST, guthomithania maundu na mitaratara bata iria iguteithia gikundi gukura wega.

### **Ikinya ria VI. Kujengana (ndagika 5):**

O memba wa gikundi niaheanaga kaundu kega ka wiki iyo na akauga uria onete utongoria thiini wa mucemano. Na makiria, mundu o wothe akauga kiheo kiria onete hari mutongoria.

### **Ikinya ria VII. Mahoya ma kuhinga (Ndagika 2):**





## TIST: Maundu ma guteithia gucokia ngurubu.

**M**aundu mamwe, Cluster Servants ni moragio ni arimi gucokia ikundi cia miti gucokio. Ikundi ici cieheririo kuma kwa TIST website tondu arimi ni maregire gutarwo kwa miti niundu wa maundu matiganite kana ni mamakitwo uria gutagiriire tondu matingiakinyirikire niundu wa ithaka kana maundu mangi. Ikundi ingi cieheririo ni undu wa maundu mangi matiganite.

Ni turenda kurutithania wira na arimi ta aya gucokia ithaka ciao angikorwo ni ma ni mari na miti. Kuri ngurubu imwe magehire miti na ndingicokeka. Ithaka ici ni mathukitie mubango wothe.

### **Maya nimo maundu maria maguteithia gucokia ngurubu.**

1. Murimi abatie ritana hindi ya mucemano wa clasta. Abatie gutariria niki kingituma ithaka icokio.
2. Cluster Servants angiigua aiganira, athii agacerere ithaka. Angikora ngurubu iri oro ho na iri na miti ahure mbica.
3. Cluster Servants atumire mbica icio cia ithaka kuri aruti wira a clasta, mutongoria oro wothe kana Desk Auditor.
4. Mbica icio cibatie kuhurwo onangikorwo ngurubu ndiri na miti. Ona angikorwo ithaka ndikinyaniirio ikiro cia gucokio, thii na mbere gutumanira mbica.
5. Cluster Servants macoke maheane riboti mucemano-ini wa clasta. Atongoria a clasta mangitikira gikundi gicokio, muruti wira a clasta amenye na ni ithaka iriku na aneane ritwa ria ithakakuri uria urugamiire Regional Tech.
6. Regional Tech ucio agucokia ithaka iyo handu-ini ha kumia kimwe.
7. Thutha wa ngurubu gucokio, muruti wira wa clasta athii agacerere ithaka icio na gutara miti. Ni kwagiriire ngurubu ta icio gutarwo ringi kwa miti angikorwo thiku mirongo itatu ni hituku kuma riria miti yataritwo.



## TIST: Maundu maria twagiriirie gwika.

### Ni kii gitumaga turute wira ta Clasta?

1. Kuiga thogora wa ngurubu nini cia TIST uri thi niguo mbeca cia carbon cithii kuri murimi.
2. Kuhe kanya ngurubu nini kwirutira wira.
3. Kuhe TIST kanya ga kwarama na kunyitanira na makambuni niguo maingire TIST.

### Muclasta mwega ahana atia?

- o Clasta ibatie gukorwo na ngurubu nini 30 – 50.
- o Ngurubu nini cia Clasta cibatie gukorwo cikuhaniiririe muno na cikorwo na ha gucemanagia.
- o Clasta ibatie gukorwo itariirwo miti wega na githomo kia iguru.
- o Clasta ibatie gikorwo na mimera ya kuigana tuta-ini ciao niundu wa kuhanda mwaka mugima. Ngurubu nini cia TIST cihandaga 'namba iria njega' ya miti guthiururukiria nyumba, rugiri-ini, gutukania na mimera ingi migunda-ini etc.

### Muclasta mwega abatie gwika atia?

- o Clasta ibatie kugia na githurano thutha wa mieri 4 na guthura mundu mwagiriru uria uguthiururukana iti-ini ciothe.
- o Clasta cibatie gucemanagia oro mweri niundu wa guthomithio, kugayana urimi mwega, ugayania wa *Mazingira Bora Newsletter*, marihi, na maundu mangi.
- o Micemanio-ini ya Clasta, arugamiriri mabatie kugayana maundu gutari na uHINGA kuri a memba aria angi, ta budget ya Clasta uria ihuthikite.

- o Mucemanio-ini wa oro mweri, mumemba wa Clasta abatie kuneana record cia micemanio na form cia Clasta Accounting Form kuma kuri thimu cia Android Phone Pendragon Forms.
- o Muclasta abatie gwitia utari wa miti riria abatara.
- o Muclasta abatie kumenya ati utari wa miti ni wa ma.
- o Muclasta abatie kuruta wira na kuongerera data ya ngurubu nini yake niguo miti yao imenyekane niundu wa thoko ya carbon (hamwe na documents cia Carbon Project).
- o Muclasta abatie kuruta wira na guthondeka marihi ma oro ngurubu nini.
- o Muclasta mwega akoragwo akiingiria a memba eru kuri ngurubu nini. Ukuria uthondekaga TIST kugia na hinya! Clasta ibatie kwamuka ngurubu 2 riria makinya a memba 400.

### TIST Clasta iria njega ibatie:

1. Kwamukira budget niguo guthondeka mitaratarata.
2. Kugia na mbeca nyingi hari oro muti hari oro murimi.
3. Gwitwo githomo kia Clasta iria njega.
4. Kugia na uigiririki wa guthomithia aria angi a Clasta.

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Newsletter July 2024

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**Kiswahili Version**

*TIST is an innovative, time - tested, afforestation program led by the participants.*



**Urru TIST Cluster wakiwa kwa mkutano wao tarehe 19/6/2024.**

- Inside:**
- ✓ Kupunguza miti yako ili ikue vizuri, jiepushe na kukata miti yote. Uku. 2
  - ✓ TIST: Mbinu za vikundi vidogo: Mwingiliano wa kikundi. Uku. 4
  - ✓ TIST: Miongozo ya urejeshaji wa vichaka. Uku. 5
  - ✓ TIST: Mbinu Bora za Nguzo. Uku. 6



## **Kupunguza miti yako ili ikue vizuri, jiepuche na kukata miti yote.**

**T**unajivunia sana kuwa wanaTIST wote wanafuatilia maadili ya TIST na kuishi wakizingatia kandarasi waliyotia saini.

Ni wanaTIST wachache waliovunja mkataba huo, wakakata miti yote na kuiuza kutumika vinginevyo. Kwa kweli ni chini ya asilimia moja ya mashamba elfu arobaini katika Kenya imekatwa katika miaka nane ambayo TIST imekuwa Kenya.

Madhumuni ya kupunguza miti ni ili miti iliyobaki ikue na dhamani yake ipande inavyofaa. Miti hii iliyokatwa pia hutupa kuni, fito, vifaa vya ujenzi na faida nyinginezo kwa mshiriki wa TIST. Hii ndio sababu tuna sera ya kuanzisha msitu endelevu kwa kuvuna miti isiyopitisha asilimia tano baada ya miti kufikisha miaka kumi.

Wakati mwanaTIST mmoja napoamua kukata shamba lote, wanadhuru wanaTIST wote katika kikundi chao, katika cluster yao na katika Kenya yote. Kwa kweli, matendo ya wachache hao yaweza kuletea shida kila mmoja. Tunatarajia wanakikundi wengine na wanacluster kuwa makini na kuhakikisha kuwa hakuna anayekata miti kabla ya wanapopaswa.

Kikundi cha OLC kitafanya kazi na baadhi ya washiriki waliofanya kosa na kukata miti kufanya mpango wa hao watu kurudisha sehemu ya faida

yao katika mradi wa TIST ili waweze kusaidi wakulima wengine badala ya kuwaumiza.

Tulipotia saini mkataba wa makubaliano wa GhG, tuliahidi kutunza miti tunayopanda katika TIST na kuiacha kukua kwa muda wa miaka thelathini kabla ya kuvuna. Hii ni sababu moja ya kwa nini ni muhimu kufikiria kwa makini kuhusu ni miti ya aina gani tunayotaka kukuza katika mashamba yetu. Kupunguza miti na kupogoa kwaweza kusaidi kuweka miti ikiwa yenye afya na kutupa vitu vinavyotumika miti bado ikikua.

Kwa ujumla, maana ya kupunguza na kuipogoa miti ni kuboresha afya ya kila mti, pamoja na ya msitu wote. Hili litafanyika kupitia kuichagua miti iliyo bora zaidi katika msitu. Kwa aina nyingi za miti, pamoja na miti ya mbao, grevilea, mikaratusi na cypress, miti hii san asana huwa miti mikubwa zaidi, kila mti ukiwa na shina moja lililonyooka. Miti yaweza kuwa na mahitaji mbalimbali ya nafasi kulingana na aina, mahali, ilivyopandwa (miti iliyo mashambani ya mimea ya vyakula ama miti iliyopandwa ili kupunguza upepo) na tabia nchi, lakini kuna kanuni zingine za kijumla hutumika.

Kukuza miti iliyo na nguvu na afya, nafasi ya mita mbili hupendekezwa. Nafasi hii ni sawa kwa miti



mingi ya TIST (grevillea na cypress), lakini kumbuka kuwa miti mingine huitaji nafasi zaidi (miembe na mikandamia, kwa mfano). Kuipa miti nafasi inayofaa huisaidia kupata maji na virutubisho tosha vya kuikuza hadi panapowezekana. Nafasi ndogo zaidi inaruhusiwa miti ilipo michanga. Miti inapokua, miti mingine itakuwa mikubwa kuliko majirani. Hii ndiyo miti wapaswa kuacha. Kuchagua ni miti gani ya kukata, angalia miti iliyo bora zaidi na ujue kama ina nafasi ifaayo. Kama haina, wafaa kutoa miti mingine iliyo karibu.

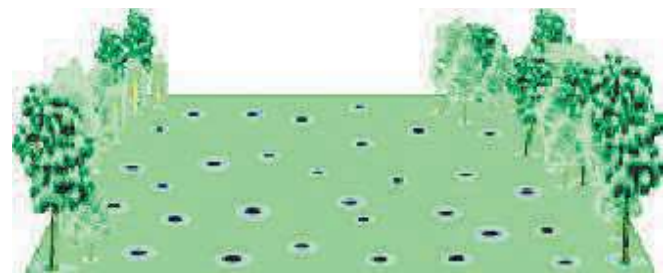
Unapofanya uhamuzi wa kupunguza miti, kumbuka kuwa kiwango cha ukuaji hutofautiana kulingana na aina ya mti. Kama mwembe unakua karibu na mikaratusi mingi, mwembe unaweza kuwa mdogo na unaokua pole pole zaidi ya mikaratusi inayokua haraka, lakini kwa uhakika haupaswi kukatwa kwa sababu ni mdogo zaidi! Kwa kweli, mti kama mwembe ni wenye umuhimu mkubwa kwa sababu ya matumizi yake katika kupeana matunda ya kula na ya kuuza.

### **Mazoezi bora unapopunguza miti.**

- ✓ Iruhusu miti kukua hadi ukomavu.
- ✓ Punguza hadi inavyofaa (nambari ya miti katika ekari). Katika TIST, twaweza kuchagua hadi asilimia tano ya miti yetu, baada ya miaka kumi, kupunguza kupitia kuchagua inavyokua na kutuletea pesa.

- ✓ Kata miti inayokufa, iliyo na magonjwa, inayooza na isiyo na ubora.
- ✓ Linda miti kutokana na uharibifu kutakana na ukataji wa magogo.
- ✓ Tumia njia za ukataji magogo zenye athari chache inapowezekana.
- ✓ Himiza wingi wa aina za miti.
- ✓ Fuatilia msitu wako ili kujua kukizuka wadudu na magonjwa.
- ✓ Shirikiana na kampuni za serikali katika kudhibiti kuzuka kwa wadudu na magonjwa.
- ✓ Zuia mioto ya msitu.

### **USIFANYE hivi.**



**Kukata miti yote.**

### **FANYA hivi.**



**Chagua mti mmoja mmoja.**



# **TIST: Mbinu za vikundi vidogo: Mwingiliano wa kikundi.**

**a) Ni njia gani bora zaidi ya kuwapanga watu wakati wa mkutano wa Kikundi kidogo?**

Msiwe na meza kwa sababu inajenga vizuizi kati ya watu. Msiwe na kiti cha kukaliwa na mtu aliye na muhimu zaidi kati yenu. Katika TIST, sote twaketi kwa njia iliyofanana. Sote hukaa chini udongoni au sote kukalia viti.

**b) Mtafanyaje kukiwa na watu zaidi ya kumi na wawili wanaotaka kujiunga na kikundi chenu?**

Kama kuna zaidi ya watu kumi na wawili wanaotaka kujiunga na kikundi chenu ni vizuri zaidi kuanzisha kikundi kipya. Kikundi chaweza kujigawanya na kuwa vikundi viwili, ama wanakikundi asili watatu au wanne wawe msingi wa kikundi kipya. Hii ni vizuri kuliko mwanakikundi mmoja kujaribu kuanzisha kikundi peke yake. Kumbuka kuanza uongozi wa mzunguko kutoka mwanzo.

**c) Ni mbinu zipi mwaweza kutumia ikiwa nishati ya kikundi iko chini?**

Gawanya kikundi kiwe wawili wawili na uulize kila jozi kujadiliana kuhusu kazi iliyopo. Michezo ya kuigiza husaidia pia. Mara kwa mara kuwasimamisha na kila mtu kusema kitu kizuri ambacho kikundi chao kinafanya husaidia kuwapa watu motisha nyingine. Pia kumbuka kuuachisha mkutano usiwe mrefu. Kwa njia ya kuwa na msaidizi wa kiongozi anayesaidia kuweka masaa, unaweza kuelekeza nishati ya kikundi kuhakikisha kazi inafanyika katika muda uliopangiwa.

### **Ratiba ya mkutano.**

Kutumia muda vizuri, kikundi kidogo chapaswa kuwa na ratiba ya mkutano iliyopangika vizuri. Hii ni muhimu kwa sababu itakusaidia kuzingatia yaliyo katika ajenda na mambo yaliyo muhimu zaidi. Ni muhimu pia kwa sababu katika TIST, tunajitolea kufanya kazi pamoja kwa muda mrefu ili kukua na kudumisha miti yetu katika soko la hewa. Tunahitaji kujua wanakikundi wenzetu vizuri, kwa sababu matendo ya kila mtu hushikilia kikundi chote na TIST yote.

Ni muhimu pia, kwa kikundi chako kidogo kuwa na mikutano ya mara kwa mara, ikiwezekana mara moja kila wiki au mara moja kila wiki mbili. Hili litawapa wanakikundi chenu nafasi ya kuimarisha kikundi na

kugawana na kujifunza mafunzo mapya.

Wakati wa mkutano, ni muhimu kuzingatia mambo yaliyo muhimu. Vikundi vingi vya TIST vimeona utaratibu unaofuata ukiwa mwenendo bora zaidi ili kuwa na mikutano ya kufanikiwa:

**Hatua ya kwanza. Salamu na kujijulisha kwa wanakikundi wapya (dakika tano kufika kumi na tano):** Hakikisha kila mtu anajisikia nyumbani. Hakikisha ni fupi lakini muache kila mtu ajijulishe.

**Hatua ya pili. Maombi ya kuanza (Dakika mbili):**

Ombi fupi laweza kusaidia kuunganisha kikundi.

**Hatua ya tatu. Nyimbo (Dakika tano):**

Hizi zaweza kuwa zilizoandikwa na kikundi chako, au nyimbo zinazowatia watu nguvu kama nyimbo za kidini.

**Hatua ya nne. Kuitikiana kuhusu kazi na masaa (Dakika tano):**

Kiongozi anaeleza yatakayofanyika mkutanoni na wanakikundi waitikie kufanya kazi hiyo. Masaa yatakayotumika kwa kazi hiyo au mjadala yakubalianwe ili msaidizi wa kiongozi aweze kuweka masaa ya mkutano.

**Hatua ya tano. Kazi ya vikundi (saa moja):**

Ili kufanya vizuri zaidi, kazi yapaswa kujadiliana mkutano wa mwisho ukiisha. Kazi zaweza kuwa pamoja na kugawana ni nini kila mtu amefanya ili kusaidia kazi za TIST, kugawana mienendo bora zaidi ya kufanya mambo tofauti, kufunza kuhusu vitu fulani na jambo lingine lolote la maana litakalosaidia kikundi chenu kukua .

**Hatua ya sita. Kujengana (Dakika tano):**

Kila mwana kikundi anasema jambo moja nzuri kwa kiongozi wa wiki hiyo kuhusu uongozi wake ulioonekana katika mkutano. Kuongezea, mtu yeyote aweza kusema ni zawadi gani katika uongozi ameona katika kiongozi huyo.

**Hatua ya saba. Ombi la kufunga (Dakika mbili):**



## TIST: Miongozo ya urejeshaji wa vichaka.

**K**atika baadhi ya matukio, Watumishi wa Nguzo wanakuwa na maombi kutoka kwa wakulima ili mashamba yao nzee yarejeshwe. Baadhi ya mashamba haya yaliondolewa kwenye tovuti ya TIST wakati baadhi ya wakulima walikataa kuhesabiwa kwa sababu fulani au yaliwekwa alama kuwa hayatumiki kwa sababu hayakuweza kufikiwa kwa sababu ya msituni au sababu nyingine yoyote. Baadhi ziliangushwa kimakosa kutokana na matatizo ya kiufundi.

Tunataka kuwahudumia wakulima kama hao kurejesha mashamba yao ikiwa wanatunza miti kwa dhati. Kuna Groves ambazo zimevunwa na haziwezi kurejeshwa. Groves kama hizo zimeathiri mpango mzima.

### **Huu hapa ni mwongozo wa kurejesha mashamba ya zamani.**

1. Mkulima anatakiwa kutoa ombi hilo wakati wa Mkutano wa Nguzo. Anapaswa kueleza kwa nini anataka hiyo Grove irejeshwe.
2. Viongozi wa Vikundi wakiridhika na ombi hilo, watembelee shamba hilo na kulifanyia tathmini. Angalia ikiwa shamba bado liko na miti na upige picha za shamba hilo.
3. Viongozi wa Nguzo wanapaswa kushiriki picha za Viwanja hivyo na Mtumishi wa Nguzo, mjumbe yeyote wa Baraza la Uongozi na Mkguzi yeyote wa Dawati.
4. Picha zinapaswa kuchukuliwa kama Grove ina miti au la. Hata kama haitastahiki kurejeshwa, tafadhali endelea kushiriki picha.
5. Viongozi wa Nguzo watatoa ripoti yao wakati wa mkutano wa Nguzo unaofuata. Ikiwa viongozi wa Nguzo wanapendekeza Grove kurejeshwa, Mtumishi wa Nguzo atazingatia Grove hiyo na kutuma ombi hilo kwa mtaalamu wa Regional Tech.
6. Mtu wa Tech ya Mkoa ataipitia na kurejeshwa ndani ya wiki moja.
7. Baada ya Kichaka kurejeshwa, Mtumishi wa Nguzo atatembelea ndani ya wiki 2 na Kuhesabu Kichaka kama hicho. Inapendekezwa kwamba Groves nzima ya Kikundi kuhesabiwa upya hasa ikiwa imepita siku 30 za ukadiriaji.



## TIST: Mbinu Bora za Nguzo.

### Kwa Nini Tunafanya Kazi Katika Vikundi?

1. Kuweka gharama za kuhudumia Vikundi Vidogo vya TIST kuwa chini ili pesa nyingi za kaboni ziende kwa wakulima.
2. Kuruhusu Vikundi Vidogo kujihudumia kwa urahisi zaidi.
3. Kuruhusu TIST kupanuka kwa haraka zaidi kwa kushirikiana na mashirika yanayotaka kujiunga na TIST.

### Nguzo Nzuri Inaonekanaje?

- o Nguzo inapaswa kuwa na Vikundi Vidogo 30-50.
- o Vikundi Vidogo vya Kundi vinapaswa kuwa ndani ya umbali wa kutembea kutoka sehemu kuu ya mkutano.
- o Cluster inapaswa kufanya upimaji sahihi na mafunzo ya hali ya juu.
- o Nguzo inapaswa kuwa na miche ya kutosha kwenye vitalu kwa mahitaji ya upanzi ya kila mwaka. Vikundi Vidogo vya TIST Hupanda 'idadi sahihi' ya miti kuzunguka nyumba zao, kando ya uzio, iliyochanganywa na mazao shambani mwao, n.k.

### Je! Nguzo Nzuri Ifanye Nini?

- o Kundi linapaswa kufanya uchaguzi kila baada ya miezi 4 ili kuchagua Mtu wa Uwajibikaji ambaye atafanya mzunguko kupitia nafasi.
- o Nguzo inapaswa kukutana kila mwezi kwa ajili ya mafunzo, kubadilishana mbinu bora, usambazaji wa Jarida la Mazingira Bora, malipo, na mambo mengine.

- o Katika mikutano ya Nguzo, wawakilishi wanapaswa kushiriki habari kwa uwazi na wengine wanachama, kama vile jinsi bajeti ya nguzo ilivyotumika.
- o Katika mkutano wa kila mwezi wa Nguzo, Nguzo inapaswa kuwasilisha Rekodi yao ya Mkutano wa Nguzo na Fomu zao za Uhasibu za Cluster kwa kutumia simu ya Android Fomu za Pendragon.
- o Nguzo inapaswa kuomba uhakiki inapohitajika.
- o Cluster inapaswa kuhakikisha kwamba quantification ni sahihi.
- o Nguzo inapaswa kufanya kazi ili kuboresha ubora wa data wa Vikundi vyake Vidogo ili miti mingi zaidi iweze kuwa inastahiki soko la kaboni (iliyojumuishwa katika Hati za Mradi wa Carbon).
- o Kundi linapaswa kufanya kazi ya kufanya malipo kwa kila Kikundi Kidogo.
- o Nguzo Nzuri kila wakati huajiri na kufundisha Vikundi Vidogo vipya. UKUAJI hufanya Mpango wa TIST imara zaidi! Kundi linafaa kuzidisha katika 2 linapofikia wanachama 400.

### Nguzo Bora za TIST Zitaweza:

1. Pokea bajeti zaidi ili kudhibiti shughuli zako zaidi.
2. Pata pesa zaidi kwa kila mti kwa kila mkulima.
3. Kualikwa kwenye Semina ya Nguzo Bora.
4. Chukua majukumu ya kufundisha makundi mengine.



# Mazingira Bora

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**Kikamba Version**

*TIST is an innovative, time - tested, afforestation program led by the participants.*



**Urru TIST Cluster wakiwa kwa mkutano wao tarehe 19/6/2024.**

- Inside:**
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## **Kutaanisa miti kwa kwiana kwailu kwa miti, ndukenge.**

Ithi nthini wa TIST vakuvi ithyoothe nituatiiaa mawalany'o na nzia nzeo sya TIST tuatiie na kwikala kuatiiana na wiw'ano ula tweekie sai. Ni andu anini ala matulile wiw'ano uu na meenga miti yoo yonthe na mamita kutumiwa nziani ingi. kwa w'o ni anini kwi kilio kya 1% kati wa miti ila ivanditwee nguumoni syi mbee wa 40,000 sya TIST nthini wa Kenya ila syengetwe myakani 8 ila TIST yithiitwe iithukuma vaa Kenya.

Kitumi kya kutaanisa miti kila ivinda ni kuvikia kwa miti kwiana vya vate kuvingiisana na ingi na vaita wa muti ula watiwa kwongeleka. Kutaanisa kuu nikunenganae ngu, miti ya kwaka, na moseo anga ala maumaas mutini muteme kwa ene TIST. Kii nikyo twithiawa na walany'o museo wa kwikalya mititu kwa kuketha iyingiva 5% ya miti ila twinayo kwa mwaka ethiwa yina myaka ikumi kwambata no ti itheo wa myaka isu.

Yila memba wa TIST waamua kwenga miti yake, ni uumiasya kakundi kake kala ke nthini wa ngwatanio ya tist nthini wa Kenya. Kwa w'o wiko uu wa andu asu anini nuetae nthina munene kwa kila umwe. Twiikwata tukundi tunini na a member oothe kumanya na kuikiithya vaiumwe unatemanga miti yake itavikiite ivinda ya utemwa.

OLC nikuthukuma vamwe na amwe ala meekie makosa ma kutema miti yoo yoonthe na kusisya walany'o ula matonya utumia kuikiithya andu asu nimavanda ingi ukwati woo nthini wa

walany'o wa TIST nikana methiwe matonya kutethya aimi vandu va kumaumisyo.

Yila twee kia sai wiw'ano wa GhG Agreement, twithwaa tweeyumya kwikalya miti yitu ila tuvandite ta ya Tist vandu va myaka 30 mbee wa kumiketha. Kii nikimwe kati wa itumi ila twaile usisya mbee wa kuvanda miti ni miti yiva tukwenda nthini wa miunda yiotu na ikwithiwa itonya kwikala kwa ivinda yiu iteutemwa. Kusea na kutaanisa miti ni useo nundu niku nengae miti kwiana nesa na kuitunenge vaita wa utumia usyao wa miti o iendee na kwiana.

Kwa vamwe vata wa kusea na kutaanisa miti ni kwailya uima wa muti na mutitu w'onthe. Uu wikawa kwa kusuvia miti ila miseo mutituni kwa kuveta ila itena uima museo na ila itonya kutuma uyu museo uteana nesa. Kwa mithemba mingi ya miti ta mikuvulya, minyoonyoo, misanduku miti ya kuveta ni ila minene ila yina muthamba umwe mulungalu. Miti niyithiawa na mawendi kivathukany'o ya mwanya kwianana na muvai wa muti na niva ivanditwe na ivandiwe ki (ta miti ivandaniw'e na liu kana ya kusii nzeve), uvinduku wa nzeve onakau mawendi amwe methiawa kwa kila muvai.

Kumea yina vinya, na yaile miti kaingi niyendaa utaaniu wa matambya eli kana maingi. Mwanya uyu wa matambya eli kaingi uthukumaa kwa miti ta mikuvulya na misanduku. lilikana ka miti ingi niyendaa mwanya munenange ta miembe na mikandania. kunenga miti mwanya ula waile



ninengae miti ivuso ya kukwata kiw'u nesa na unou kuma muthangani na kwiana undu vaile. Kuvanda miti uthungianie vanini nikwitikilikaa kwa miti yi mini indi oundu miti iendee na kwiana imwe niyonekaa yi minene kwi ingi. Miti ino minene kwi isu ingii niyo yaile kuekwa na ila minini iteanite nesa kuvetwa, Sisy miti ila minene na miseo yila uusakua miti ya kutia uendee na utaanisya miti. Ethiwa yothe no miseo sisya uole imwe nikana ivikie utaaniu ula waile na yithiwe itonya kwiana nesa.

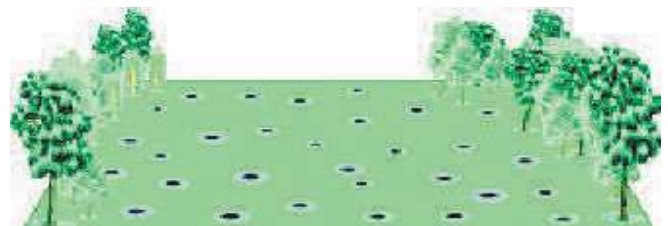
Yila uusakua miti ya kuveta lilkana, kwina kwa miti kuendanasy na muvai wa muti nundu mithemba imwe niyanaa kwi ingi. Ethiwa ni kiembe kimeete vakuvi na musanduku, kiembe nikyonekaa ta kite kwiana nundu musanduku wianaa mituki, kii ti kitumi kya kuveta kiembe nundu ni kinini anyee. Sisy useo na vaita wa muembe ni mwingi kwi wa musandu nundu muembe no utumike ta liu na no ukunenge mbesa wata matunda maw'o.

### **Mawiko maseo yila utanisya miti.**

- ✓ Eka miti ila ya liu yiane nginya ivike.
- ✓ Ola miti yianie ila yaile uyiatiia walany'o wa miti ila yaile kwithiwa nthini wa eka umwe. Nthini wa TIST no tusakue nginya 5% ya miti yitu itina wa myaka ikumi.
- ✓ Kutaanisya oundu iendee kwiana na iiendee kutune ukwati.

- ✓ Kuveta ila myumu, miwau, iendee kwoa na ila itemiseo.
- ✓ Suvia miti kumana na kiw'u kuema uthi.
- ✓ Tumia nzia ila itatuumanasya kiw'u.
- ✓ Kwata mbau uvandi wa miti mithemba kivathukany'o.
- ✓ Syaiisya mutitu waku kumana na tusamu tula twanangaa na uwau.
- ✓ Ngwatana na athukumi kuma ngwatanioni sya selikalini kusia mowau na tusamu tula twanangaa mititu.
- ✓ Sia mwaki wa kitheka.

### **NDUKEKE UU.**



### **Clear cutting.**

### **IKA UU.**



### **Single tree selection.**



# TIST: Nzia ila itumiawa ni tukundi tunini: Ta kulikangana na kukwatangana.

**a) Ni nzia yiva nzeo ya kuvanga andu tukundi yila mwi mbumbanoni?**

Kilinge kinini nikiseo muno. vaikethiwe na mesa kati nundu noithukume ta ukuta kati wa andu vaikethiwe uvanthukanu wa kila kikwikalilwa ethiwa ni kivila ateo kwa mundu munengete ndaia mbee. Ingi nthini wa TIST ithyoo the twikalaa nthi undumwe ethiwa ni muthangani kana ivilani kwa kila umwe.

**b. Nata mutonye kwika ethiwa andu mbee wa 12 nimekwenda kulika kakundini kenyu?**

Ethiwa ve andu aingi mekwenda ulikana nenyu nikavaa kuseuvya kakundi kangi kana tungi twili vena mainyiva ene ana kana atatu kuma kakundini kala kambee (amemba ala akuu). Uu ni useo mbee kwi mundu umwe kwenda kwambiia kakundi eweka. Lilikanai kwambiia utonoi na kusumia nzia ya utongoi wa kithyululu.

**c. Ni nzia myau utonya utumnia ethiwa vinya wa kakundi winthi?**

Aanai withie ni andu eli eli na kila umwe ayosa undu uu ta muio wake. Ingi mathau ma malimano na nthekany'a ni matetheeasya kwongela ngwatanio vinya na uthangaau. Ingi kunee niea wia wenyu museo kwakwiyonany'a mwi mbee nikutumaa angi makwata vinya na thambuu. Lilikanai yila mwoombana kulea kuselewa na kumina mbumbano tene. Kwithiwa na munini wa muungamii imusyaisya wa masaa nokutume kila umwe ekia vitii na kuthangaa kwona wia ula walanitw'e niwathela masaani ala maile.

**Walany'o wa kukomana.**

Nikana musuvie ivinda tukundi tunini nitwaile kwia walany'o museo wa mbumbano. uu ni useo nundu nukumwia mwina mwolooto wa kila angyendani ya muthenya usu na mawia ala maile kwianiw'a muthenya usu. Ingi ni useo nundu nthini wa TIST nitweeyumise kuthukuma vamwe kwa ivinda yiasa kuvanda na kuea miti yiane kuvikia soko wa nzave itavisaa. Nitukwenda kumanya tukundu tunini twitu na ena mwatw'o na kwona ni itambya yiva tutonya kwosa kuikiithya ithyothye na TIST nitweethiwa na kivathukany'o.

Ni undu wavata kumanya kakundi kaku kanini nikaile kumbana kaingi ona ethiwa ni keli kwa mwai. Kii nokiete kwosa vinya kwa kikundi kyenyu kwa kuthuthany'a na kila umwe kunenga ula ungi utao

na undu wikite kwake omithenya ila mutela onana na kila kinakivathukany'o na kitonya uete ualyuku museo kwa kila umwe vamwe na uu mawoni meu.

Yila mwoombana niuseo kwia mbee maundu ala mavata. Tukundi tunini twingi nitwoonie kuatiia nzia ithi syi vaa nthi kwi kwavata nthini wa mbumbano, na matambya asu ni:

**Itambya 1. Ngethi na kwimanyithany'a kwondu wa andu ala eu kikundini (ndatika 5-15):**

Ikiithyayi kila umwe niweew'a e muthokye, kila umwe etavany'a kwa mituki.

**Itambya 2. Mboya sya kwambiia (ndatika ili (2))**

Mboya nini nguvi noitethye kwa kwongela ngwatanio.

**Itambya 3. Wathi (ndatika itano 5)**

Uyu no withiwe wi wathi usevitw'e ni kikundi kyenyu kana wathi wa Ngai wina uthuthio kwa kila umwe.

**Itambya 4. Kwiw'ana undu mukwika na mwitumia ivinda yiana ata (Ndatika itano(5))**

Mutongoesya akaleany'a kila kikwikwa wumbanoni na ene kikundi mayitikila kwika. Masaa ala meutumika kwa kila undu nonginya mambe uneenewa na munini wa mutongoesya no ethiwe emusyaisya wa masaa.

**Itambya 5. Wia wa kikundi (Isaa yimwe I)**

Nonginya muimina kila wumbano nimwithiwa muneene wia ula mukoka uthukuma wumbanoni ula ungi. Ngelekany'o ethiwa no kila umwe kutunga livooti ya undu wikite kutetheesya TIST na mawalany'o na uthukumi wayo museo. Kumanyiany'a nzia nzau na maundu angi mavata ala matonya utuma kakundi kenyu keana na kwaila.

**Itambya 6. Kwakana (ndatika itano (5))**

Kila mumemba kunengane ondeto imwe ya kwakana onaethiwa ni yiulu wa utongoi. ingi kinengo kila kikivathukany'o kyonekete kwa mutongoi nikiyaile uwetwa ethiwa kivo.

**Itambya 7. Mboya ya kumina/ kvinga wumbano (ndatika ili (2))**



## **TIST: Walanio undu wa utungiaa nguthu sya miti.**

**K**wa muvwano, athukumi ma ngwatanio nimeukwata ukuly'o kuma kwa aimi amwe mayenda nguthu ya miti yoo mikuu itungiiwe. Ikuthu ithi imwe nisyauw'we nthini wa website ya TIST yila amwe ma aimi maleile maivitukithiwa miti yoo nundu itumi ta amwe kwithiwa maekie kuithukuma nundu wa itumi syoo. Imwe nisyauw'we mitandaoni kwa nzia ya kuelea kueleeka kana nthina wa mitambo.

Nitukwenda uthukuma na utungiaa aimi aya ala kwaw'o methiitwe masuviite miti yoo. Kwi ikuthu imwe sya miti sya kethiwe na kwoou iitonya utungiiwa. Ikuthu isu syeengiwe nisyauw'we walany'o w'onthe.

### **Vaa vena walanio undu wa utungiaa miti/ ikuthu ila nguu.**

1. Muimi niwaile ukulya utao iulu wa undu uu yila kwina umbano wa ngwatanio. Ingi niwaile kuelelya niki ukwenda nguthu ino ya miti itungiiwe.
2. Ethiwa mutongoi wa ngwatanio niwaelew'a na eaniwa ni ukulyo uyu, niwaile uthikea nguthu ino ya miti na kuisya kana miti yiilye undu yailye na kukuna visa.
3. Mutongoi wa ngwatanio niwaile utuma visa ya nguthu ino ya miti kwa athukumi ma ngwatanio na tangoi ma kanzu ya ngwatanio na kwa mwiki wa masavu (mwii wa kinandu).
4. Visa nisyale ukunwa ethiwa ve miti kana vai miti. Onaethiwa nguthu ino ndivitukitw'a kutngiiwa, nuseo kwosa visa isuna kutuma kwa utongoi wa TIST.
5. Atongoi ma ngwatanio nimeunengane livoti wumbanoni ula uatii wa ngwatanio. Atongoi ma ngwatanio meetikilana itungwe, muthukumi wa ngwatanio isu nukuandika na kutuma ukulw'o wa kutungiiwa kwa nguthu isu ya miti kwa mundu wa mitambo.
6. Mundu wa kisio wa mitambo nukusisya na kumitungiaa nthini wa kyumwa kimwe kitekithelu.
7. Itina wa nguthu ino ya miti kutungiiwa, muthukumi wa ngwatanio nukuthoka nthini wa sumwa 2 na kuthiana na kuvitukithya nguthu ino ya miti. Nivetikilye knana nguthu ino ya miti ya kikundi niyaile uthianwa ingi na kuvitukithya nthini wa mithenya 30.



## **TIST: Mawiko maseo ma ngwatanio.**

### **Niki tuthukumaa na Ngwatanio?**

1. Kwikalya utumiku wa kuthukuma kakundi kanini ka TIST wi munini nikana mbesa kuma nzeveni itavisaa ikavikia muimi.
2. Kueka tukundi tunini kwithukuma vate vinya.
3. Kutetheesya tist kuthanthat na kwiana kwa kukwatana na mivea ingi ila ikwenda ulika nthini wa TIST.

### **Ngwatanio nzeo yithiwa ilye ata?**

- o Ngwatanio yaile ithiwa na tukundi tunini 30-50.
- o Ngwatanio yaile ithiwa iseuvitw'e na tukundi tunini tuthengeanie muendo wa kutembea na maau kuvika kati vala mombaniaa.
- o Ngwatanio yaile ithiwa ithianitwe na kuvitukithw'a kwa w'o na ikamanyiw'a nesa.
- o Ngwatanio yaile ithiwa na mbeu mbianu kivuioni kyayo kwa mwaka. Tukundi tunini tw TIST kuvanda miti namba ila yianiie kuthyululukya nyumba syoo, mbiioni iatiie laini na kuvanda ivulene na liu miundani na kundu kungi kwingi.

### **Nata ngwatanio nzeo itonya kwika?**

- o Ngwatanio yale kusakuana itina wa myai 4 kunyuva mwii wa kinandu ula uthukumi wa kithyululu ukuendee.
- o Ngwatanio yaile umbana kila mwai kwa kumanyiany'a kuthuthania na kuvundianya mawiko meu, kunengwa mathangu ma Mazingira Bora, kukwata ndivi na maundu angi.

- o Nthini wa mbumbano sya ngwatanio, ala mavika nimaile kumanyithany'a iulu wa uvoa wa utheu wa memba kuthi ula ungi, ta undu mbangyeti ya ngwatanio itumikite.
- o Yila kwi wumbano wa kila mwai ngwatanio niyaile ukwata livoti na kutunga livoti ya wumbano woo wakila mwai maitumia Simu ya Android Phone Pendragon form.
- o Ngwatanio niyaile kwitya kuthianwa na kuvitukithw'a ila vaile
- o Ngwatanio niyaile kuikiithya uvoa ula wakolanw'a miti iithianwa na kuvitukithw'a niwa w'o.
- o Ngwatanio niyaile kuthukuma kuikiithya tukundi tula twi ngwatanioni ino nitweana na kuvanda miti kwa wingi nakwithiwa tutalika nthini wa soko na ndunyu ya nzeve itavisaa (Kwithiwa meandikithye walanioni wa nzve itavisaa)
- o Ngwatanio yaile uthukuma vamwe kuikiithya kila kakundi kanini nikaivwa.
- o Ngwatanio nzeo yikalaa ivundiitye na kumanyisya tukundi tungi tunini tweu. Kwiana nikutumaa walany'o wa TIST umesya vinya! Ngwatanio niyaile uaanwa kundu kwili yavikya amemba 400.

### **Ngwatanio ila nzeo sya TIST nito.**

1. Kukwata mbangyeti yi iulu na kuungamia maundu menyu ene.
2. Kukwata mbesa mbingi kuma mutini umwe kwa kila muimi.
3. Kuthokw'a nthini wa semina ta ngwatanio ila nzeo.
4. Kwosa kumanyisya ngwatanio ila ingi ta muio wina uito.

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**Kipsigis Version**

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**Urru TIST Cluster wakiwa kwa mkutano wao tarehe 19/6/2024.**

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  - ✓ TIST: Ortinwek che miachen chebo Isasamet. *Page 6*



## Kechoror ketiguk sigogororogitu ak ibagach kolulet.

**K**iboboi mising amun kingen kele membakab TIST kosibi tolochikab TIST ak kotebie en koyochinet ne kioyan. Ngerin temikab TIST che kibun koyochinoton, miten che kilit ketik ak kuwalta koboisien, kebeberiatan 1% en imbarenik 40,000 che kigimich ketikab TIST en kenya ko kogonam kotit ketik en kastab kenysisiek sisit kongeten igeto TIST en kenya.

Amune asi kechochor ketik kosigobwa kome ak konget kotonontos kinyoru kuwetik, postisiek ak chegitesen en eche temikab TIST niton anyun komitenngatutiek neribe osnet anan asi konget ketik muwoe kole keges kebertab 5% en ketik cheitinen en kasartab kenysisiek taman kongeten igemin nyon kabit imbarene kogitinen ketik tugul, kogonu asenet neo mising en kurubit, en kilasta ak en emet tugul. Biik chengerin cheimuchi kogochi biik alak asenet neo. Kimongu biikab kurubisiet chemengech ak kilasta kogasit komtil ketik en kasarta nemonyolu.

Kondoikab oli kotonyi boroindo koboisii biik che kogikochi lelutiet kou tiletab ketik amun kimogin biik konyor melegto en ketik asi kotestai tetetab TIST.

Kin kogagiochin en koyosienyon (ghg) kogimitech niton kerib ketik chegigemin ago moetenech keges koit kenysisiek sosom, niton kogobwotutiet ne kararan missing kibwat kele ketik ochon chegimuchi kegol en imbrenikyok kechoror ketik ko kararan amun kinyorune kelut ak kobwa kochok ketik.

Ye kiyoe kouniton kogochin ketit konyor itondo ne kararan ak kobit osnet ne kararan niton koribetab ketik ak kemin alak miten alage kou kipkaa, sebesebe, chepkogutgei ak cheborus ko ketik chegitu agomotinye temenik chechang, ketik agetugul kotinye mogutik kiik, anage kobo kwenik, tere alage koristo alage kemine ak rurutik. Alage kowole itondab emet.





Nyolunet anyun kemin ketik kokwontik oeng anan kosomok, asi konyor kimlotet ketik niton ko koyochinetab TIST. Ketik alak (kou maembe ak avocado) komoche kokwoutik chechang chesire mut, enyor ketit kokwoutik cheyome konyoru beek ak omitwogik cheyome go etu kitit komie. Monyolu kemin ketik kochilgei amun moegitu ago norchin omitwogik alage koechen.

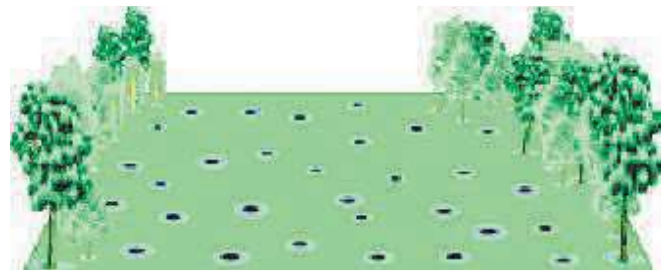
- ✓ Min ketik chegororon.
- ✓ Ruten iger ketikuk igomiten ne mioni anak kogonam isirek.
- ✓ Oyomegei ak biikab sirigali asi komuch koter miyonuwokik anan ko isirek che ome ketik.

**Koborunet ne karan ak minet.**

- ✓ Ogeter anan ogerib mat.

- ✓ Chomchin ketik korut kot koit kogong .
- ✓ En TIST kochamtaat inges ketik kebebtab 5% en ketik cheitinye chebo kenyisiek taman asi inyoru melegto.

**DO NOT do this**



**Clear cutting**

- ✓ Isten ne meat, ne mioni ak nemotinye kenut.
- ✓ Boisien tugul cheitinin chimiten kwony en oliyet.

**DO THIS**



**Single tree selection**



## TIST: Mitindoishék chepo groupishek che meng'echen: Kotuyet tap ke en Groupishek.

**a) Ne oret ne kimuche kepanganen pik en tuyoshek chepo groupit?**

Oret ne kararan ko kechop circle. Matonde mezoshek amun iku koimutyet. Matochop ngecherok che echen anan ko ngecherok alak tugul chebo pik che bo maana. En TIST, ketibotosi tukul kokerkeit. Kimuche ke toboten tugul en ng'echerok anan ketobote en ng'weny.

**b) Nen ne iyoe yon moche kochut pik che ite taman ak oeng' grouit?**

Angot komi pik che sire taman ak oeng' che moche kochut groupit kokararan inda kichope groupit ake. Imuch kebchei groupit koyop oengu, anan konget membaek somok anan ko angwan chebo goupit neta kochop core nebo gropit ne kitou. Inoni ko kaikai kosir koto membayat ageng'e. Obwat oboishen zungganet ab kandoinatet kobore konam.

**c) NE oret ne omuche oboishe yon kiten inguvut nebo gropit,?**

Bchei gropit korop pairishek. Toreti kora drama. Saaishek alak ketononi, ak kekaskomwa chi tugul ki ne ibwate agobo groupit. Obwat kora orib saaishek asimakoit tuyet. Yomeke kecheng' netoreti kondoindet en ripet 'ab saaishek, Imuche igeshi nguvushek chepo groupit iger ile kakai kasit nekokitokchinke.

**Ole kiyoi to tuyet.**

Asi kerip sait komye, Groupit ne kiten koyoche kotinye schedule nebo tuyet. Inoniton koba maana angamun kere kole kotar agendas chebo maana koron. Kora koba maan en TIST angamun, kikekonu ke en boishet nebo minet 'ab ketik, kemin ak kerip ketik chebo carbon markets. Yoche kora kenai membaekchok en groupishek che meng'echen komye, angamun chitukul kotinye jukumu en groupit ak en TIST kotugul.

Bo maana kora koyai groupishek tuyoshek kila mara, sana sana en kila wikit anan ko oeng' en wikishek oeng'. Inoniton kokochin membaek

koneteke en grouitit ak kotech groupit ko mugul ak konai tuguj che imbya.

En tuyoshek chuton, k obo maana keker tuguk che bo maana. Groupishek che chang' en TIST kokoker kole boishe mtindo ne isubu en tuyoshek.

**Stepit neta; Kokotiet ak Tachet 'ab membaek che imbya(5 – 15 minutes):**

Hakikishan ile kokas chitugul komi komye. Ingonwakit lakini bokokchin chitugul komwa ge.

**Stepit nebo oeng;. Saet ne kiyoten tuyet (2 minutes):**

Saet yon kinome tuyet kotoreti groupit koik kibageng'e.

**Stepit nebo aomok; Tyenwokik (5 minutes):**

Imuche koik tyenwokik che kisire membaek, anan ko tyenwokik che ituitos pik kou chepo kanisa.

**Stepit nebo angwan; kiyonchindos sait ak boishonik(5 minutes):**

Ororu kondoindet boishonik che kiyoe en groupit ak koyon chin membaek koyai kasishek choton. Kasarta neki boishen en kasit ake tugul koyoche kiyonchin asi kong'et co-leader kotoret korip saishék en tuyet.

**Stepit nebo mut. Kasishek ab gropit (1 hour):**

Yoche kokidiscussen boishonik en tuyet ne kikobata. Boishonik komuch koik tuguk che kikoret chitugul groupit groupit anan ko TIST, training en tuguk che bo maana, ak ki ake tugul ne imuch kotoret groupit kota kwo taa kosir ole mi.

**Stepit nebo lo. Techet 'ab ke (5 minutes):**

Kila membayat koyoi teset en TIST. En teset komuche kobor chei kit ne talenta en kondoindet.

**Stepit nebo tisab. Saaet ne kikerén tuyet (2 minutes):**



## **TIST: Ng'olion akobo ole kiwegundoo Timwek.**

**E**n kosorwek alak, kesome Kiboitinikab Isasamok temik koweek timwekuak che kibo keny. Alak en timwechu ko kikakeisto en TIST website ye kin koyesio temik kiit ketichoton amun en amuneisiek che chang' anan ko kikakesir kele mekoboisie amun kimakota keyin amun kikobiit osneet missing' ana ko en amuneisiek alak. Alak ko kikilelta ak keisto koma kinai amun en koimutikab musiknoteet.

Kimoche keboisiechin temik asi koweek timwekuak angot koi man koribe ketikuak. Mi timwek che kiketil ako moimukogse kota keweek. Timwek cheu choton ko kikowech tetutiet tugul nebo TIST.

### **En yu ko arorutiet ne kiwegundo timwek chebo keny.**

1. Teminde ko nyolu koyai someetab wegumnetab timdo en tuiyetab Isasamet. Nyolu komwa inendet amune asi komach keweek timoton.
2. Angot kogeer Kiboityotab Isasamet kole yomegee samonoton, ko nyolu kwo timoton ak koyai chigilisiet. Nyolu kogeer angot ko ta ko tugul timoton komi ketik ak kobir pichatab timoton.
3. Nolu kopjei anan koyakigee Kiboitinikab Isasamok pichiaisiechoton bo timwek koboto membaekab Leadership Council ak agetugul en mebaekab Desk Auditor.
4. Nyolu kebirr pichainik komi anan ko mekotindoo timwek ketik. Akot nda moimuche keweek timto, ko kaikai testai iyogte anan opjei pichainik
5. Kandoikab Isasamet ko nyolu kogon logoiyot en tuiyet ne isipu nebo Isasamet. Angot kotil kandoikab Isasamet kole nyolu keweek timto, ko nyolu kosip Kiboityotab Isasamet ng'oliondonoton ak kosiptechi samonoton chitab Musognotet nebo Kebeberta.
6. Chitab Musognotet nebo Kebeberta ko nyolu kogeer ak keweek en wikit agebge.
7. Yeibata keweeku timoton, ko nyolu korutechi Kiboityotab Isasamet en wikisiek oeng che mi taa ak koyochi koitet timoton. Ole nyolundo ko mache keyai koitosiek en timwek tugul che mi Kayumet agege missing ko yon kakopata betusiek 30 kongeten kin keyai koitosiek.



# TIST: Ortinwek che miachen chebo Isasamet.

## Amun asi keboisien en Isasamet?

1. Asi kimuch kichuchuch karameet ne kiboisiechin Katuiyosiek che Mengechen chebo TIST asi kenyorun rabisiek che chang en aldaetab koristo.
2. Asi komuch kotuiyosiek che mengechen koboisiechigee en nyumnyumindo.
3. Asi koomuch TIST kotesak en chokynet koboisyee ak kibagengeisiek alak che moche kochut TIST.

## Isasamet ne kararan ko neu nee?

- o Isasamet ko nyolu kotinye kotuiyoiek 30-50 che mengenchen.
- o Kotuiyosiekab Isasamet ko nyolu komi ole kimuche keba ak keldo keit kwenet.
- o Nyolu koyai isasamet koitosiek chebo iman ak konetisiet nemii barak.
- o Nyolu kotindo isasamet ketik che kimine en betisiek che mo totu che kimuche kemiin en kenyt age tugul olon kabit mageet.
- o Katuiyosiek che Mengechen chebo TIST ko miine koitosiekab ketik che choton komutyi korikuak, en ngotonok, kongol ak minutik en mberenikuak, ak slsk.

## Nee ne nyolu koyai isasamet ne kararan?

- o Isasamet ko nyolu koyai lewenisiet yeibata arawek 4asi kolewen Chitab kobo Wolutik che sungukoni.
- o Nyolu koyai tuiyetab konetisiet isasamet age tugul kila arawek 5, ak kopjei ortinwek che miach chebo boisiet, koropta *Barwetab/Mazingira Bora, lipanosiek, ak tuguk alak,*

- o En tuiyosiekab isasamet, ko nyolu kokoito bik che kikilewen logoiwek en oret ne togunot koityi membaek alak, kou ole kokiboisioito rapisiek.
- o En tuiyosiek chebo arawet age tugul chebo isaamet, ko nyolu kokoito isasamet age tugl Ole Kokiyaiat tuiyosiek ak Formitab Walutikab Rapisisiek chebo Isasamet ak Simoit nebo kasari ak *Pendragon Forms*.
- o Nyolu kosoom isasamet agetugul koitosiek en kasarta ne kakimach.
- o Nyolu kogeer isasamet age tugul kole bo iman koitosiek tugul.
- o Nyolukobois isasamet kotes kororindab tuguk chebo Kotuiyosiek che mengechen asi komukak kialda koristab ketik che chang en ndonyo nebpo ng'wony (koboto en Carbon Project Documents).
- o Nyolu kobois isasamet agetugul asi kolipomji Katuiyet ne mingin age tugul.
- o Isasamet ne kararn ko nyolu konete ak kosire kotuiyosiek che mengechen. ETUNEET koyae tetutietab TIST kokimiit! Nyolu kopjeak koyob oeng' isasamet olon kait membaek 400.

## Isasamook che kororon chebo TIST ko nyolu komuch:

1. Konyorchige tetutikab rabisiek asi komuch kotelelchi boisionikwok.
2. Konyorchige rabisiek che chang en ketit age tugul nebo temindet.
3. Ketach en Konetisiet nebo Isasmook chebo Barak.
4. Koib kasarta koneet Isasamook alak.