

**TRUTH
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TRANSFORMATION**

MODULE



**ZINTHUNZI
ZAULIMI**

Zamkatimu

Phunziro 2: Udindo wa Anthu Pachilengedwe

Ndani Akulamulira Chilengedwe? Gawo lotengapo – Sindikizani buku limodzi.

Fotokozani udindo uliwonse kwa anthu odzipereka phunziro lisanafike.

Makhadi Olenga – Sindikizani masamba 6 ndikudula tsamba lililonse pakati pamakhadi 12. Pangani maseti osachepera atatu - seti imodzi pagulu lililonse.

Phunziro 5: Kusamalira Nthaka Yathu

Kodi mu Dothi ndi chiyani? – Sindikizani buku limodzi

Timitengo tozalira – Sindikizani buku limodzi

Mipata Yopapatiza kapena Mipata pogwiritsa ntchito chodulira – Sindikizani buku limodzi

Maenje Ang'onoang'ono Obzala – Sindikizani buku limodzi

Mbeu zobiliwira (GMCC) zokhala ndi Malangizo obzala* - Sindikizani buku limodzi

PHUNZIRO 6: Zopatsa thanzi Zomera Zomera

Kadyedwe ka chonde – Sindikizani buku limodzi

Zopatsa thanzi malinga ndi chati cha ma siteji* – Sindikizani buku limodzi

Makhadi a Zakudya ndi Magawo – Sindikizani gulu limodzi pagulu lililonse

Kuwonjezera Makhadi a Zakudya – Sindikizani gulu limodzi pagulu lililonse

Zida Zachilengedwe Pagawo Lililonse la Kukula – Sindikizani buku limodzi

Momwe Mungadzipangire Wekha Feteleza* – Sindikizani buku limodzi

Phunziro 7: Minda Yakudya Yachaka Chonse

Munda Wakudya Wachaka Chonse – Sindikizani buku limodzi

Njira Khumi Zofunikira Zopangira Chojambula cha Chaka Chonse cha Munda wa Chakudya – Sindikizani buku limodzi kapena pangani chithunzi chachikulu.

Njira Zopangira Zikwangwani Zakale Zam'munda Wakudya – Sindikizani buku limodzi (zithunzi 8).

Phunziro 8: Kuletsa Tizilombo

Zomera Zothamangitsa Tizilombo Mwachibadwa Makhadi – Sindikizani seti imodzi pagulu lililonse, dulani mizere 11

Nyumba ya Mleme* – Sindikizani buku limodzi

Nyumba ya akangaude* – Sindikizani buku limodzi

Ubwino ndi Tizilombo (makhadi) – Sindikizani seti imodzi pagulu lililonse, dulani makhadi 24

Makhadi Owononga Masamba – Sindikizani seti imodzi pagulu lililonse, dulani mizere 8

Nyumba ya matabwa* – Sindikizani buku limodzi

Chotchinga chapepala – Sindikizani buku limodzi

Makhadi a Zopanda Poizoni, Opangira Panyumba – Sindikizani gulu limodzi
pagulu lililonse

Phunziro 9: Famu Yophatikizana

Zolembe za Mphatso kapena Zinyalala – Sindikizani tsamba limodzi
patsamba lililonse - zikwangwani 7

Phunziro 10: Kugwirira Ntchito Pamodzi Kulemekeza Mulungu

Kuphunzira Makhadi Ambiri -Sindikizani ndi kudula pakati makhadi 10

***Zida izi zilinso mu buku losankha la ophunzira. Ngati mukugwiritsa ntchito kalozera wa ophunzira, musasindikize zowonera zolembedwa (*)**

Phunziro 2: Ndani

Amalamulira Zolengedwa

Pa sewero, m'mbuyomu, funsani anthu atatu kapena anayi kuti atenge udindo wa alimi (amuna, akazi, ndi ana) komanso anthu awiri kapena atatu kuti azisewera makoswe. Werengani nkhanayi kwa iwo ndi kufotokoza udindo wawo kuti achite pamene mukuwerenga nkhanayi.

Kodi Ndani Akulamulira Challengedwe?

M'mudzi wina wa kumapiri a ku South America munali vuto limene linafikila anthu ambiri omwe anali kukumana nalo. Kwa mibadwo yambiri, anthu ankabzala ndi kukolola chimanga. Tsiku lililonse amuna, akazi, ndi ana ankapita kukalima m'minda.

("Alimi" ayesetse ntchito zonse zomwe zimafunika pokonzekera, kubzala, ndi kukolola chimanga). Anakonza nthaka. Anabzala mbewu mosamala. Iwo ankaonetsetsa kuti mbewuzo zili ndi madzi okwanira komanso zakudya zokwanira kuti zikule.

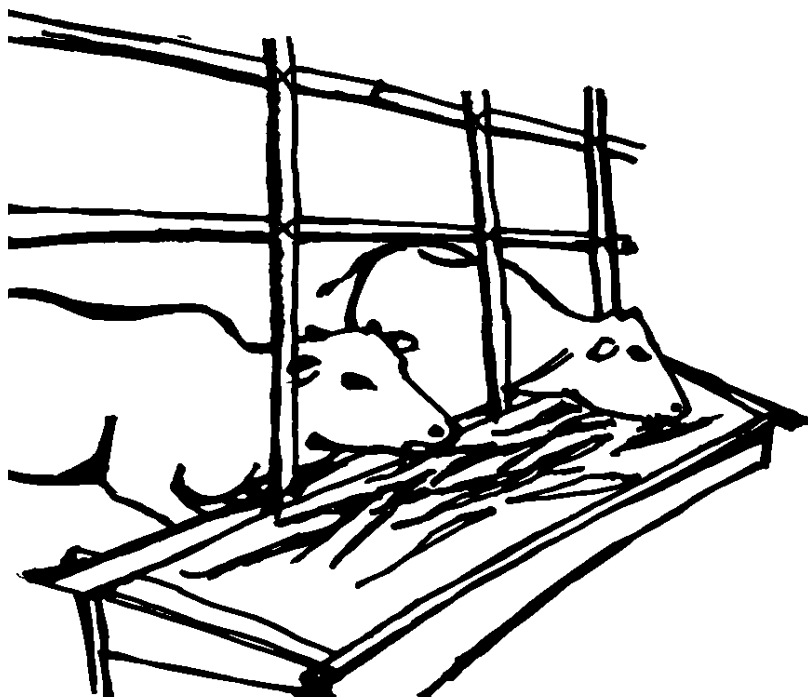
Kulima kunali ntchito yolimba (Amuna amatuluka thukuta ndi kupukuta mphuno, akazi kukhala ndi zilonda zamsana, ndipo ana akudandaula kuti akutopa kwambiri). Zimenezi zinkafuna thandizo la aliyense, choncho nthawi zambiri anawo sankakhoza kupita kusukulu. Ngakhale kuti ankagwira ntchito mwakhama bwanji, nthawi zonse zinkaoneka ngati alibe chakudya chokwanira chaka chonse.

Panthawiyi, kumeneko anali komanso banja la makoswe onenepa komanso osangalala omwe amakhala m'mudzimo. Tsiku lonse makoswe ankakhala m'nyumba yozizirirapo, makoswe achikulirewo ankangogona n'kumawerenga nyuzipepala, ndipo ana ang'onoang'ono ankathamanga uku akusewera. Iwo ankasangalala ndi moyo wawo wosalira zambiri, makamaka m'nyengo yokolola, chifukwa ankatha kudya chimanga chimene ankafuna n'kutenga zokwanira kuti adzachisungira m'tsogolo pamene anthu sakanachipeza.

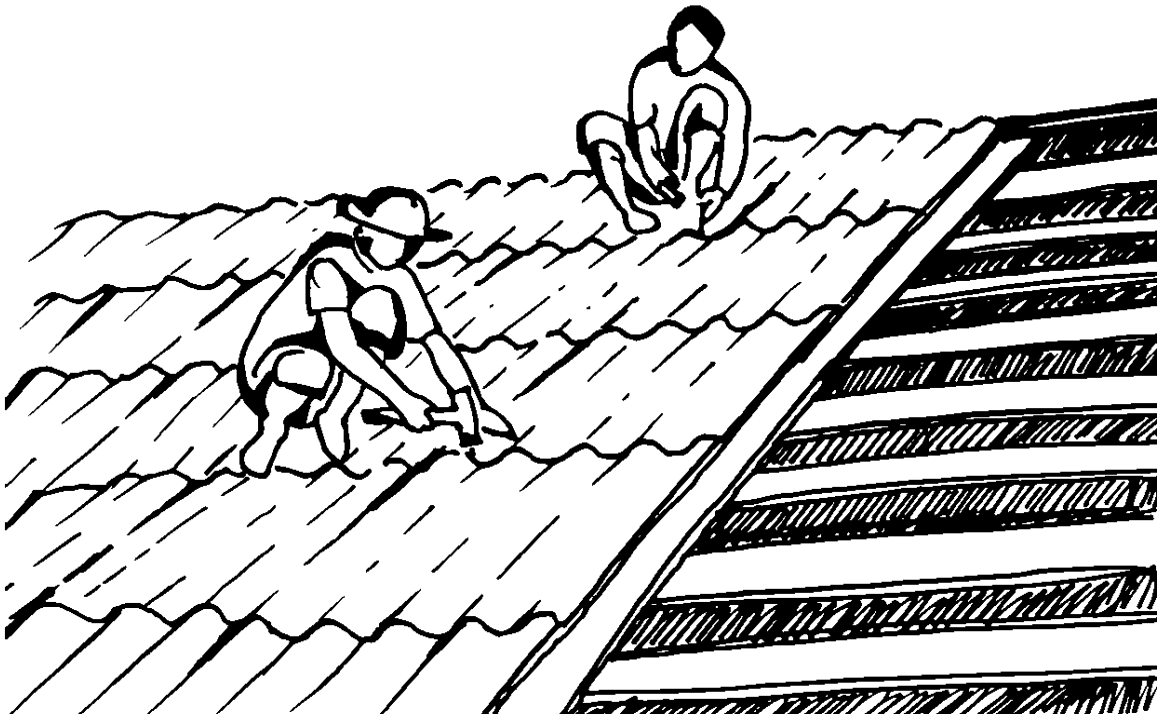
Kulima



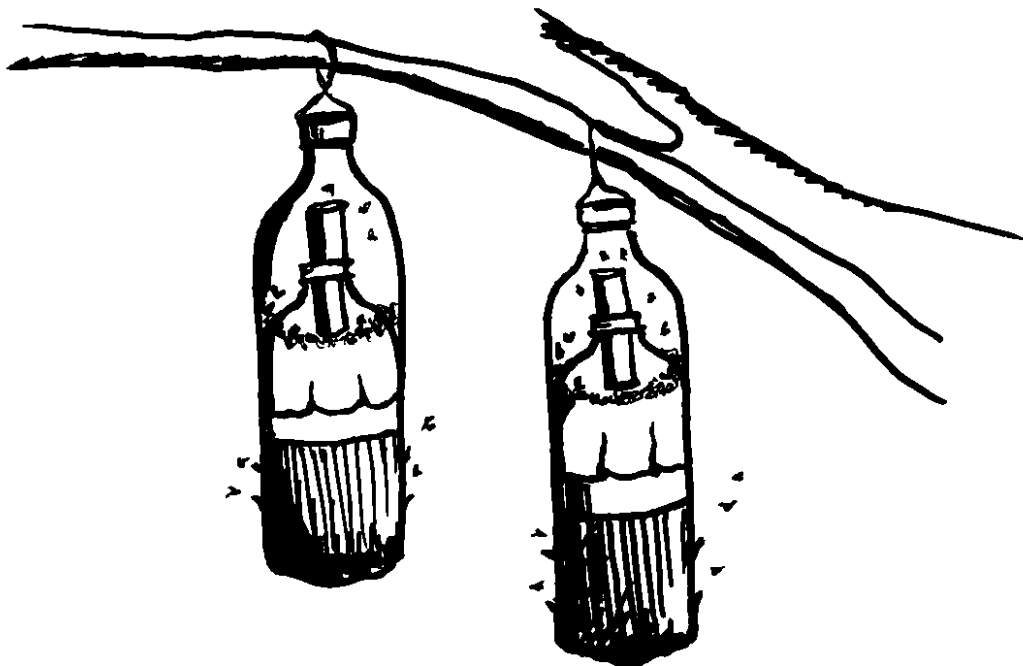
Kusamalira Zinyama



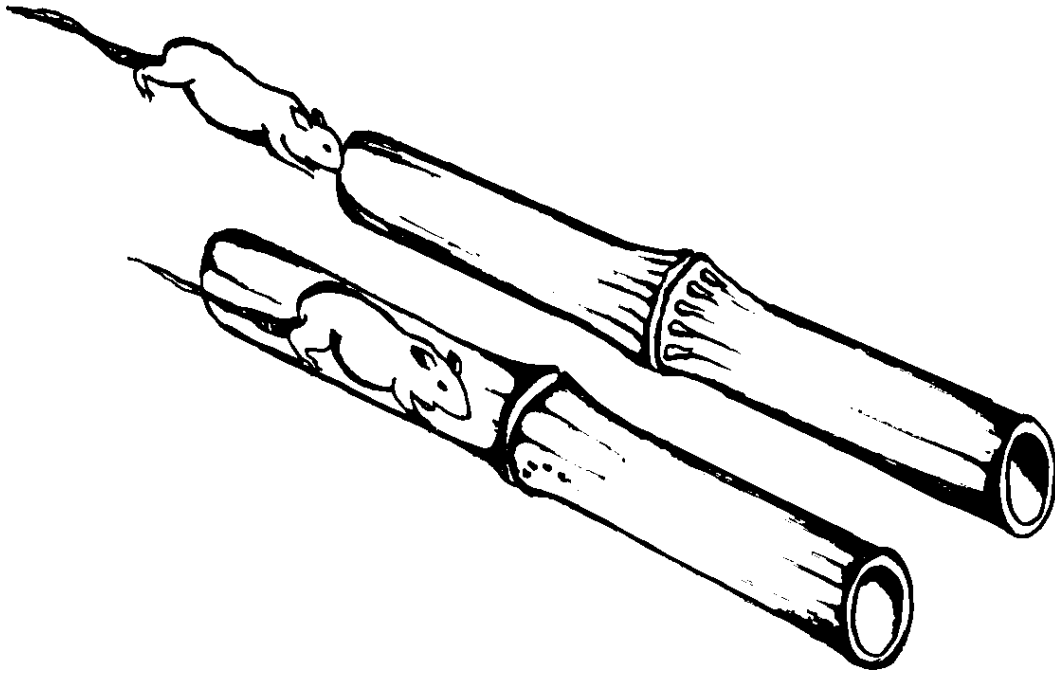
Kumanga Nyumba



Msampha wa Ntchentche



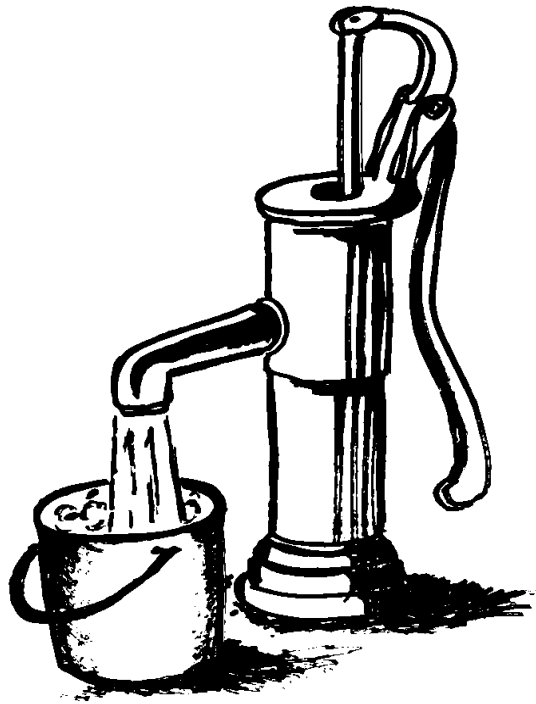
Misampha ya makoswe



Osadula Mitengo Yambiri



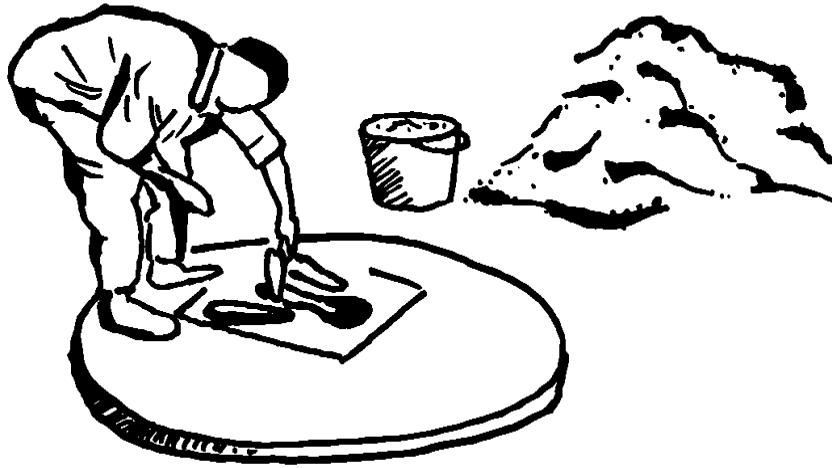
Madzi Oyera



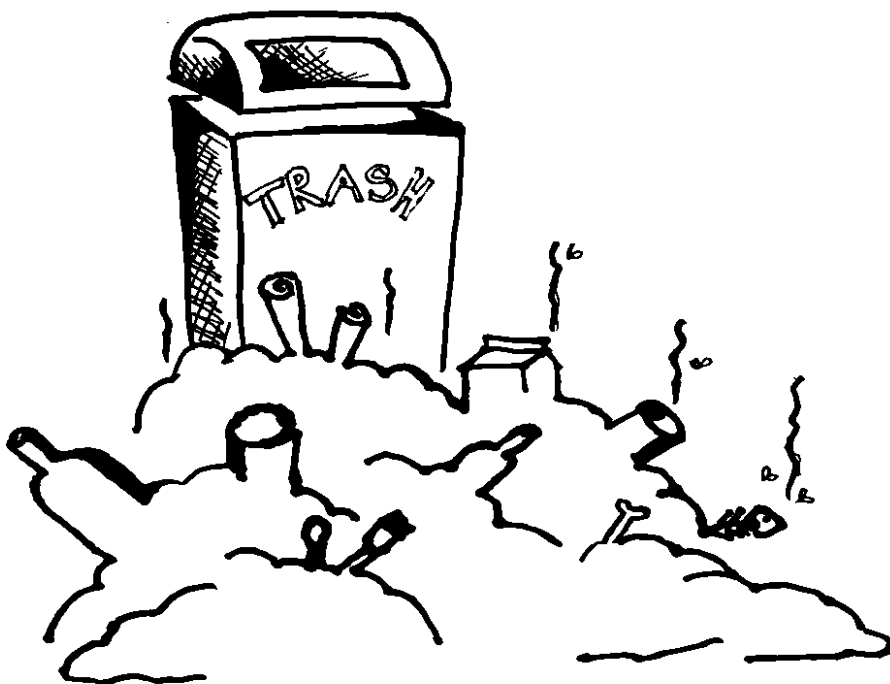
Kukumba Chitsime



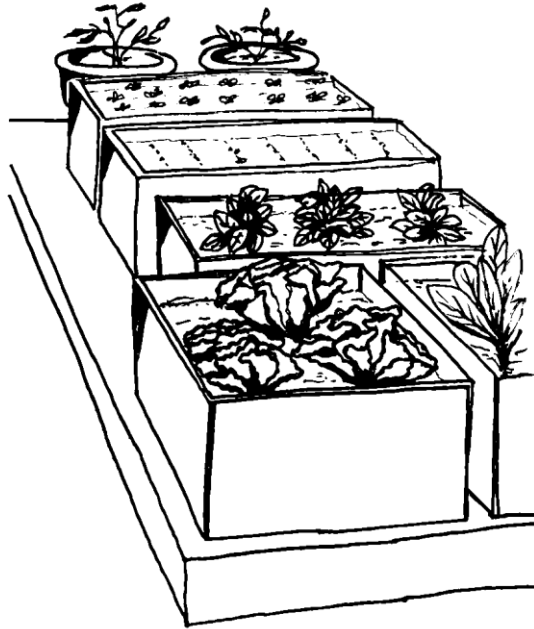
Chimbudzi



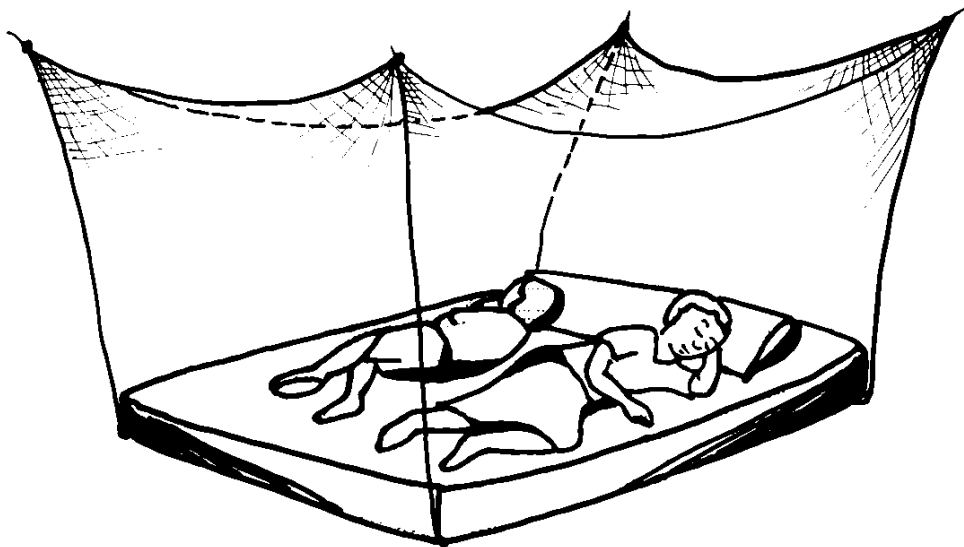
Zinyalala



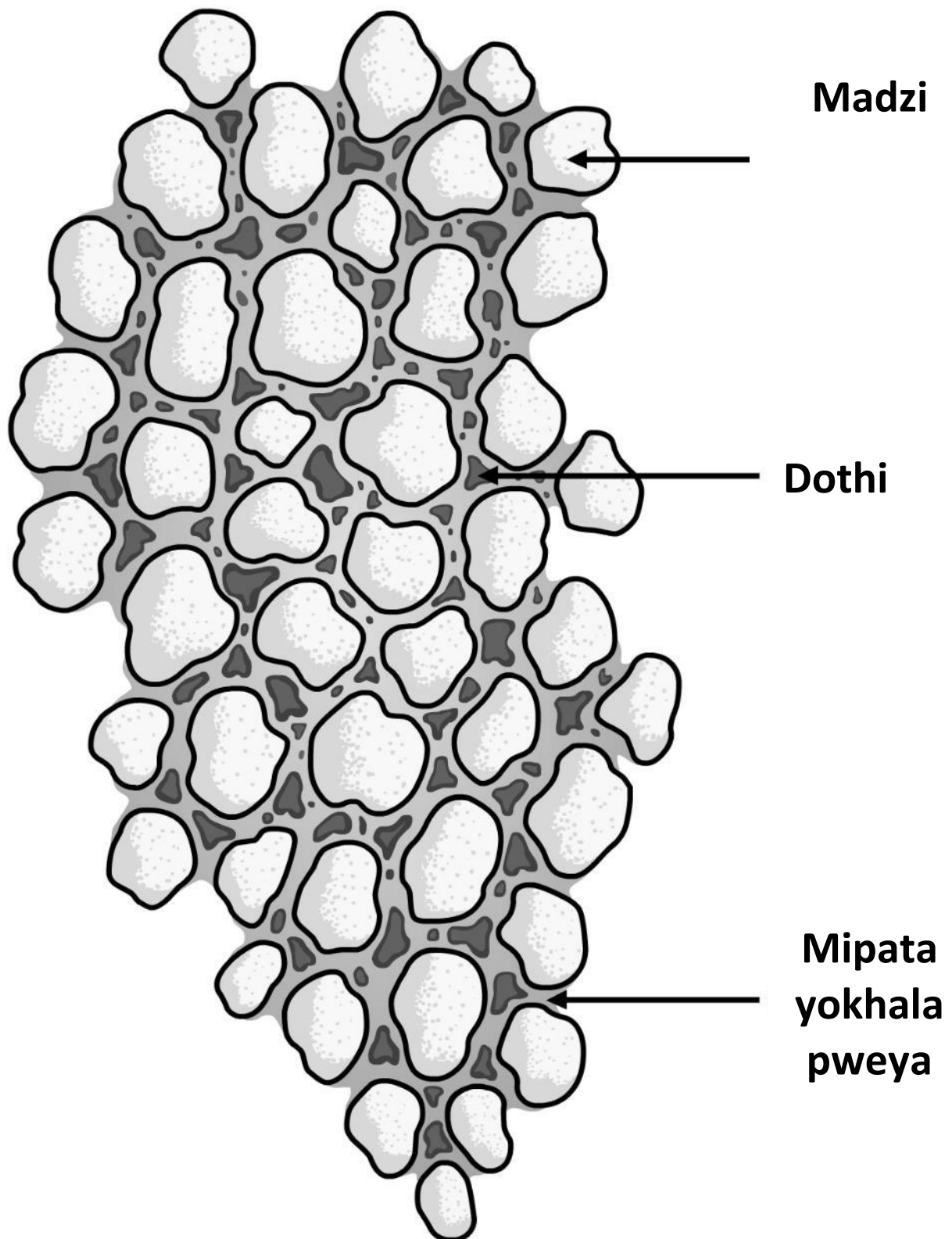
Kulima Masamba



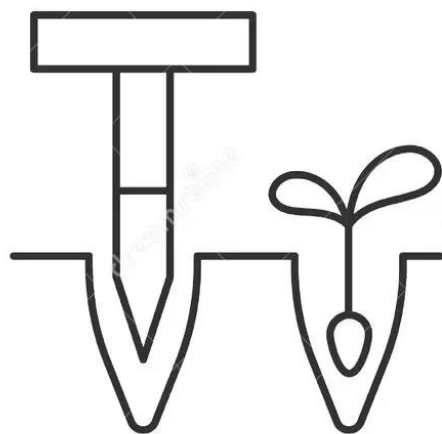
Ukonde wa udzudzu



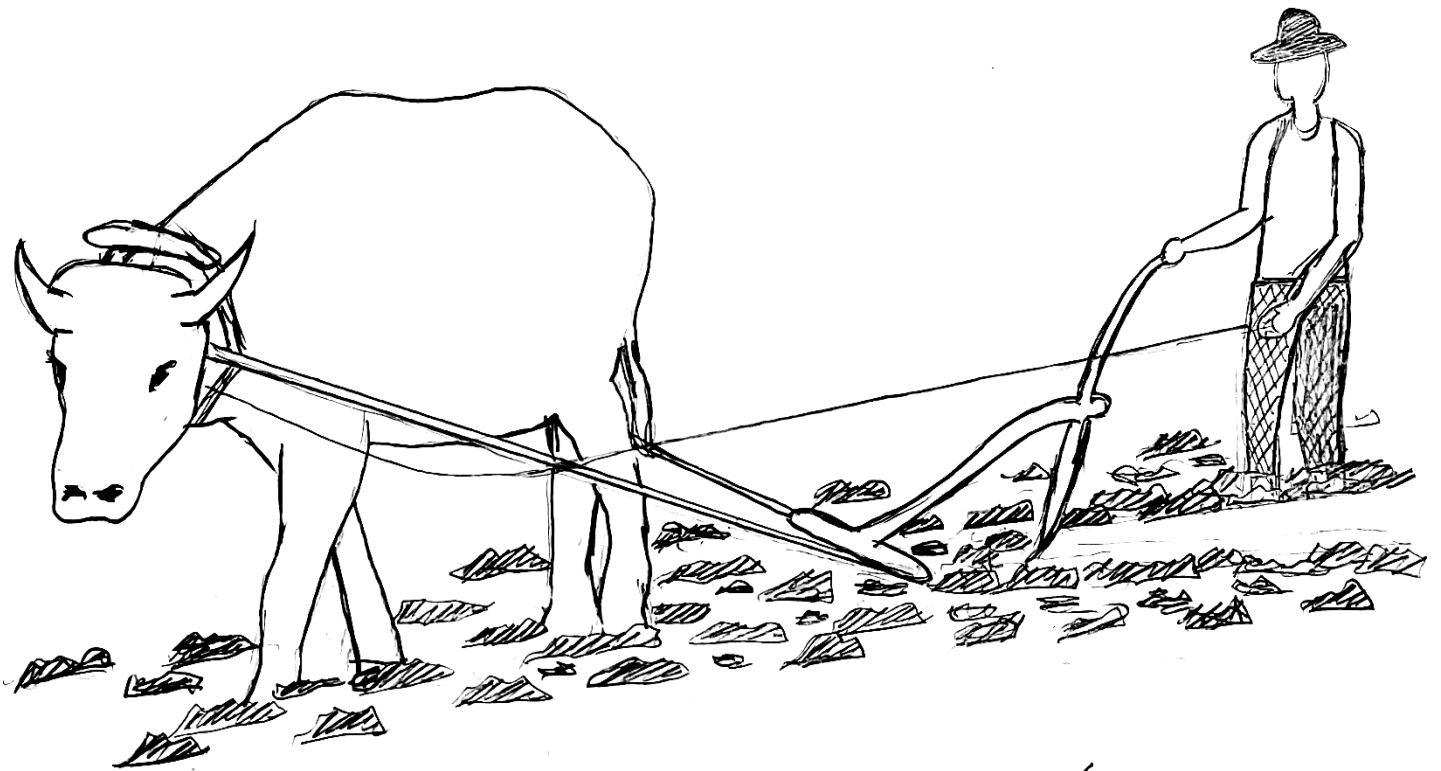
Phunziro 5: Kodi Munthaka Muli Chiyani?



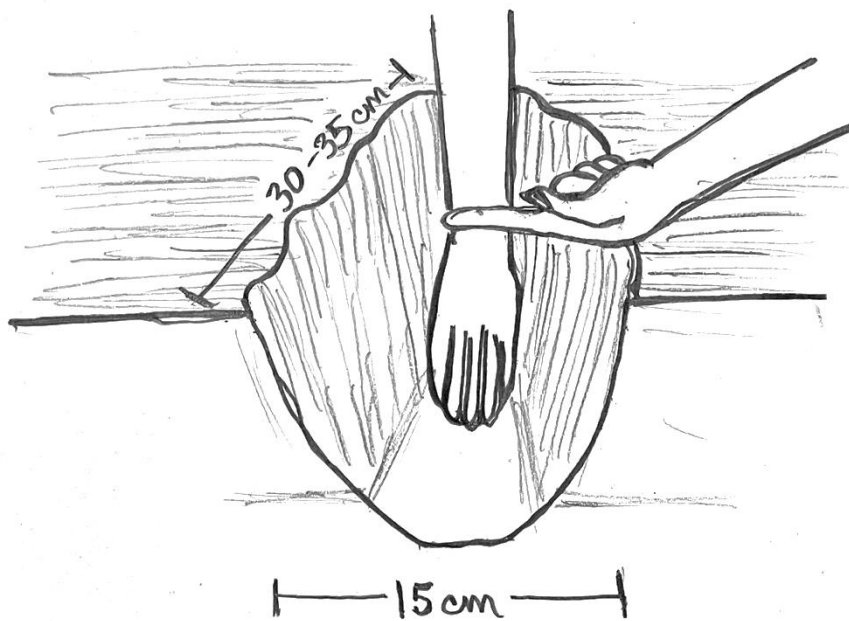
Phunziro 5: Ndodo Yobzalira



Phunziro 5: Mipata Yopapatiza Kapena Zovala Pogwiritsa Ntchito chodulira



Phunziro 5: Mayenje Ang'onoang'ono Obzalira kapena Maenje



Phunziro 5: Mbewu Zophimba Zomera

Zobiriwira Zokhala ndi Malangizo

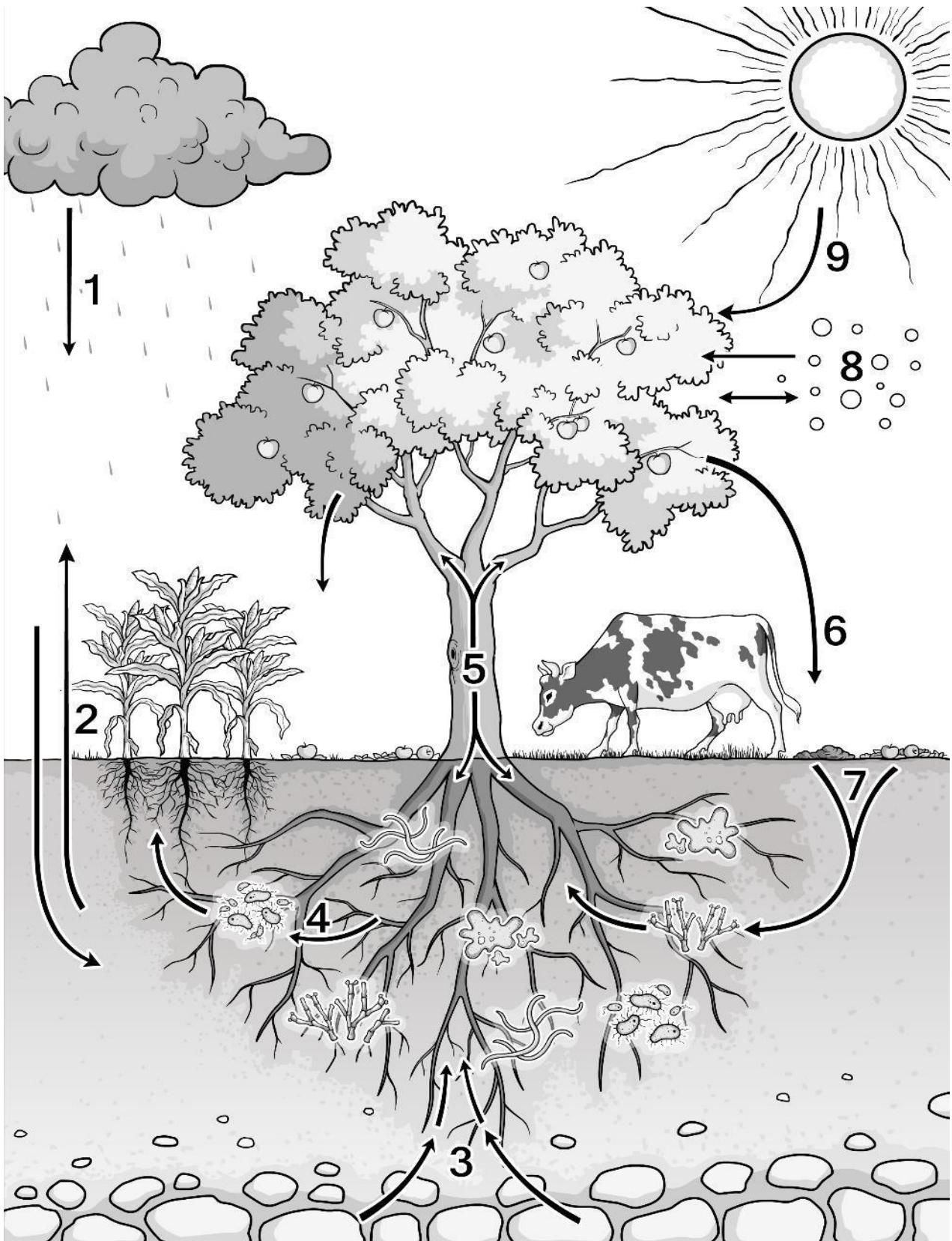
Obzalira

Dzina lodziwika	Kutalika (cm) * Kusiyana pakati pa mizere	Mbewu pa bowo	Mbeu (kg/ha)
Mtedza kapena mtedza wa Bambara	50 x 10 pa	2	
Mtedza wakutchire	50 x 10 pa	2	
Msuzi wa njiwa	50 x 40 pa	2	
Kalopo	30		30
Nanyati	50 x 50 pa	2	
Tanzanian Sun Hemp (Soya)	30		30
Sunhemp (Mtundu wa soya)	30		45
Greenleaf ndi silverlead desmidium (Mtundu wa soya)	30		30
Horsegram (Mtundu wa nyemba)	Kuwulutsa		45
Nyemba ya Hycinth (Mtundu wa nyemba)	60 x 30 pa	2	
Buckwheat (Mtundu wa Nandolo)	Kuwulutsa		95
Soya	50 x 5 pa	2	
Soya osaona nyengo (opilira ku ng'amba)	30*		30
Lupine woyera wotsekemera (mtundu wa nyemba)	30 x 15 pa	2	
Siratiro (mtundu wa zomera)	30		30
Lucene, Alfalfa (mtundu wa zomera)			30
Mankwala a Mbiya			28
Nyemba za Vaveti (Mtundu wa nyemba)	60 x 30 pa	2	
Glycine (mtundu wa Zomera)	30		30
Nandolo			150

Lima nyemba	50 x 15 pa	2	2
Nyemba mba	50 x 15 pa	2	2
Msinje wa Tropical			30
Stilo	30		30
Clovers, Berseem, Arrowleaf, kapena white sweet, subclover	30		30
Mtundu wofila	30		67
Famba nyemba	30 x 15 pa	2	
Lana ubweya wa ma pod vetch kapena wamba wamba kapena Hary Vetch	30		67
Green Glamu (Mtundu wa Zomera)	50 x 5pa	2	
Nandolo	50 x 20 pa	2	

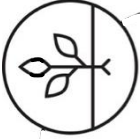


Phunziro 6: Kayendedwe

Kazakudya



Phunziro 6: Tchati Chazakudya

Zopatsa Thanzi

ZOTHANDIZA	KUKULA 	SINTHA 	KUCHA 
Nayitrogeni (N)	Wapamwamba	Zochepa	Zochepa
Potaziyamu (K)	Zochepa	Wapakati	Wapakati-Wamtali
Phosifolasi (P)	Zochepa	Wapamwamba	Wapakati
Kashiamu (Ca)	Zochepa	Wapamwamba	Wapakati

Phunziro 6: Makhadi a Zakudya ndi Magawo

Tizomera kupanga mizu ndi mphukira	Zomera zimayamba kuphuka panthawiyi	Chipatsocho chimayamba kucha pa zomera
Zomera zakhanda	Zomera zachinyamata	Zomera zazikulu
Imafunika kuchuluka kwa nayitrogeni kuti ikule bwino	Zomera zimafunikira Phosiforo lasindi Calcium	Zomera zima funa kuchuluka kwa potaziyamu pakukula kwamitundu ndi zina phosipholasi ndi kasiyamu
Imafunikira potaziyamu yochepa, phosifolasi ndi kasiyamu.	Zomera zima funa potaziyamu ndi nayitrogeni wochepa kwambiri	Mulingo wochepa kwambiri wa Nayitrogeni umafunika
Gawo Lakukula	Gawo lakusinthamulingo	Gawo Locha

Phunziro 6: Kuonjezera

Zakudya Zakudya

<p>Nandolo ndi Nyemba</p>  <p>Nayitrogeni</p>	<p>Manyowa a kompositi</p>  <p>Nayitrogeni</p>	<p>Malo a Khofi</p>  <p>Nayitrogeni</p>
<p>Zithunzi za Mbewu</p>  <p>Nayitrogeni</p>	<p>Masamba a Nthochi</p>  <p>Potaziyamu, phosifolasi</p>	<p>Zipolopolo za Nkhanu</p>  <p>Phosifolasi</p>
<p>Masamba</p>  <p>Phosifolasi</p>	<p>Mbewu ya Mtedza</p>  <p>Phosifolasi</p>	<p>Zipolopolo za mazira</p>  <p>Kashiamu</p>

**Phulusa la
nkhuni**



Kashiamu, Potaziyamu

Udzu



Potaziyamu



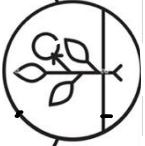
**Udzu
wam'nyanja**



Potaziyamu

Phunziro 6: Zida Zamoyo

Pagawo Lililonse la Kukula

KUKULA 	SINTHA 	KUCHA 
Nayitrogeni (N)	Phospholasi (P) Kasiyamu (Ca)Potaziyamu (K)	Potaziyamu (K)Kasiyamu (Ca) ndi Phosphorus (P)
Nandolo, nyemba, ng'ombe za ng'ombe ndi nkhuku, malo osungira, ma GMCC ena	ma peel a nthochi, zipolopolo za nkhanu, ma peel a shrimp, zipolopolo za mazira a mtedza, phulusa la nkhuni, kelp ndi udzu wa m'nyanja	ma peel a nthochi, zipolopolo za nkhanu, ma peel a shrimp, tirigu ndi mtedza, zipolopolo za mazira, phulusa la nkhuni, kelp ndi udzu wa m'nyanja

Phunziro 6: Kudzipangira Wekha Manyowa

Ndondomeko

- Pansi paukhondo, sakanizani 20 kg manyowa, ndi 20 kg mankhusu a chimanga kapena masamba akufa. (Gwiritsani ntchito manyowa a nyama zazing'ono monga mbuzi ndi nkhuku, osati manyowa a ng'ombe kapena akavalo.)
- Onjezerani phulusa la nkhuni 10 kg ndikusakanizanso.
- **Chosankha: Sitikulimbikitsani kuti mugule feteleza wa mankhwala, koma ngati MULI NAWO, mutha kuwonjezera pang'ono feteleza wanu wachilengedwe panthawiyi (5kg CAN kapena 5kg Urea Chemical Feteleza)
- Onjezani malita 5 a mkodzo (wanyama kapena wamunthu) kapena madzi. Sakanizani zonse bwino kwambiri.
- Ikani osakaniza mu thumba lalikulu la pulasitiki. Ikani chikwamacho mkati mwa thumba ndikuchimanga mwamphamvu kuti mpweya usalowe kapena kutuluka. Ikani m'malo ophimbidwa kwa masiku 21.
- Pambuyo pa masiku 21, tsegulani thumbalo. Samalani kuti musayang'ane momwemo! Fungo ndi mpweya umene umatuluka ndi wamphamvu kwambiri. Yanikani fetereza pamthunzi kwa maola awiri kenaka yikani m'thumba kuti musungidwe kapena mugwiritseni ntchito nthawi yomweyo.

Yesani feteleza wanu pagawo laling'ono la mbewu yanu musanagwiritse ntchito pa mbewu zanu zonse. Feteleza pang'ono ndi zinthu zachilengedwe zingapangitse kusiyana kwakukulu.

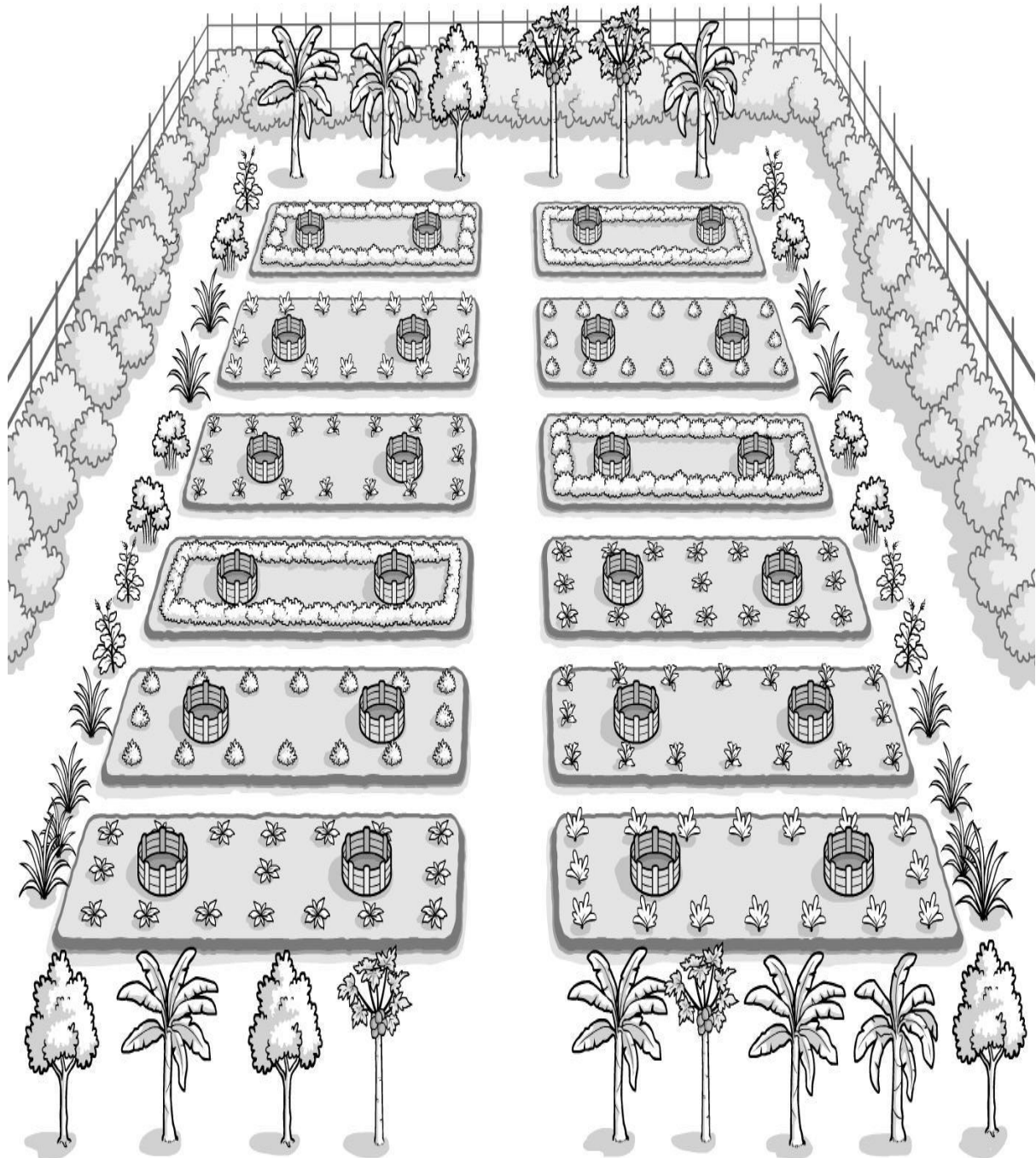
Zida Zina Zofunika Zachilengedwe Zomwe Mungawonjezere ku Feteleza Wanu:

Zinthu zachilengedwezi zimawonongeka pang'onopang'ono ndipo sizidzawononga nthaka yanu.

- Masamba a nthochi – Dulani tsamba imodzi kapena ziwiri kukhala tizidutswa tating'ono. Onjezerani kusakaniza kwa feteleza. Amawonjezera POTASIYAMU.
- Malo a khofi – Kuwaza malo a khofi omwe adagwiritsidwa kale ntchito pamwamba pa nthaka musanathiritse mbewu. Amawonjezera NITROGENI. Makamaka zabwino kwa tomato ndi maluwa.

- Zipolopolo za mazira – Sambani, ndiye kuphwanya. Gwirani zidutswa za zipolopolo m'nthaka pafupi ndi tomato ndi tsabola. Zipolopolo za mazira zimawonjezera KASIYAMU, yomwe imathandiza kuti maluwa asawole.
- Nandolo ndi nyemba ndi ma GMCC ena – Phatikizani, kenaka onjezerani m'nthaka.
- Udzu wam'nyanja – Dulani chidebe chaching'ono cha zitsamba zam'nyanja zatsopano kapena zouma. Onjezerani ku malita 5 a madzi. Lolani kukhala kwa masabata 2-3 osaphimbidwa. Thirani nthaka ndi masamba ndi makapu 2-6, kutengera kukula kwa mbewu.

Phunziro 7: Munda wa Chakudya Cha Chaka Chonse



Phunziro 7: Njira Khumi

Zopangira Munda Wazakudya

Wazaka Zonse

Gawo 1 – Pezani malo abwino kwambiri
am'mundamo

Gawo 2 – Perekani malo okwanira

Gawo 3 – Konzani bwino nthaka

Gawo 4 – Kukopa nyongolosi.

Gawo 5 – Bzalani 1/3 ya dimba ndi masamba
okhwima okhwima

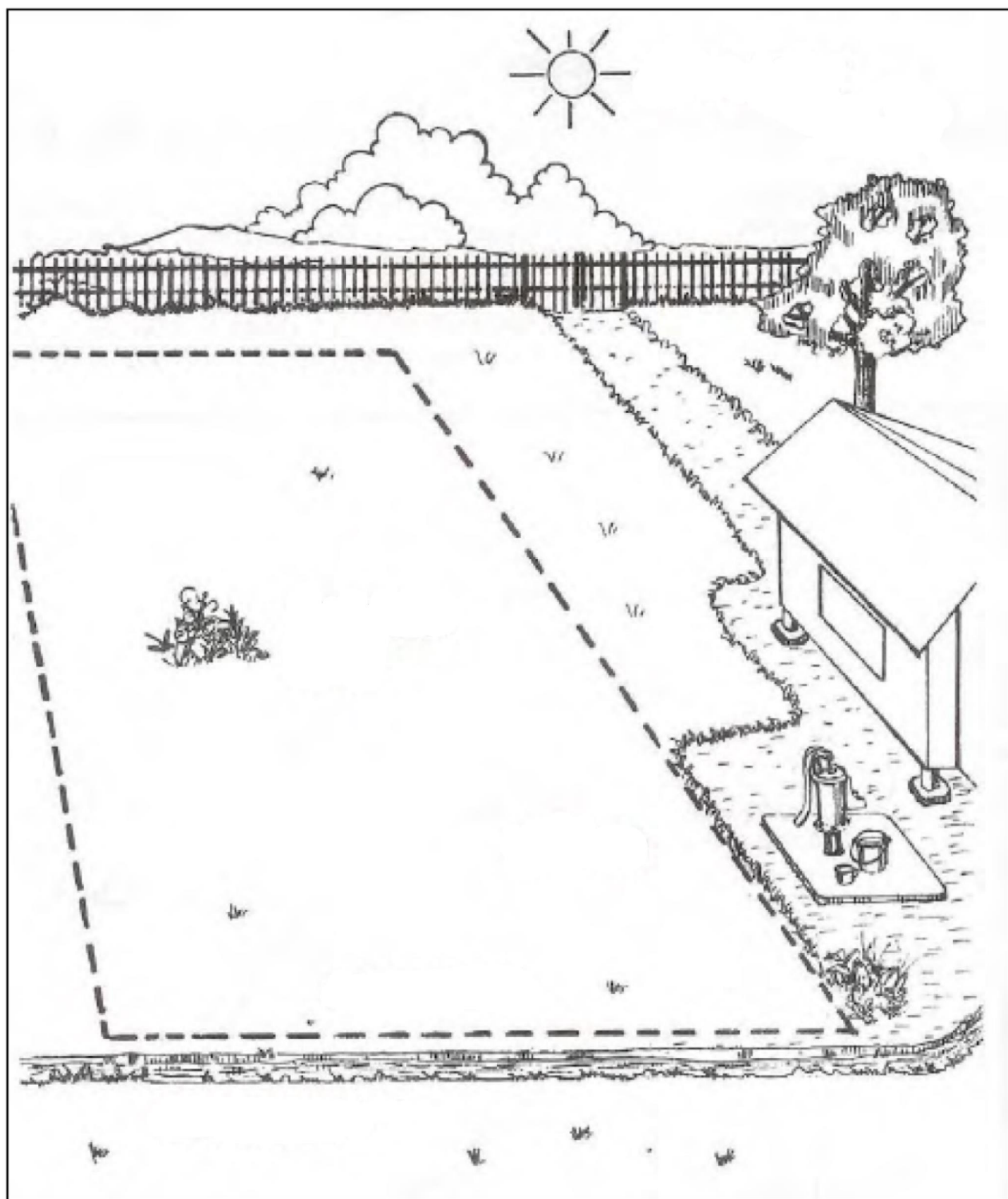
Gawo 6 – Bzalani 1/3 yotsatira ndi masamba
amchaka

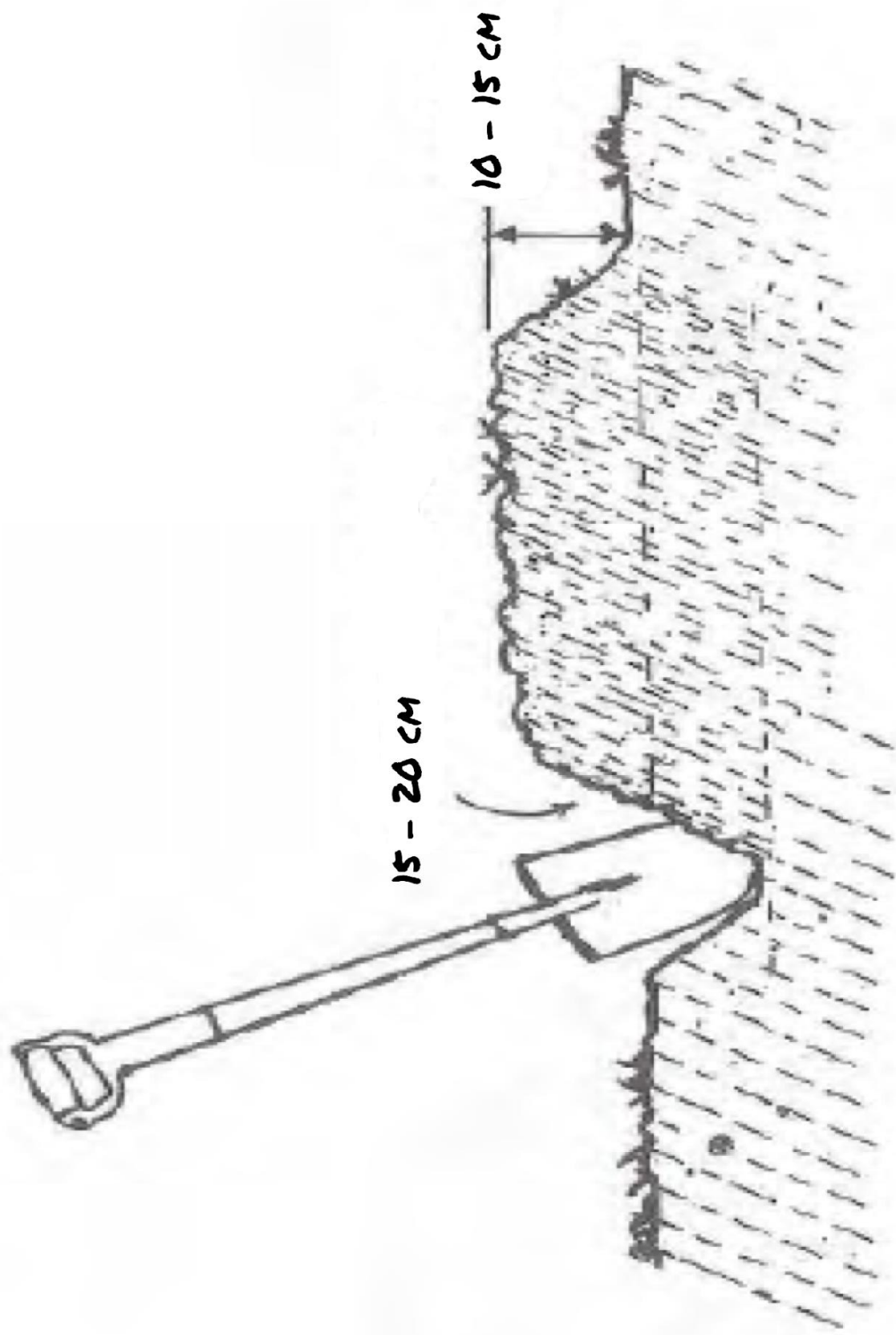
Gawo 7 – Bzalani komaliza 1/3 ndi masamba
apachaka

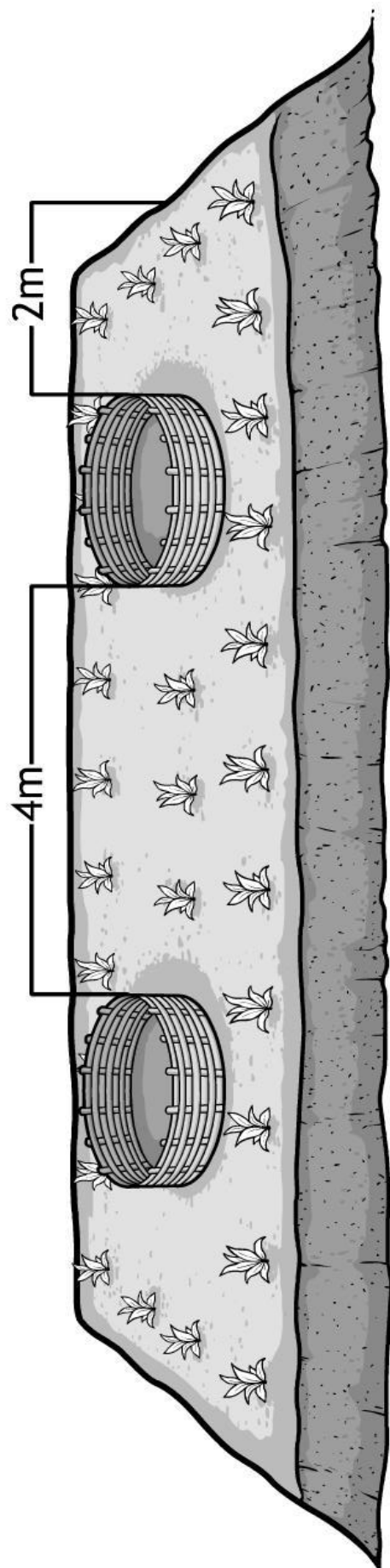
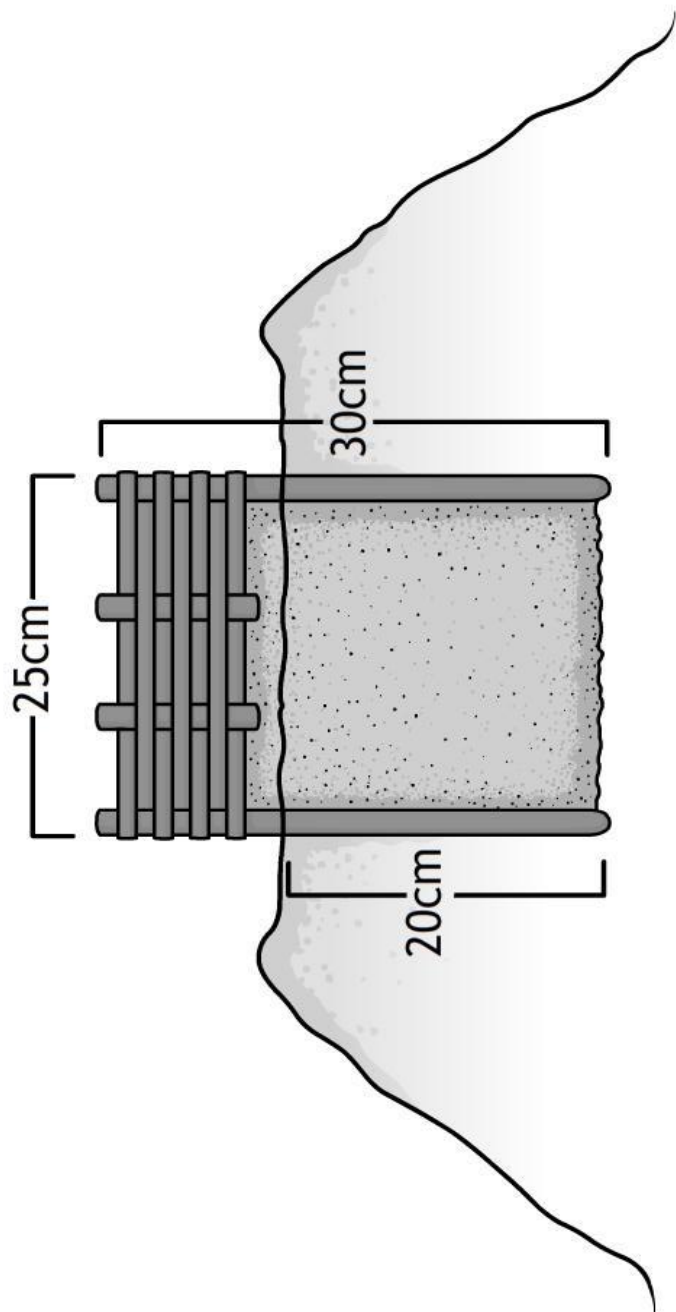
Gawo 8 – Bzalani malo ozungulira dimbalo ndi
mbewu zokhazikika

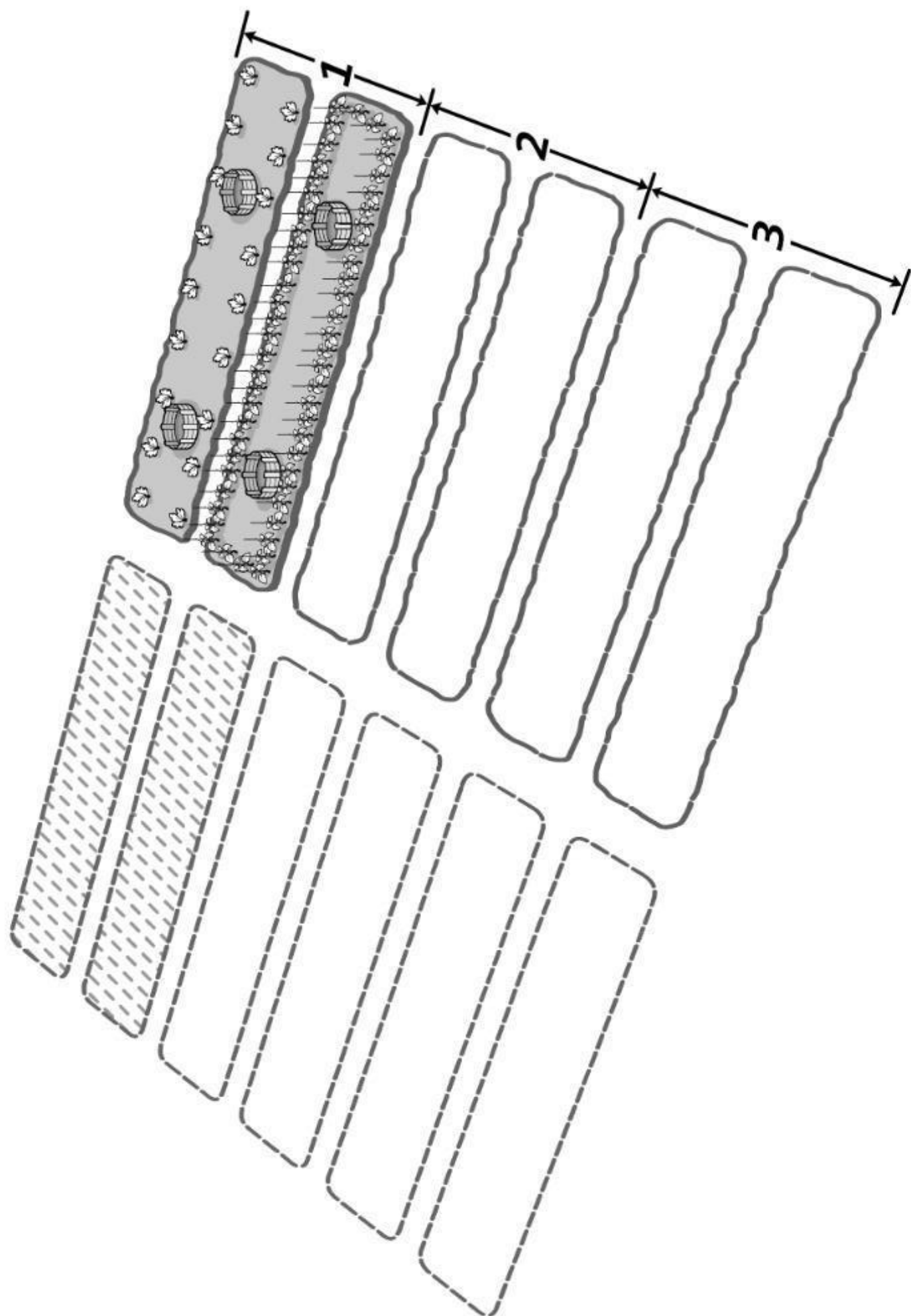
Gawo 9 – Bzalani gawo losungidwa pa nthawi yake

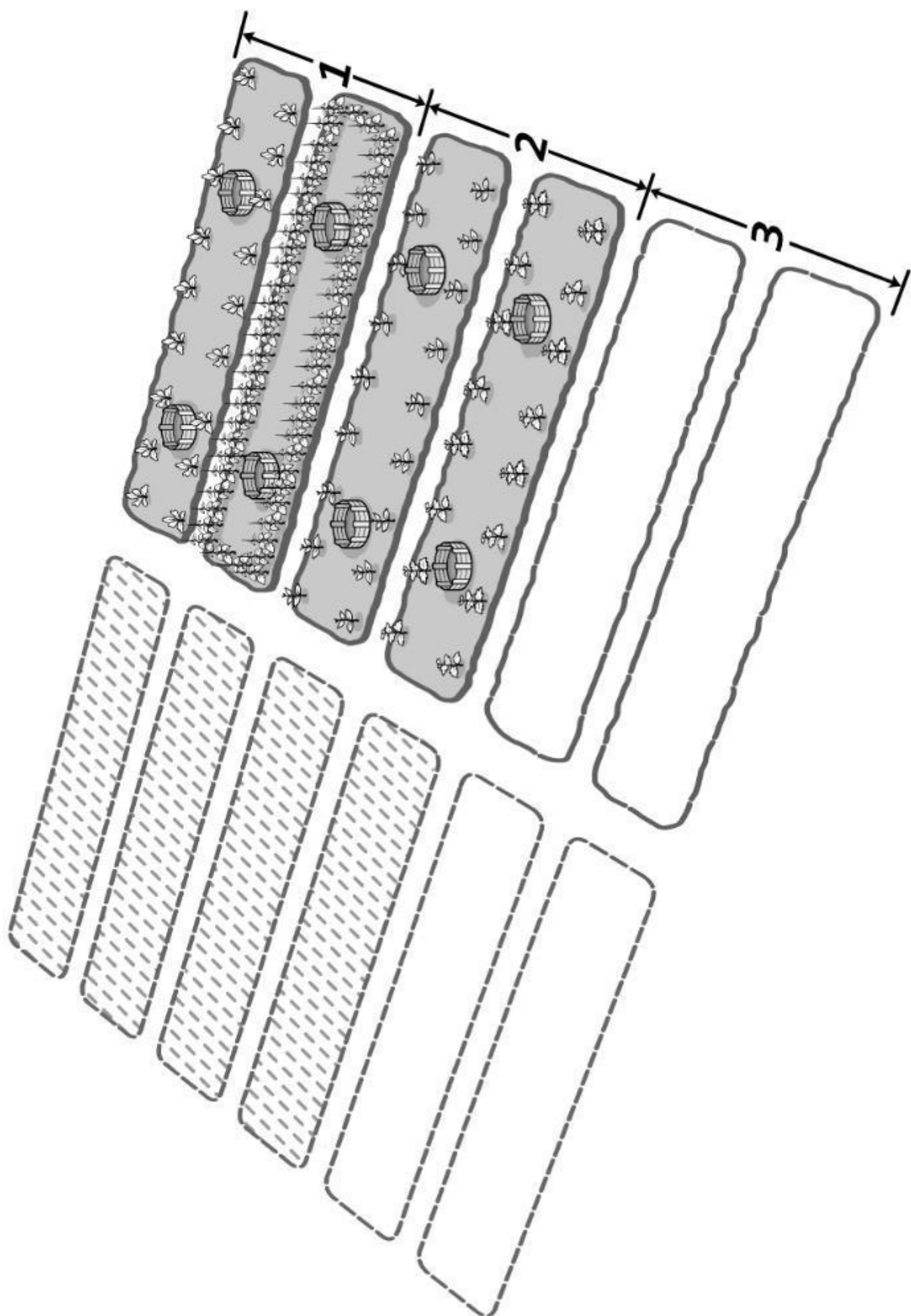
Gawo 10 – Yesetsani Kutembenuza mbewu

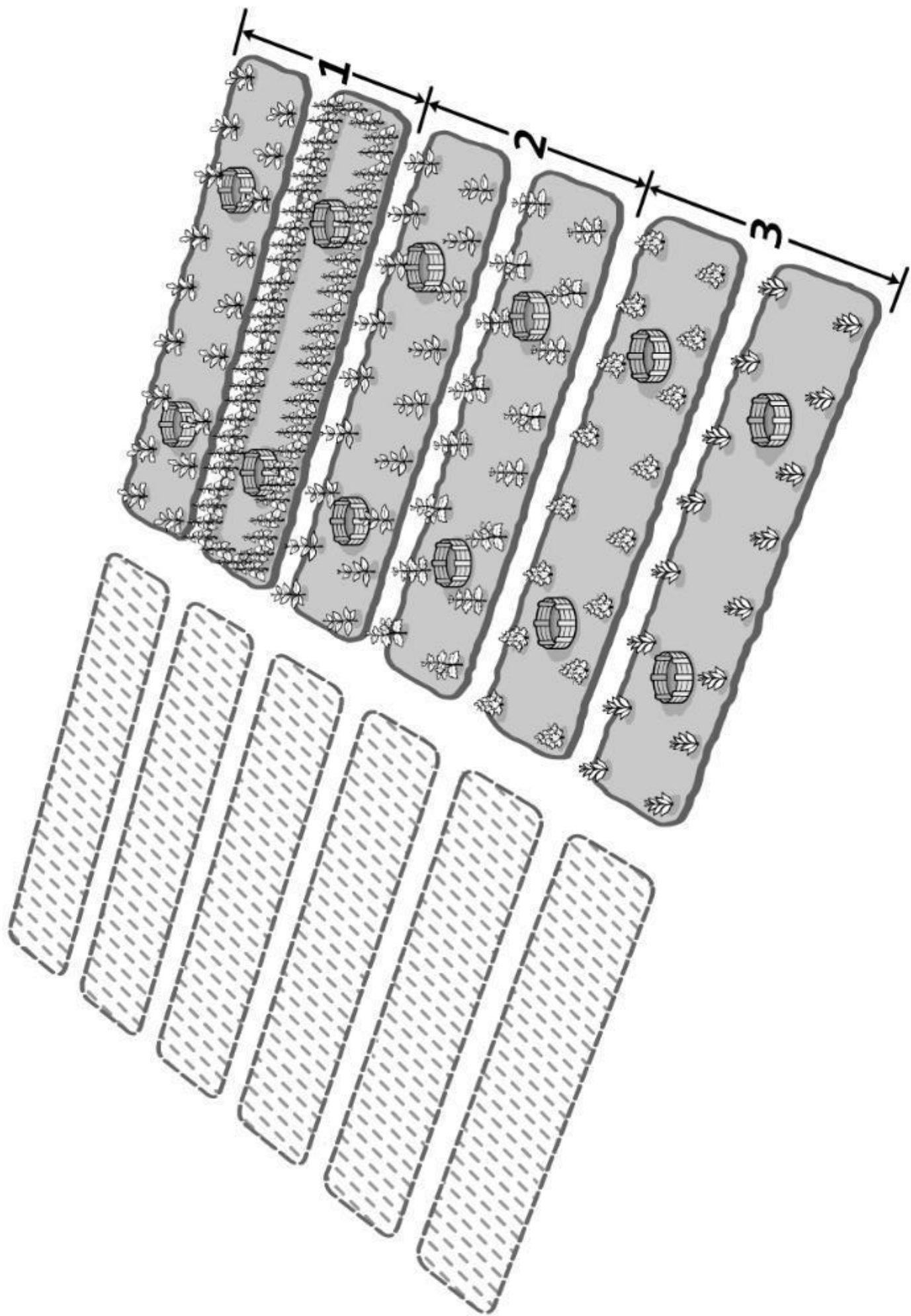


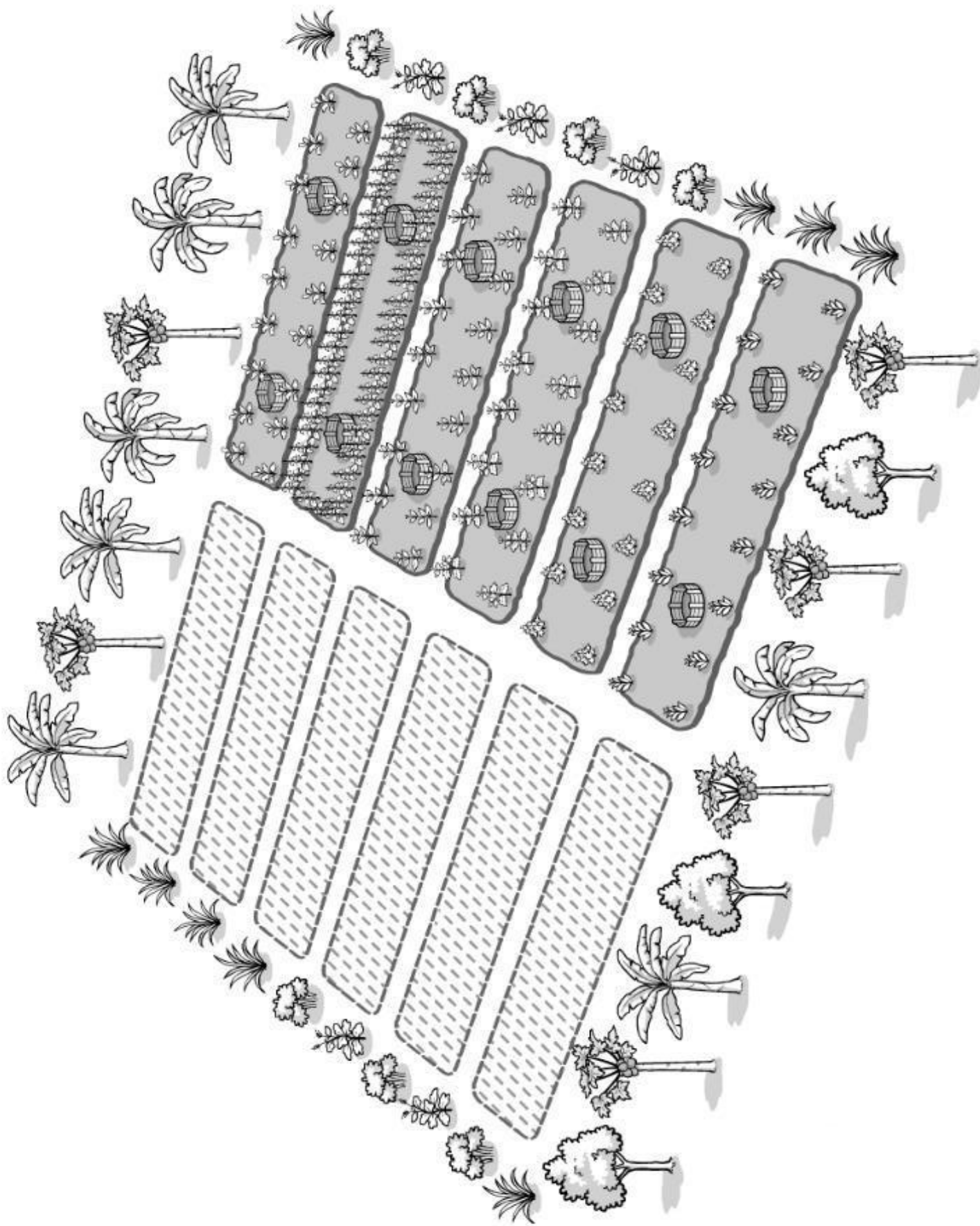


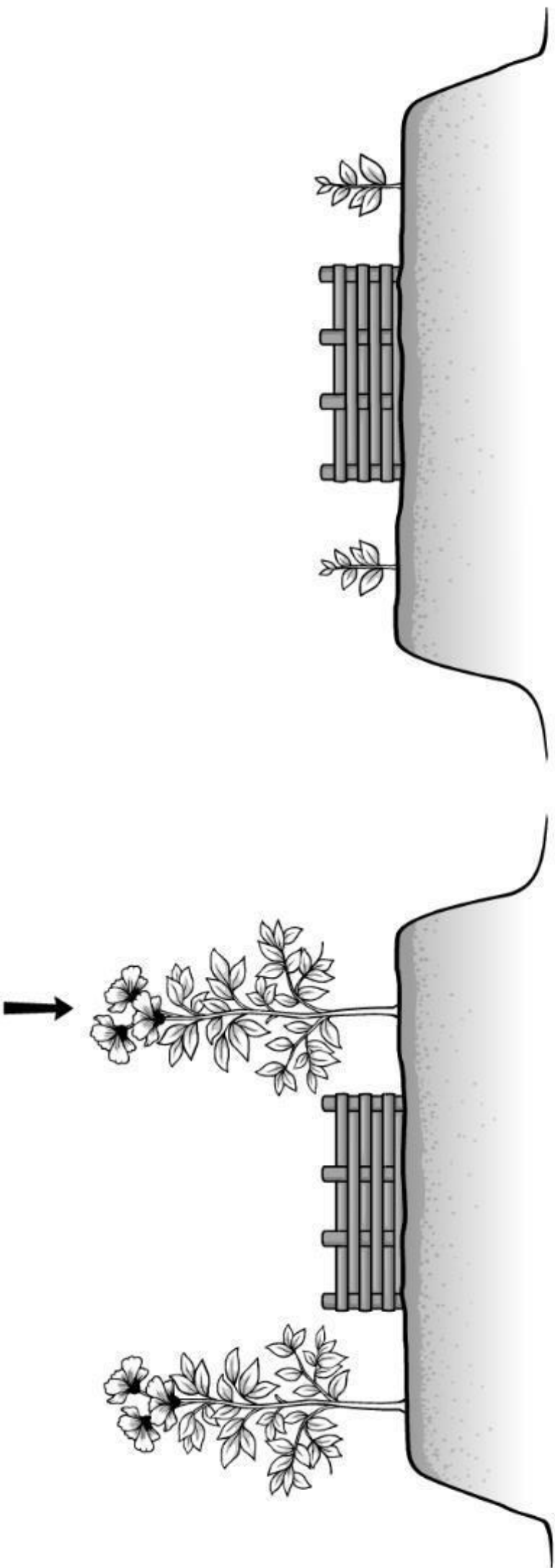




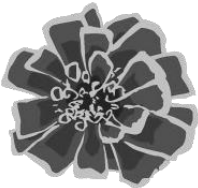



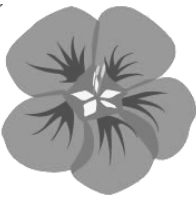



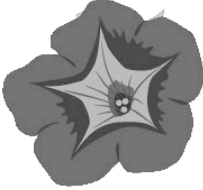







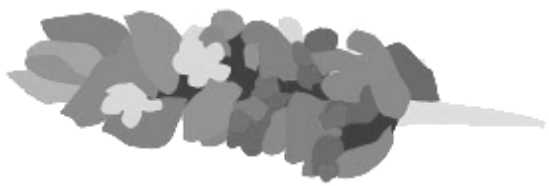

Phunziro 8: Zomera Zomwe Zimathamangitsa Tizilombo Mwachibadwa Makhadi



Chomera	Kuthamangitsa
<p>Marigolds</p> 	<p>Udzudzu, nsabwe za m'amasamba</p> 



Chomera	Kuthamangitsa
<p>Nasturtiums</p> 	<p>Whiteflies, kabichi loopers, nsabwe za m'amasamba, kafadala ambiri, nsikidzi za sikwashi</p> 



Chomera	Kuthamangitsa
<p>Petunias</p> 	<p>Nsabwe za m'amasamba, katsitsumzukwa, leafhoppers, nsikidzi za squash, phwetekere</p> 

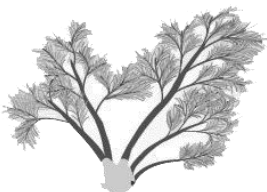

Chomera	Kuthamangitsa
<p>Basil</p> 	<p>Ntchentche zapakhomo, udzudzu</p> 

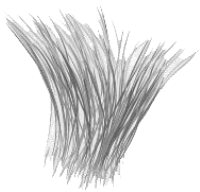

Chomera	Kuthamangitsa
<p>Lavender</p> 	<p>njenjete, utitiri, ntchentche, udzudzu</p> 



Chomera	Kuthamangitsa
<p>Lemongrass, mandimu thyme, mandimu mankhwala, timbewu, rosemary</p> 	<p>Udzudzu</p> 

Chomera	Kuthamangitsa
<p>Thyme</p> 	<p>Ntchentche zoyera, zoluka za kabichi, mphutsi za kabichi, nyongolotsi za chimanga, ntchentche zoyera, nyongolotsi za tomato</p> 

Chomera	Kuthamangitsa
<p>Dilo</p> 	<p>Nsabwe za m'amasamba, nsikidzi za squash, akangaude, nsabwe za m'amasamba, phwetekere za phwetekere</p> 

Chomera	Kuthamangitsa
<p>Fennel</p> 	<p>Nsabwe za m'amasamba, slugs, nkono</p> 

Chomera	Kuthamangitsa
<p>Allium Family (chives, anyezi, leeks, shallots)</p> 	<p>Slugs, nsabwe za m'amasamba, ntchentche za karoti, nyongolotsi za kabichi</p> 

Chomera	Kuthamangitsa
<p>Chrysanthemums</p> 	<p>mphemvu, nyerere, kafadala za ku Japan, nkhopakupa, silverfish, nsabwe, utitiri, nsikidzi, akangaude, nsikidzi za harlequin, root knot nematodes</p> 

Phunziro 8: Mapangidwe a Nyumba ya Mleme

Yambani ndi bolodi lolimba, lopyapyala, pafupifupi 28cm x 2cm x 1.5m

Dulani bolodi mu zidutswa zotsatirazi:

A: 45cm x 28cm

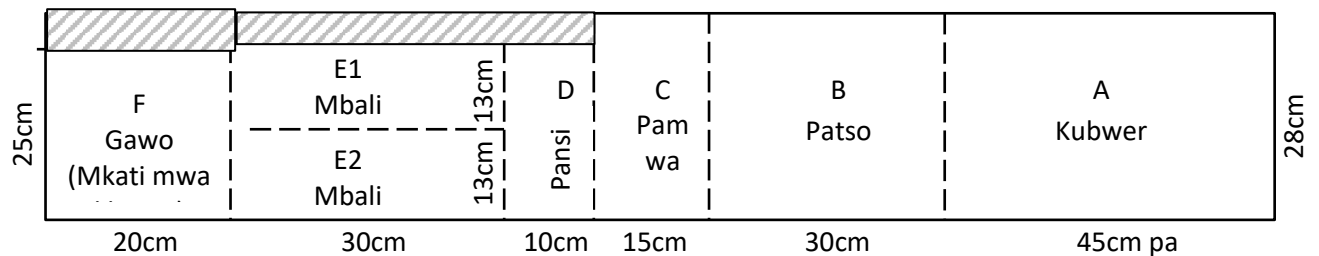
D: 10cm x 26cm

B: 30cm x 28cm

E1 ndi E2: 30cm x 13cm

C: 15cm x 28cm

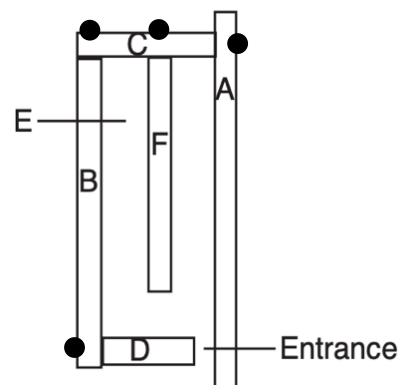
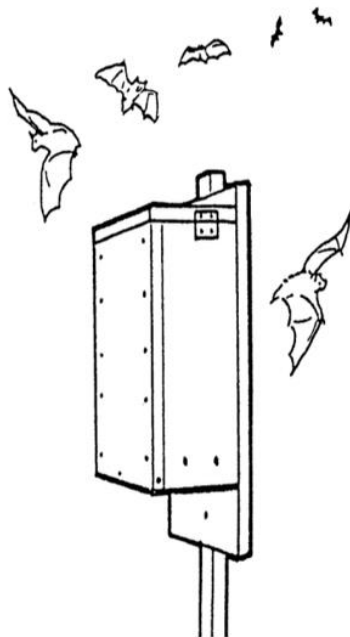
F: 20cm x 25cm



Gwiritsani ntchito bolodi lolimba kuti mileme igwire matabwa.

Gwiritsani ntchito misomali kapena zomangira kuti muteteze zidutswazo pamodzi monga momwe madontho akuda akuwonekera pazithunzizo.

Kukwera pamtengo kapena mbali ya nyumba.



Phunziro 8: Nyumba ya Tizilombo

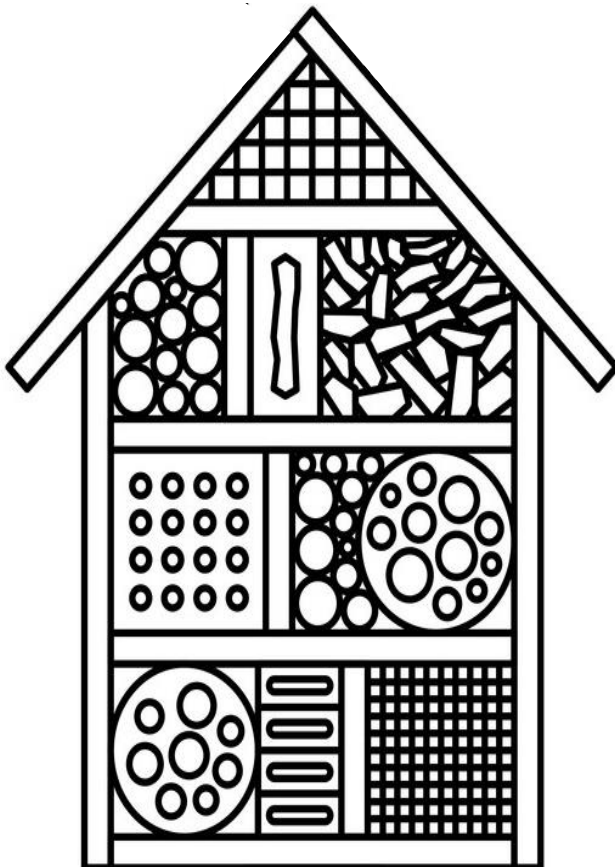
Nyumba ya tizilombo safunika kuwononga chilichonse kupatula nthawi. Mutha kugwiritsa ntchito zinthu zomwe muli nazo kale monga matabwa, mapaleti, nyuzipepala, udzu, mabotolo apulasitiki, nsungwi, mapaipi, malata (kapena zofolerera) ngakhale zipika zowola.

Perekani denga ndi makoma kuti mvula ikatha, madzi asalowe mu hotelo ya tizilombo. Tizilombo tambiri timakonda kunyowa pang'ono koma osati monyowa.

Mapeto amodzi a nyumbayo ayenera kukhala otseguka, ndipo mkati mwake ayenera kudzazidwa ndi zipangizo zosiyanasiyana. Mahotela a tizilombo amachita bwino kwambiri pamalo otetezedwa kutali ndi mphepo yambiri.

Njuchi zimakonda madera adzuwa. Tizilombo timakopekansa ndi maluwa ndi maiwe a m'derali.

Tizilombo tosiyanasiyana tidzakokedwa kuzinthu zosiyanasiyana.



Zipika zowola - yabwino kwa mbawala zoboola matabwa. Ikani m'munsi mwa nyumbayo kuti matabwawo azikhala achinyezi komanso sakanizani ndi zinthu zina zowola m'nthaka. Izi zidzakopanso tizilombo tabwino ndi tizilombo tina ndi tina.

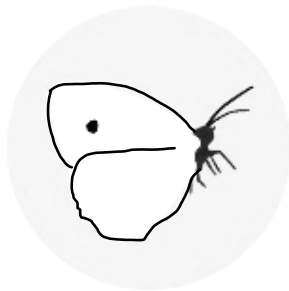
Matabwa, msungwi ndi mzimbe zoola - Njuchi ndi mavu amakopeka.

Nthambi, ndodo ndi zomwe zimayambirila - Sungani pamodzi kukula kwake kosiyanasiyana kuti mukope akafadala ndi tizilombo tina ndi tina.

Udzu, udzu wouma ndi wokutidwa nyuzipepala kapena makatoni -
gwiritsani ntchito kudzaza mabowo mu hotelo ndikukopa tizilombo tina
tomwe timateteza minda yathu ku tizirombo. Izi zitha kuikidwa mkati mwa
botolo la pulasitiki lokhala ndi pobowola papakulu kumapeto kwake kuti
ziumulire.

Phunziro 8: Makhadi Opindulitsa ndi Owononga Tizirombo

Tizilombo ta mu kabichi



Zilombo za mu kabichi



Mphutsi



Tizilombo today masamba



Chiswe



Zilombo zodya masamba



Borer wa Squash Vine (Todaya tomato)



Tomato Horn Worm (Todya tomato)



Tizilombo todaya kaloti



Tizolombo todaya masamba



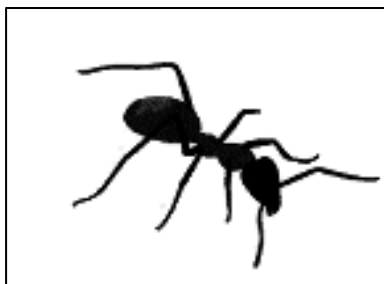
Slugs & Nkhono



Ntchentche Zoyera & Nsabwe za
m'masamba



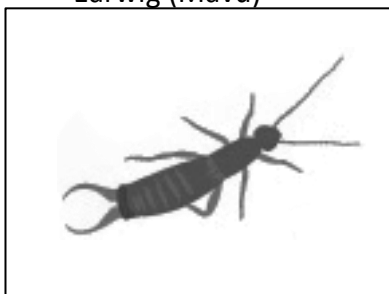
Nyerere



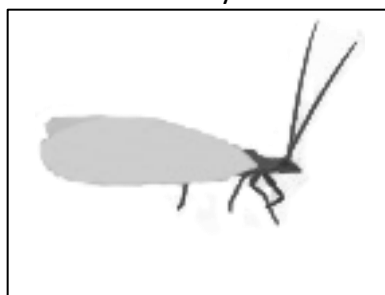
Njuchi



Earwig (Mavu)



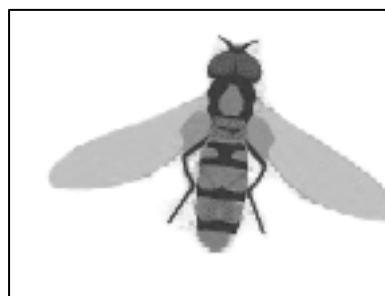
Touluka todaya mbewu



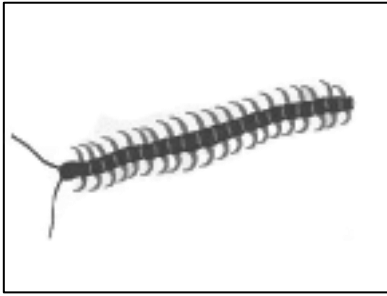
Nsikidzi



Mavu



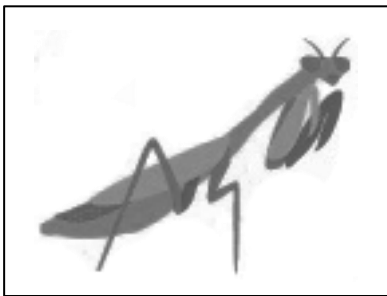
Namkalidzi



Bembelezi



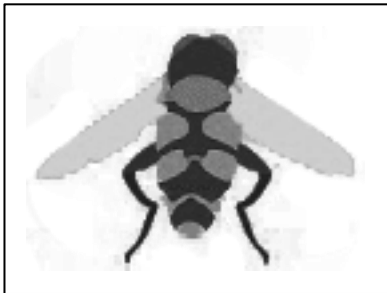
Chiswa mphika



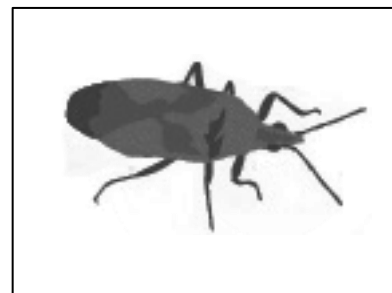
Kangaude



Bembelezi







MPhemvu







Phunziro 8: Makhadi



Owononga Masamba


Kuwonongeka	Tizilombo
<p>Masamba opunduka, kuyamwa zokudya za mtengo</p> 	<p>Nsabwe za m'amasamba</p> 



Kuwonongeka	Tizilombo
<p>Masamba owawuka, kuyamwa zokudya za mbewu</p> 	<p>Nthata ndi mphemvu</p> 



Kuwonongeka	Tizilombo
<p>Masamba otafunidwa kapena opangidwa ndi mafupa</p> 	<p>Zikumbu, mbozi, ndi machekeka ntchentche</p> 

Kuwonongeka	Tizilombo
<p>Zomera zamasamba (zomera zachilendo)</p> 	<p>Mavu , nsabwe za m'amasamba ndi nthata</p> 

Kuwonongeka	Tizilombo
Migodi ya masamba (zoyera pamasamba)	Chikumbu, ntchentche kapena njenjete
	

Kuwonongeka	Tizilombo
Masamba opindidwa	Mbozi, nkhanu zamitengo, ndi akangaude
	

Kuwonongeka	Tizilombo
Masamba ogubuduzika	Nthata zina kapena mbozi
	

Kuwonongeka	Tizilombo
Masamba otafunidwa, njira zamatope	nkhono
	

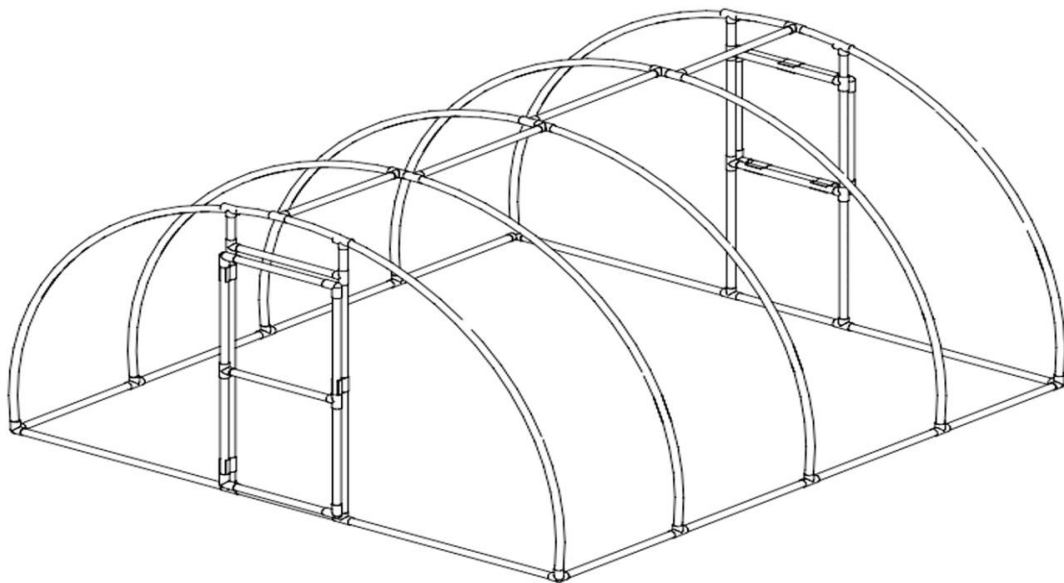
Phunziro 8: Nyumba ya Matabwa

Nyumba za matabwa zimamangidwa pogwiritsa ntchito zida zoyambira monga ma paipi kapena nsungwi. Amalimbikitsidwa ndi zitsulo kapena mitengo kuti akhazikike pansi. Zomangira za linya kapena lamba zazikulu zimagwiritsidwa ntchito kumangirira chimango pamodzi. Chi pepala cha pulasitiki chimakwirira nyumbayo, ndi midadada ya simenti kapena miyala ikuluikulu kuti pulasitiki ikhalepo.

Chimango chakunja - Ikani chitseko kumapeto kulikonse popanga matabwa ndikuchiphimba ndi pulasitiki. Tetezani chitseko chamtengo wa arched pogwiritsa ntchito zomangira za linya kapena malamba. Tetezani malekezero ndi mitengo kapena zitsulo yokwiridwa osachepera phazi limodzi pansi. Gwirizanitsani mtanda kuchokera kumapeto mpaka kumapeto. (Mutha kuwonjezera mzati pothandizila kuti mbali zonse ziime bwino)

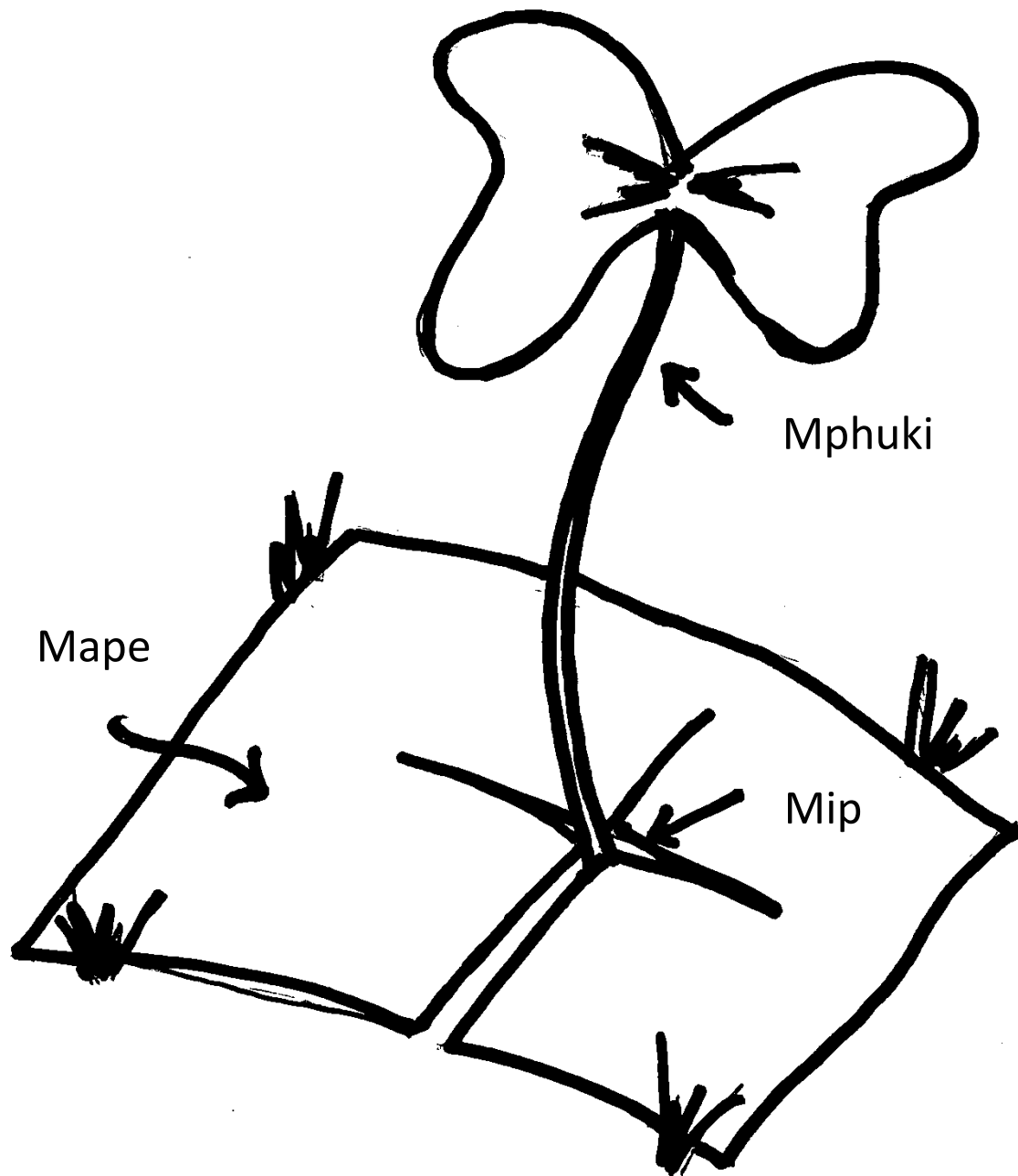
Gwirizanitsani mabwalo okwanira kuti chipangizochochikhale ndi choima bwino.

Phimbani chimango ndi pulasitiki. Onetsetsani kuti muli ndi zowonjezera pambali ndi pakhomo ndi kumapeto. Ndi bwino kukhala ndi munthu kumbali iliyonse kuti akoke pulasitiki yolimba. Pulasitiki ikakhazikika mutha kugwiritsa ntchito matabwa aatali kapena midadada ya simenti kapena miyala kuti musunge pulasitikiyo pansi.




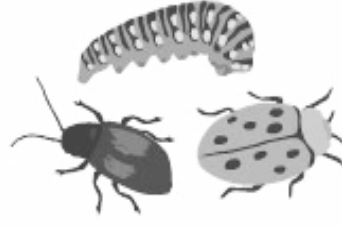


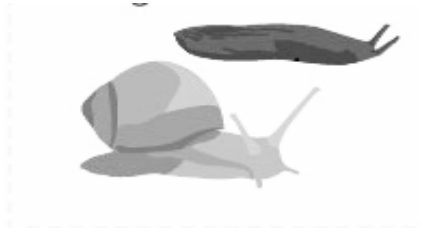




Phunziro 8: Chotchinga

Papepala

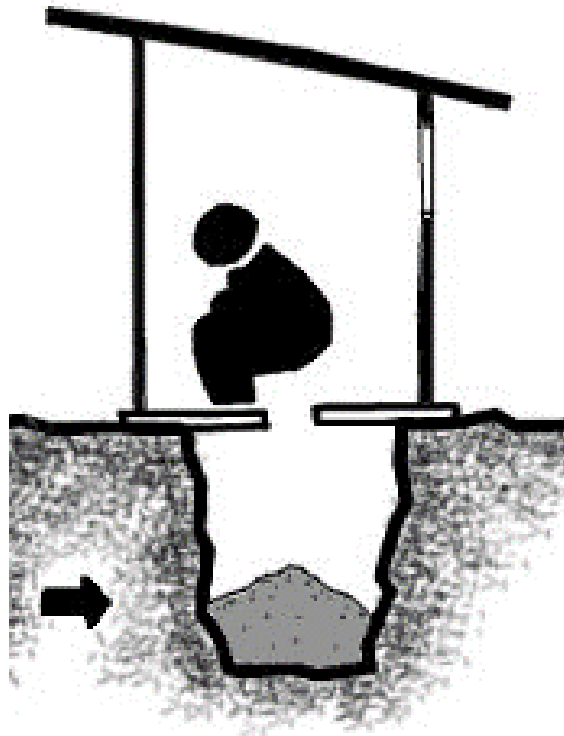


Phunziro 8: Makhadi a zopanda Poizoni, Zopangira Panyumba

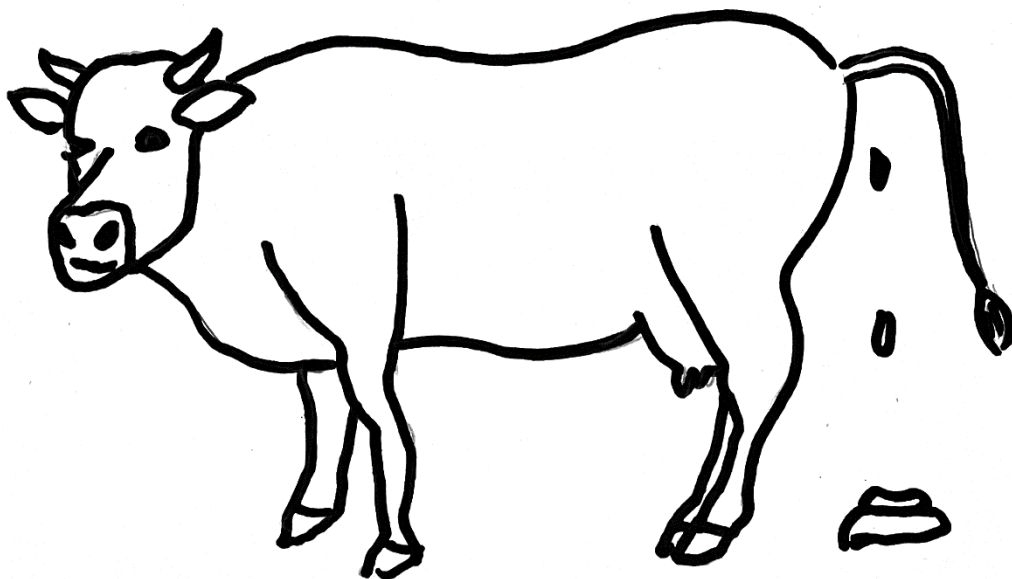
<p>Tizilombo tonse tizirombo</p> 	<p>Kuphwanya 2 ma cloves adyo.</p> <p>Thirani madzi okwanira 1 litre pa adyo.</p> <p>Phimbani ndipo mulole izo zikhale usiku wonse.</p> <p>Thirani madzi mu botolo.</p> <p>Wazani pansi pa masamba tsiku lililonse, masiku angapo kapena kamodzi pa sabata.</p>
<p>Nyerere ndi</p> 	<p>Dulani makoko a lalanje kuponya mmizere.</p> <p>Phimbani makoko 3-5 centimita m'nthaka</p> <p>KAPENA</p> <p>Kuwaza makoko kuzungulira malo omwe zimayambira</p> <p>KAPENA</p> <p>Yendetsani makoko kuchokera ku nthambi.</p>
<p>Tizilombo tofewa (nsabwe za m'amasamba, nthata, mealybugs)</p> 	<p>Sakanizani sipuni imodzi yodzadza ndi mafuta ophikila ndi sopo masipuni awiri mu botolo la lita imodzi yokhala ndi madzi.</p> <p>Khutchumulani bwinobwino ndikuika mo chopopela mbewu.</p> <p>Wazilani mbewu kuchokera kumwamba mpakana pansi kuti mufikile pamwamba ndi pansi pomwe.</p> <p>Ikaninso madzi ochuluka ngati mankhwalawa akuononga masamba.</p>
<p>Nthata ndi tizilombo tina</p> 	<p>Sakanizani mu lita imodzi yamadzi – ma sipuni awiri a tsabola wotentha, kapena tsabola wa kambudzi, KAPENA ginja.</p> <p>Onjezani ka sopo pang'ono ndikusakaniza bwino.</p> <p>Thirani mu botolo lopopera ndipo musunge usiku wonse.</p> <p>Ikani monga pamwambapa. Gwirani chidebe pafupipafupi mukamagwiritsa ntchito.</p>

<p>Mphemvu, NKhono, ndi tizirombo tina tofewa m'munda</p> 	<p>Ikani mowa pang'ono m'chidebe chosazama ndikuyika m'mundamo. NKhono zimakwawira mkati koma sizingatuluke.</p>
<p>Matenda a fungayi</p> 	<p>Sakanizani ma supuni atatu a soda mu lita imodzi ya madzi.</p> <p>Thirani mu chidebe chopopera ndikupopera madera omwe akhudzidwa.</p> <p>Bwerezani izi masiku angapo mpaka vuto litatha.</p> <p>Kuwaza sinamoni pa mbande zomwe zakhudzidwa ndi bowa lachinyontho.</p>
<p>Zipolopolo za mazira</p> 	<p>Ponyani zikhungwa za mazira.</p> <p>Awaze pamwamba pa nthaka mozungulira tsinde la zomera.</p>
<p>Nkhungu</p> 	<p>Sakanizani kuchuluka kwa madzi ndi mkaka.</p> <p>Ikani mu botolo lopopera ndikupopera pa tomato, nkhaka, letesi, ndi zomera zina kuti muteteze Nkhungu.</p> <p>Gwiritsani ntchito mankhwala ogula opopela mbewu ndikupopera mbewu zomwe zili ndi matenda. Chithandizo katatu pa sabata chitha kuwongolera matendawa.</p>
<p>Grubs</p> 	<p>Kwa udzu kapena minda yamaluwa, gwiritsani ntchito Mankhwala ovomerezeka omwe takuonetsani. Ma nkhwala awa adzadyetsa tizilombo tating'onoting'ono topindulitsa. Tizilombo tating'onoting'ono tomwe titha kuwongolera kuchuluka kwa ma grub. Maguluwa kwenikweni ndi mphutsi za kafadala. Choncho, mukapha zinyawu, mumapha kachilomboka.</p>

Dzenje Lachimbudzi



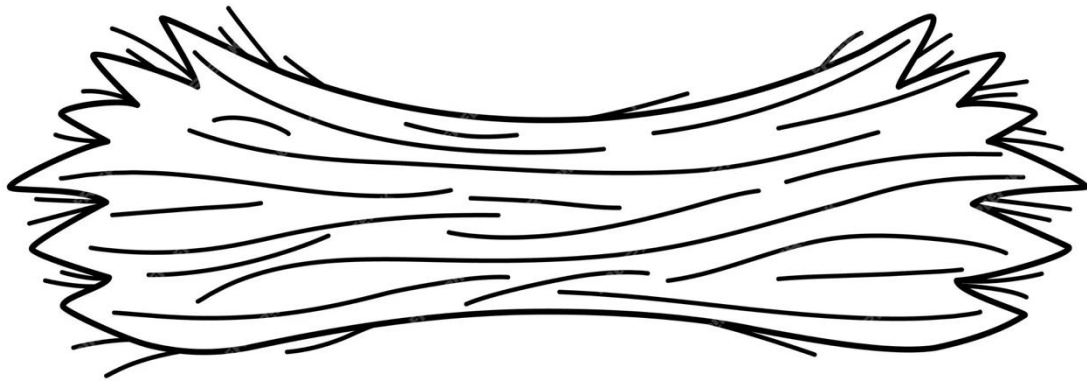
Manyowa a Ng'ombe



Masamba Akufa



Udzu Wakale wochokera ku



Zotsalira Zambewu Zakufa



Udzudzu



Phulusa lamoto



Phunziro 10: Kugwirira Ntchito Pamodzi Kulemekeza Mulungu

Kuphunzira Makadi Ambiri - Sindikizani tsamba limodzi latsamba lililonse - liduleni
kuti mupange makadi 10

Kulamulira Tizilombo

Kukonza Nthaka Yathu

Kusamalira ziweto

Kubala mbewu

Kuchepetsa Udzu

Kusungirako

Kupanga Manyowa
Achilengedwe

Matenda a Zomera Zam'deralo

(Kusankha Mbewu za
makono)

(Kusankha Mbewu za
makono)