



## TIST HABARI MOTO MOTO

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### MGAWANYO WA HMM

Salamu kwa vikundi vyote. Tunaandika kukuarifu umuhimu wa kugawanya HMM, mgawanyo kwenye maeneo na katika vikundi. Siku zote tunaandika jarida hili kwa ajili ya wanavikundi wa TIST wote kwa ili waweze kusoma. Na kama hawatalisoma wote basi TIST kwa ujumla inapoteza taarifa. Ikiwa kama HMM huwasilisha Njia Bora, tunataka wana TIST wote kunufaika. Kama HMM ikigawanywa, basi wana TIST wote wanaweza kulisoma jarida hilo. Kwa mara nyingine tena ninakuarfuni ninyi vyote umuhimu wa kuhakikisha kuwa kila mwanakundi anapata nafasi ya kulisoma jarida hilo. Kama ukiwa ulisoma matoleo ya majarida yaliyopita basi hakikisha kuwa wanakundi wenzio pia wanapata fursa ya kusoma majarida hayo. Shukrani kutoka ofisi ya TIST.



### HMM DISTRIBUTION

Greetings to all small groups. We are writing this to inform you the importance of HMM distribution, distribution in small group centers and within the small groups. We always write this HMM for TIST small groups members in order to read it. And if they will not read it, therefore TIST is in general is losing information. As TIST brings information about Best practices, so we would like every small group members to be benefited. If HMM get distributed well, so every TIST group member will read it. Once

again I am informing you the importance of making sure that every group member get chance to read it. If had already read all the previous versions of HMM, so make sure that your fellow group members also get a chance to read those HMMS.

Many thanks from TIST office

### Cluster developments

Every one in TIST Tanzania is very encouraged by how the clusters are doing since they were first formed. Attendance have been amazing, many new groups have formed and are now preparing to begin nurseries and CF. This shows how each small group and trainers work very hard to teach and recruit new groups

### Maendeleo ya Klasta

Kila wanakikundi wa TIST Tanzania amefurahishwa sana na jinsi mikutano ya klasta inavyoendelea toka imeanzishwa. Mahudhurio katika mikutano hiyo yanafurahisha sana, vikundi vingi vpya vimejitokeza na sasa vinajiandaa kuanzisha vitalu nya Miche na Kilimo Hai. Hii inaonyesha ni kwa jinsi gani kila kikundi na wawezeshaji wanafanya kazi ya kufundisha na kuunda vikundi vipyta

Kitu kimoja cha kufurahisha sana ambacho tumesikia kutoka kila Kila Klasta ni kwa vile mnavyoweza kufanya kazi wenyewe bila kutegemea mfanyakazi kutoka ofisi ya TIST Morogoro kama tulivyo kuwa tukifanya mwanzo wakati wa Nodi. Hii kwa kweli ndijo msingi wa TIST na kwa kufanya hivyo ndivyo tutakavyoweza kufanya mradi uendelee.

Tungependa kuwatia moyo wavezeshaji kuorodhesha vikundi ambavyo vina miti na vinahitaji kitembelewa, ututumie taarifa kupitia namba zetu za simu ambazo zipo juu kwenye HAbari Motomoto. Tungependa kwa kila kikundi chenye miti na kipo hai kitembelewe, miti yao ihesabiwe nakipatiwe malipo yao.

Mara nyingine tena tunapenda kuwatia moyo kila wanakikundi wa TIST kuhudhuria mikutano ya Klasta, kukusanya mbegu, kuomba ardhi na kuwa tayari kwa msimu ujao. Tunawatakieni mafanikio mema tunapoendelea kuimarisha Klasta zenu. Katika Habari Motomoto mtaona picha za wanavikundi wenzeni waliohudhuria mikutano ya Klasta za Chamkoloma na Lupeta. Angalia wanavyopendeza!!!!!!!!!!!! Asanteni.



Wanakikundi wa Tumaini - Moleti mbele ya miti yao.

### Kutunza miti yako.

Chukua baadhi ya hatua zilizo muhimu sasa kuhakikisha kuwa miti inadumu kwa muda wote.

1. Kuvihimiza vikundi vyote kutunza miti yao. Hakikisha kuwa wanachama wanafahamu kuwa miti ipi wanawajibu nayo, na kuwa kuna ratiba ya kazi juu ya utunzaji wa miti.
2. Ng'oa magugu yote yanayozunguka miti, magugu hunyang'anya miti yako virutubisho na maji.
3. Usiwaachie ng'ombe au mbuzi kwenda kwenye eneo ulilopanda miti.
4. Jaribu kuzungushia miiba kwenye miti yako. Baadhi ya vikundi vimepandakiza miti yao hivi karibuni. Kwa miti yote iliopandikizwa hivi karibuni inahitaji kumwagiliwa kama tutakuwa na siku chache za uwepo wa mvua kidogo au kutokuwa na mvua kabisa

One of the amazing things we hear from all the clusters is how you work on your own not depending on some one from the TIST office in Morogoro as we did previously with the nodes. This indeed is the spirit of TIST and it is this that will make this program succeed.

We would like to encourage the trainers to list groups that have trees and need to be visited and send the list to us through our mobile numbers above this newsletter. We would like every group that have trees and is active to be visited, have their trees counted and paid.

Once again let us encourage every member of TIST group to attend the cluster meeting, collect seeds, acquire land and be ready for this coming season. We really wish you all the best as you continue strengthening clusters. In this news letter you will see photos of your fellow small group members who have attended Chamkoroma and Lupeta, look how they look good!



Wanakikundi wa Nyota - Moleti wakifurahia miti yao.

### Take care of your trees

Take some important steps now to make sure the trees stay alive.

1. Organise the small group to take care of trees. Make sure they are responsible for, and that there is a schedule for working to take care of trees
2. Pull weeds from around the trees, weeds steal nutrients and water from the trees.
3. Keep cattle and goats away from the trees.
4. Try putting thorn bushes around trees. Some groups have just planted their trees. Newly planted seedling may need to be watered if we have more than a few days of little or no rain.

- Endelea kuangalia miche yako baada ya mvua kusisima kuona kama miti yako itahitaji kumwagiliwa

- Keep checking seedling after the rains stop to see if they need water.

## UTUMIAJI BORA WA UDONGO

### **Udongo ni nini?**

Udongo ni tabaka la juu ya ardhi linalosaidia ukuaji wa mimea. Udongo ni matokeab ya maozo ya vitu vilivyo kufa na miamba iliyopasuka pasuka ( Chembe ndogo ndogo za miamba iliyopasuka).

Katika Maeneo ya Mpwapwa na Kongwa kuna aina tatu za udongo. Aina hizo tatu za udongo ni kama zifutato:- Udongo wa kichanga, udongo wa mfinyanzi na udongo wa tifutifu. Yafuatayo ni baadhi ya maelezo juu ya aina ya udongo ulio bora kwa mazao mbalimbali

### **Udongo wa kichanga**

Aina hii ya udongo inaudwa na chembe chembe za kipenyo kikubwa kwa hiyo uwezo wake wa kushika na kuhifadhi maji ni mdogo, kwa hali hiyo udongo huu hulowana(huwa na unyevu) tu pale mvua inaponyesha. Maji hupita haraka udongoni na huzama chini kutokana na chembe kubwa ( za kipenyo kikubwa ).

Mazao yanayostawi kwenye udongo wa kichanga ni yale yanayoweza kustahimili hata kama kuna maji kidogo (Mvua kidogo)mfanu mtama, karanga, viazi na ulezi. Tunawashauri watu wote wanaishi kwenye maeneo yenye aina hii ya udongo kupanda mtama. Faida nyingine za kupanda mtama ni kwamba mtama unaweza kustahimili hata katika maeneo yanayopata kiasi kidogo cha mvua.

### **Udongo wa Mfinyanzi**

Aina hii ya udongo in chembechembe zenye kipenyo kidogo zaidi kwa hiyo uwezo wake wa kushika maji ni kikubwazaidi kuliko aina nyingine mbili za udongo. Udongo wa mfinyanzi unaweza kushika maji kwa muda mrefu, hata kama mvua itakatika mapema utaendelea kuwa na unyevu. Migomba na mpunga vyote hustawi kwenye aina hii ya udongo lakini huhitaji mvua maalum(rasmi) au kupandwa karibu na vyanzo vya maji kama mito. Katika maeneo yenye mvua za wastani ni vizuri kama yatapandwa mahindi.

### **Udongo wa tifutifu**

Udongo wa tifutifu una chembechembe zenye ukubwa wa wastani na kwa hiyo unauwezo wa kuhifadhi maji zaidi kuliko udongo wa kichanga lakini chini ya udongo wa mfinyanzi. Kwa watu wanaolima kwenye maeneo ya udongo wa tifutifu tunawashauri kupanda mahindi, mtama viazi vitamu na mihogo.

## THE BEST USE OF SOIL

### **What is soil?**

Soil is the upper layer of the earth that supports growth of plants. Soil is the result of decomposition of dead material and the disintegration of rocks.

In Mpwapwa and Kongwa areas there are three well known types of soil, these types of soil are as follows:- Sand soil, clay soil and loam soil. The following are some explanation on which types of the soil is better for different crops.

### **Sand Soil**

This type of soil is made of particles of large diameter. Therefore the ability of the soil to hold and retain water is relatively small. This soil will remain passes quickly through the soil and sinks deeply due to large particles diameter.

The crops that suited to sandy soil are those that can survive even if there is a little water, for example millet, groundnuts, potatoes and sorghum. We advise all the people who are living around such areas to plant millets. Another advantage of planting millet is it can survive even in areas that receive small amount of rainfall.

### **Clay Soil**

This type of soil has smallest particles diameter so its capacity of holding water is higher than in other two types of soil. Clay soil is able to hold water for long time even if rain end early it will still contain moisture. Bananas and rice both grow well in this type of soil, but also require significant rainfall or to be planted near water sources like rivers. For areas with more moderate rainfall the planting of maize is best.

### **Loam Soil**

Loam soil an intermediate particle size and therefore has an ability to retain more water than sand soil but less than clay soil. For the people who are digging in loam soil areas we advised to plant maize, millet, sweet potatoes and cassava.

## KANUNI ZA TIST

Kwa kuanzia tunapenda kuwakumbusha kuhusu kanuni za TIST. Kanuni hizo ndizo msingi mkuu wa Mradi wa TIST. Bila kanuni hizo, mradi na kazi zote ambazo tunafanya hazitakuwa na masanikio. Kanuni hizi zitasaidia wawakilishi wote wa mradi wa TIST kuelewa vema juu ya sisi ni nani, tunafanyaje mambo na watu wengine wanaona, nini tunafanya, tunaunda nini. Hii ni kwa jinsi tunavyoweza kuchangia hata kwenye familia zetu na jamii na kuendeleza mradi wa TIST.

### Sisi ni nani?

1. Sisi ni waaminifu
2. Sisi tupo makini
3. Sisi ni wawazi
4. Sisi ni wafanyakazi wa kila mmoja
5. Tukotayari kuwajibika kwa kila mmoja.

### Tunafanyaje mambo na watu wengine wanaona,

1. Sisi tuafanya kazi kwa kujitolea
2. Tunafanya kazi peke yetu ndani ya vikundi vidogo
3. Tunaendeleza na kutumia mbini bora
4. Tunatumia akili na nguvu/juhudi zetu

### NINI TUNAFANYA

1. Tunapanda aina za miti itakayokaa kwa muda mrefu
2. Tunatafuta njia za kuboresha afya zetu
3. Tunatumia kilimo hai cha kutunza mashamba
4. Tunafanya miradi mbalimbali na biashara mbalimbali
5. Tunauza hewa taka

### TUNABUNI NINI

Hii ni tofauti kwa yale tunayofanya, wakati sisi tukikosa hizo kanuni tunaishi kwa njia ya kufanya biashara/miradi, tunaunda vitu ambavyo hatukuwa navyo hapo awali  
Hivyo ni:-

1. Tunabuni kazi za pamoja- kwa njia hiyo tunafanya vitu mbalimbali, mwishoni tunapenda kufanya kama kundi
2. Tunabuni uwezo- Tumeunda makubaliano yenye nguvu na mfumo huu imara
3. Tunaunda kufurahia- Tukiona matokeo ya kukamilisha mambo makubwa tunafurahi
4. Tunabuni matokeo makubwa- Matokeo makubwa katika upandaji miti, matokeo makubwa katika kilimo hai na matokeo makubwa katika miradi mingine na biashara tunazofanya
5. Tunabuni gharama ndogo za kiutawala, lakini tunafanikisha mambo makubwa. Kama kuna vitu ambavyo hauelewi kuhusu Kanuni za TIST, tafadhari uliza ili uweze kuhudumia vizuri.

### MAMBO UNAYOTAKIWA KUFANYA ILIKUWA KWENYE MRADI WA TIST

- Kuwa na angalau miti 1000 ya kikundi kila mwaka
- Kila mwanakikundi awe na ekari moja ya kilimo hai.
- Kujaza mikatabab ya kuhamishia haki za usafishaji wa hewa kwa malipo mliyokwisha lipwa.
- Kutumia njia bora za vikundi vidogo kwa kufanya kazi pamoja kuziendeze na kushirikishana na vikundi vingine katika maeneo yenu mnayoishi.
- Kuhudhuria Klasta/Kituo kilichokaribu na kikundi chako kila mwezi

## THE TIST VALUES

To begin, we want to remind you about the TIST Values. They are the foundation and heart of the TIST Program. Without them, the program and the work that all of us do will not thrive. This will help all the TIST participants have a better understanding of: Who we are, How we do things *that other people can see*; What we do and What we Create. This is how we can contribute to the well-being of our families and our communities and to sustainability the TIST program;

### Who We Are?

- 1) We are honest.
- 2) We are accurate.
- 3) We are transparent
- 4) We are servants to each other.
- 5) We are mutually accountable to each other

### How We Do Things *that other people can see*

- 1) We are volunteers.
- 2) We do the work ourselves in small groups.
- 3) We develop and use best practices.
- 4) We use our head and hands.

### What We Do

- 1) We plant a variety of trees for the long-term.
- 2) We find ways to improve our health.
- 3) We practice Conservation Farming.
- 4) We do other projects and businesses.
- 5) We sell carbon credits.

### What We Create.

This is different from what we do. When we have these values and as we live and do business this way on projects, we create something that was not there before. These include:-

1. We create Team Work - by doing things this way, we end up working like a team.
2. We create Capacity - we create organization, strength, and a system that is strong.
3. We create Enjoyment - we see results, we accomplish big things that we enjoy
4. We create Big Results - Big results in planting trees. Big results in conservation farming and from other projects and business that we do.
5. We create Low Administrative costs, yet we achieve big results. If there are things that are confusing or that you do not understand about the TIST Values, please ask questions so we can serve you better.

### WHAT YOU NEED TO DO TO BE A TIST GROUP:

- Have at least 1000 trees per group per year.
- One acre of conservation farming per group member
- Transfer the GHG sequestration rights to UMET for the payment received.
- Use small group best practices and work together to develop and share with other groups in all areas of your lives.
- To attend the closest Cluster to your small group each month.