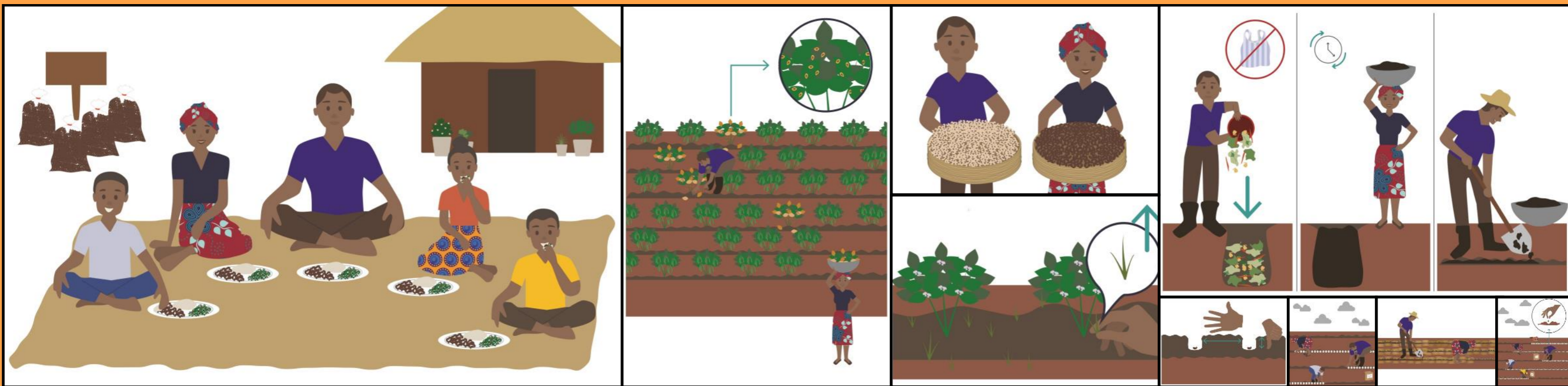




UBULIMI BWA ILAANDA

Icitabo caba kasaambilisha (Mulandunshi, Nikwisa, Cinshi, Niliilali kabili Musangonshi?)



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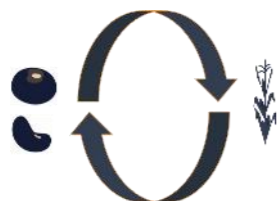
MULANDUSHI TULIMINA ILAANDA



Ilaanda



Mwaliba umulyo na ubumi



Lilafwilishako mukwalula kwambuto



Lilafwilisha ukfundika umushili



Mwakumwena ulupiya pa ng'anda

Mulandunshi tulimina ilaanda?



Umulimo waba bakasambilisha:

1) Lanshanyeni pamilandu ipeelwe

(Ilaanda tulalya, tulaliisha nefitekwa fyesu kabili lilafundika na umushili)

2) Lanshanyeni pa cikope

⊗ Ulupwa capamo

(Balakwata inshita yakulya icakulya kabili balya necakulya panshita imoine)

⊗ Ifyakulya fisuma

(Lyeni ifyakulya fyamitundu yalekana-lekana kabili ifyaba mumabumba yafyakulya imibili yesu ikabila)

⊗ Cintu cayanguka ukushitisha Ilaanda

(Umulimo ukalamba tulimina ilaanda kulya ngecakulya cafwilisha ukukula kwamibili yesu lelo ngamwalima ifingi, kuti mwashitishapo fimo nokumwenamo ulupiya)

3) Ipusheni ameepusho



Ubusuma bwa ilanda ya Ilanda

- ⊕ Mwaliba ifyakulya ifyo imibili yesu ikabila. Ilaanda lyawamina ukube icakulya cakukusha imibili yesu nokupakamisha imilile iisuma. Na mabula yelaanda musalu uupakamisha imibili yesu.
- ⊕ Amabula yelaanda tulayalisha kufitekwa.
- ⊕ Kuti lyalimwa nokukonkeshapo na ifilimwa fimbi mukutungilila umufundo wamumushili .
- ⊕ kuti lyalimwa mwibala limoline nefilimwa fimbi
- ⊕ kuti lyalimwa mukucingilila umushili
- ⊕ lifusha “nitrogen”, umwela upakamisha ukufunda kwamushili
- ⊕ kuti lyashitishiwa nokumwenamo ulupiya mumayanda yesu.
- ⊕ Lilakula bwangu .
- ⊕ Talikabila umufundo uwingi.
- ⊕ Lilakula bwino mucitungu ca Luapula.

Ipusheni abalimi pafyo baishiba pabulimi bwelaanda

Ukusala incende yakulimapo ilaanda

1



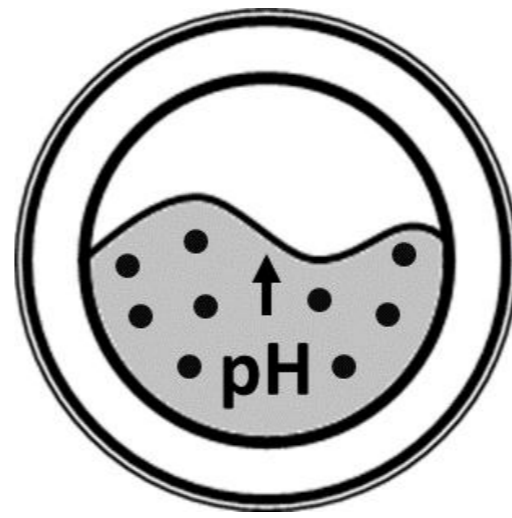
**Umushili Uushi-
katisha amenshi**

2



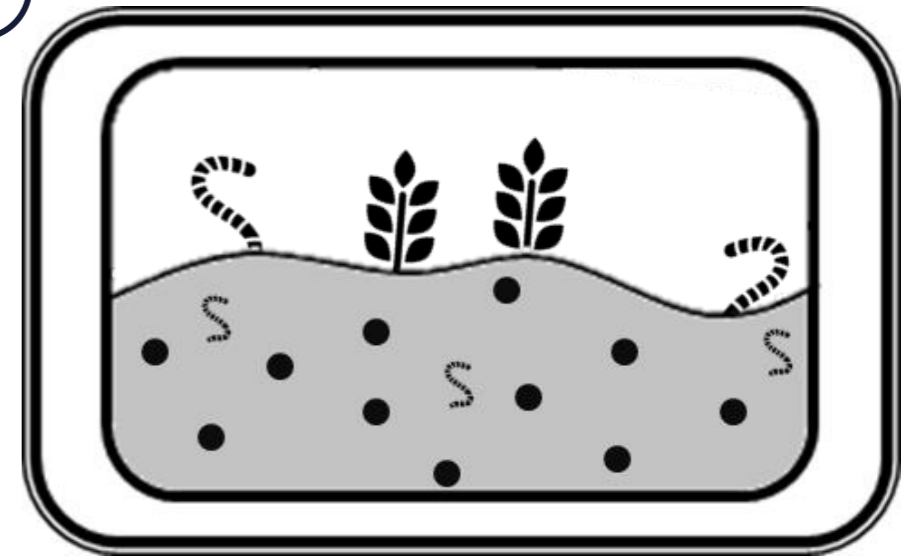
**Umushili
uwikata
Amenshi**

3



**PH range of
4.5 to 5**

4



Umushili Wabuumi

Ukusala incende yakulimapo ilaanda




Incende yawamina ukulimapo ilaanda:


- ⊕ Ikwate umushili uuwingisha bwangu ameenshi
- ⊕ Umushili uushilusa ameeshi bwangu
- ⊕ Umushili ube na “PH” ukufuma pali 4.5 ukufika pa 5
- ⊕ Ikwate umushili uusuma
- ⊕ ***Ipusheni ameepusho***





UMUSHIILI UUSUMA



 **Umufundo wacikaya**

 **Utushishi twamumushili**

 **Ifyabumi ifisangwa mumushili**

 **Ulubwe**

Ubunoshi bwa mushiili uusuma



Ukampula ubusomboshi



Upela ubucingo ubusuma kucilala



Ukucefya umufundo wacisungu nangu ukwabula umufundo



Ucefya utushishi twabonaushi na

Umushili uusuma



Umulimo wa bakasambilisha:

1) Landeni peshiwi “Umushili uusuma”

2) Lanshanyeni pacikope

⊗ Umufundo wacikaya

(Wawamina ukwikatanya umushili, ukusunga amenshi ne filyo fyafilimwa, na ukusungilila utushishi twamumushili)

⊗ Utushishi twamumushili

(Tulabwesha umufundo mumushili, tulapanga umufundo, tulapanga nefintu ifingi ifyafwilisha ifilimwa ukukula bwino)

⊗ Ulubwe

(Lubomba nga umufundo na ukukusha ifilimwa bwino bwino)

⊗ Ifyabumi fyamumushili

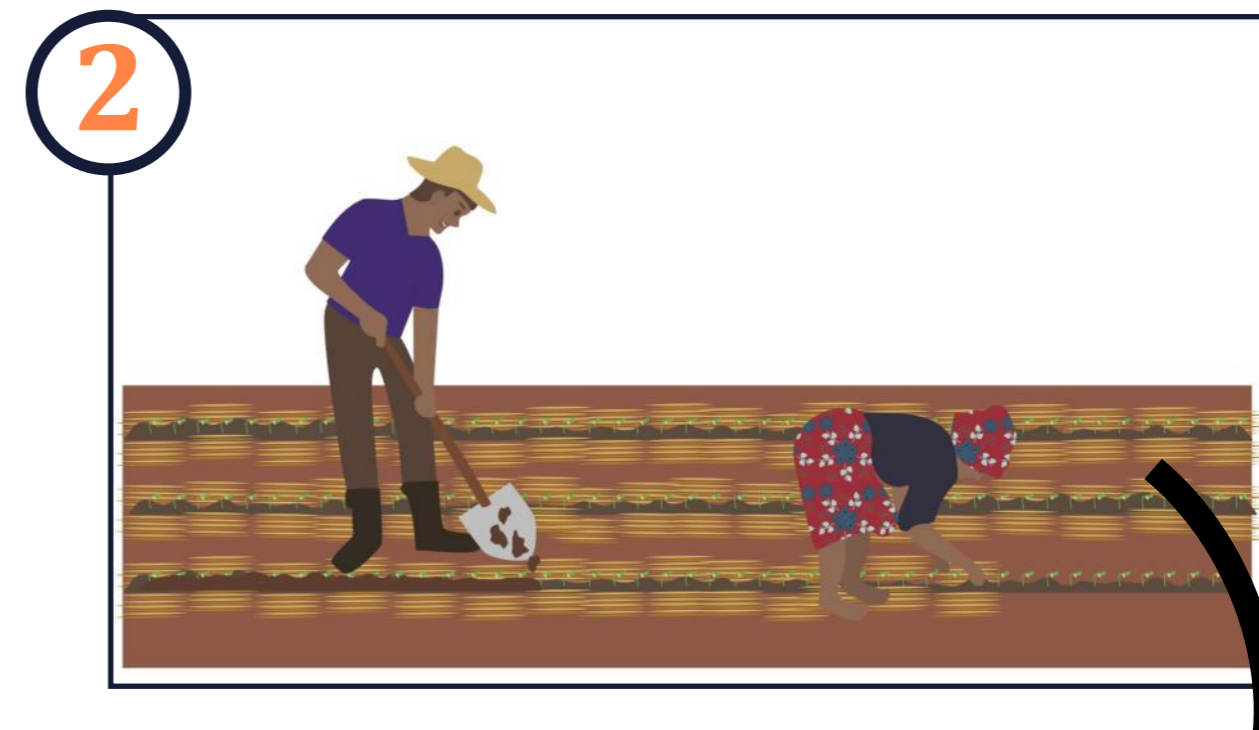
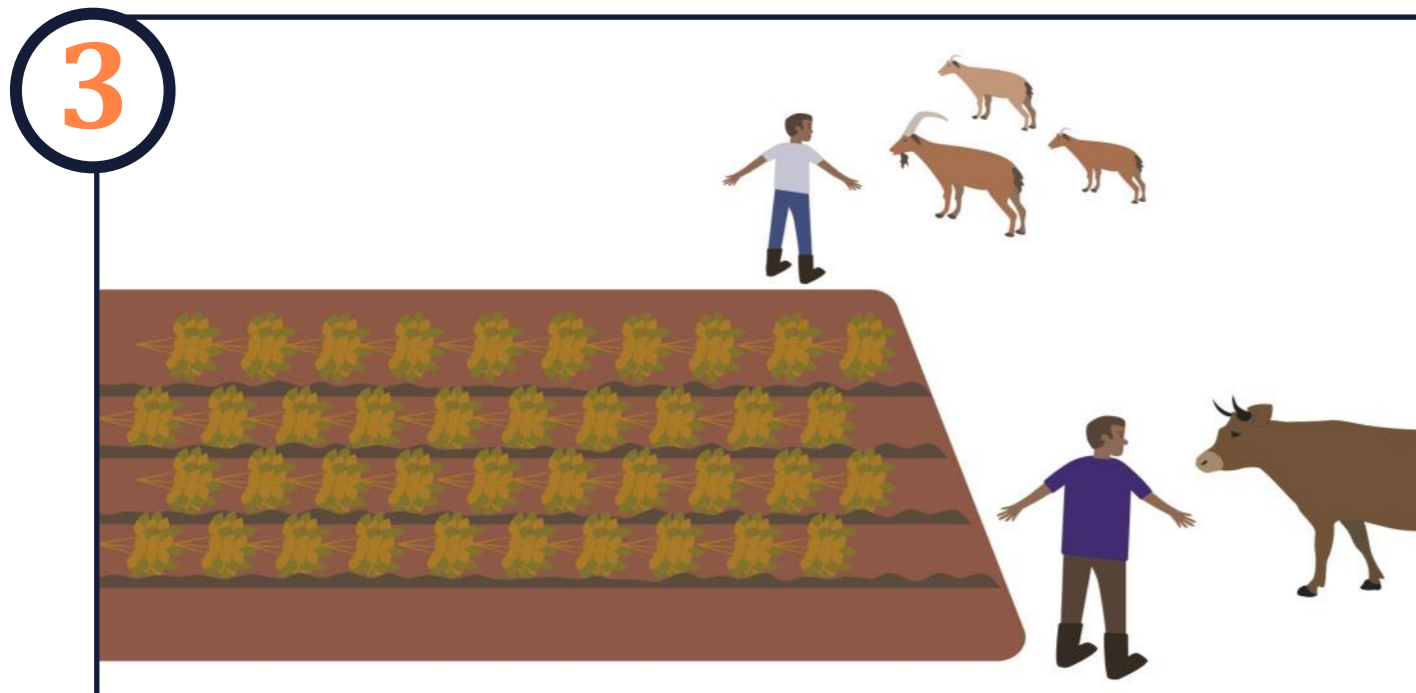
(Fibosha ifilundwa fyamiti na inama, mukubwesha umufundo mumushili nokuwalula mumusanago ifilimwa



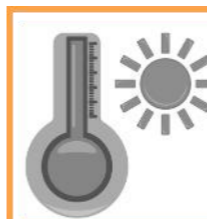
*Umushili uusuma

- ⊕ **Ukampula ubusomboshi pantu** usunga umufundo winewine uwafilimwa. Ifilimwa fikabila uyumufundo pakuti filekula bwino.
- ⊕ **Ucingilila ifilimwa kucilala** pantu ifishala mwibala panuma yabusomboshi (Umufundo wacikaya) fisunga ameshi panshtita ntali.
- ⊕ **Ukabila umufundo wacisungu unonofye pantu** fyonse ifishala kubusomboshi filaliwa notushishi na ukubolela mumushili umo umupangwa umufundo uukusha ifilimwa bwino.
- ⊕ **Ucefya utushishi twabonaushi na ubulwele** pantu utushishi twamumushili tucingilila umushili wesu kumiti iikali nokucinfya ubulwele bwafilimwa.

IFYO TUTUNGILILA UMUSHILI WESU UUSUMA



Ico tufimbila pamushili



Kunasha ukukaba pakuti umushili uleba uwaboomba.



Epakuti ameenshi yamfula yaleingila bwangu mumushili.



Kucefya inseku.

Ifyo tutungila umushili wesu uusuma



Umulimo wa bakasambilisha

1) Landeni Pafikope

1. Ifibolela mumushili efisanguka fundikila

(Mwilafumya ifibolela mwibala lyenu pakuti fibombe nga umufundo wafundikila.)

2. Fimbeni pamushili*

(Shikeni ifilindi nefishala mwibala panuma yabusomboshi nelyo ifyani atemwa amabula yamiti yipalemeko. Ici cifusha umutonshi mwibala nokucefya ukusendwa kwamushili.)

3. Muletalusha ifitekwa kumabala yenu

(Twaleni ifitekwa ukutali pakuti filalya mwibala lyenu. Pantu ifitekwa ngafyalalya mwibala ninshi umushili wenu kuti wakuba)

2) Langeni inshila ishingiri ishakufimbilamo pamushili

* Ico tufimbila pamushili

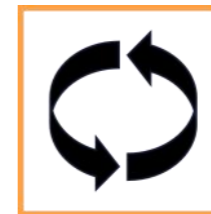
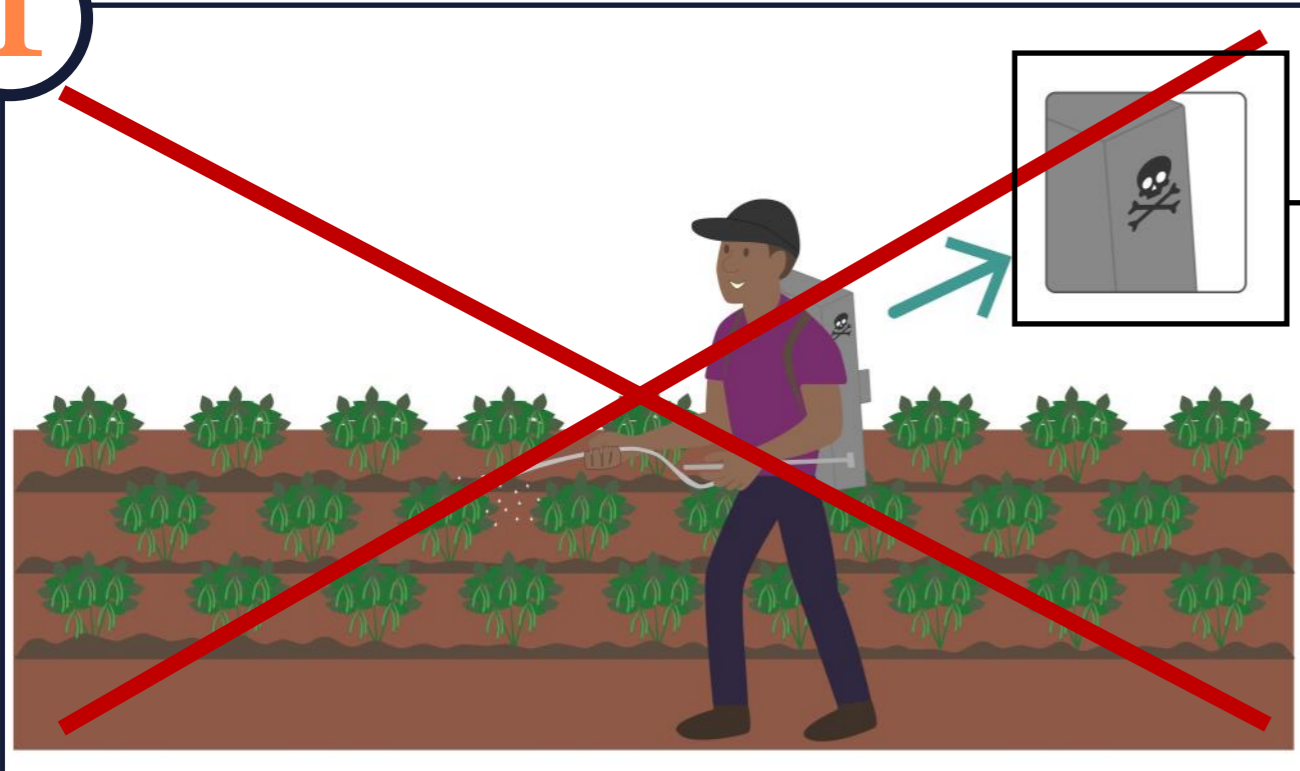
- ⊕ **Kunasha ukukaba kwamushili** pakuti utushishi tufule mumushili (Twaba utushishi twacepesha icakuti tatumoneka kumeenso.) Ututushishi tekuti tupusuke nga kwakabisha.
- ⊕ **Epakuti ameenshi yamfula** yaleingila mumushili panono panono pakukana onaula umushili uutungilila ukula bwino ukwafilimwa.
- ⊕ **Kucefya inseku.** Ifyani filacimfyanya nefilimwa mukubomfya kwamufundo wamumushili. Ifibolela mwibala fisanguka umumufundo.

IFYO TUSHILINGILE UKUCITA PAKUCINGILILA UMUSHILI

Icotushibomfeshesha umufundo wacingu



1



Amaka yamushili ya-lacepa

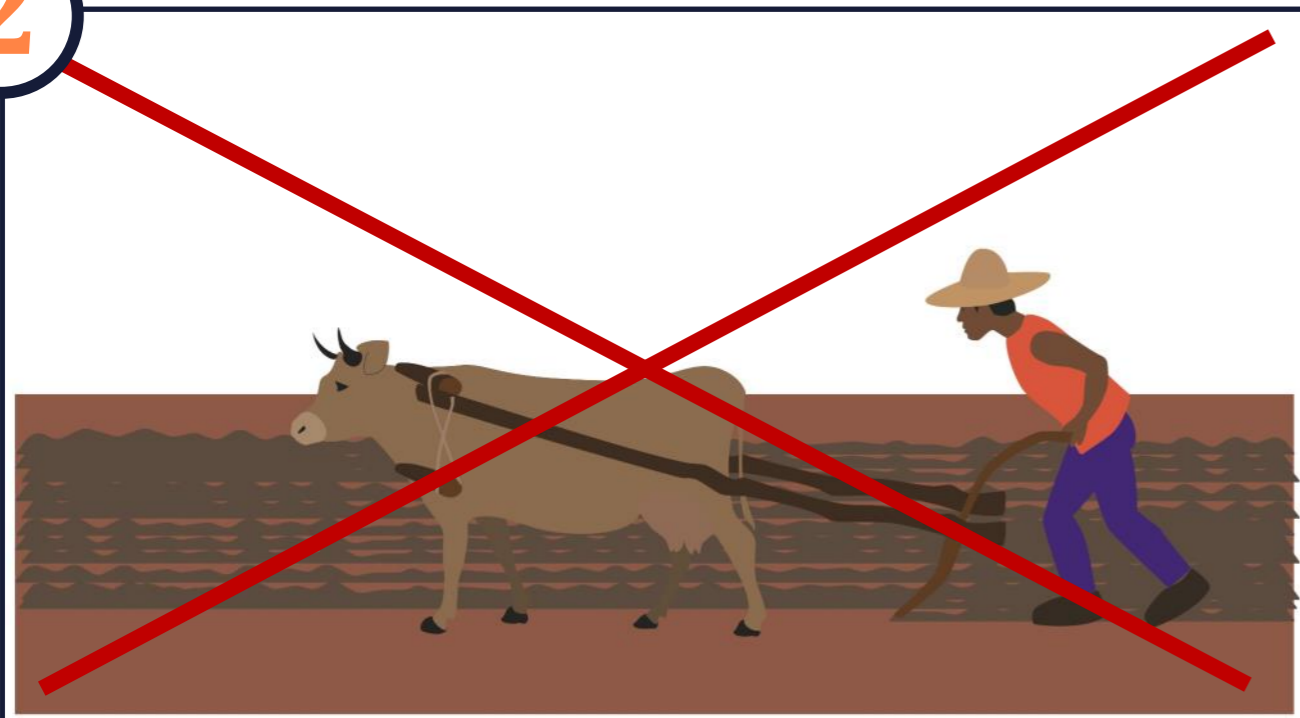


Ulupiya tubomfwa ku-bulimi lulacepa

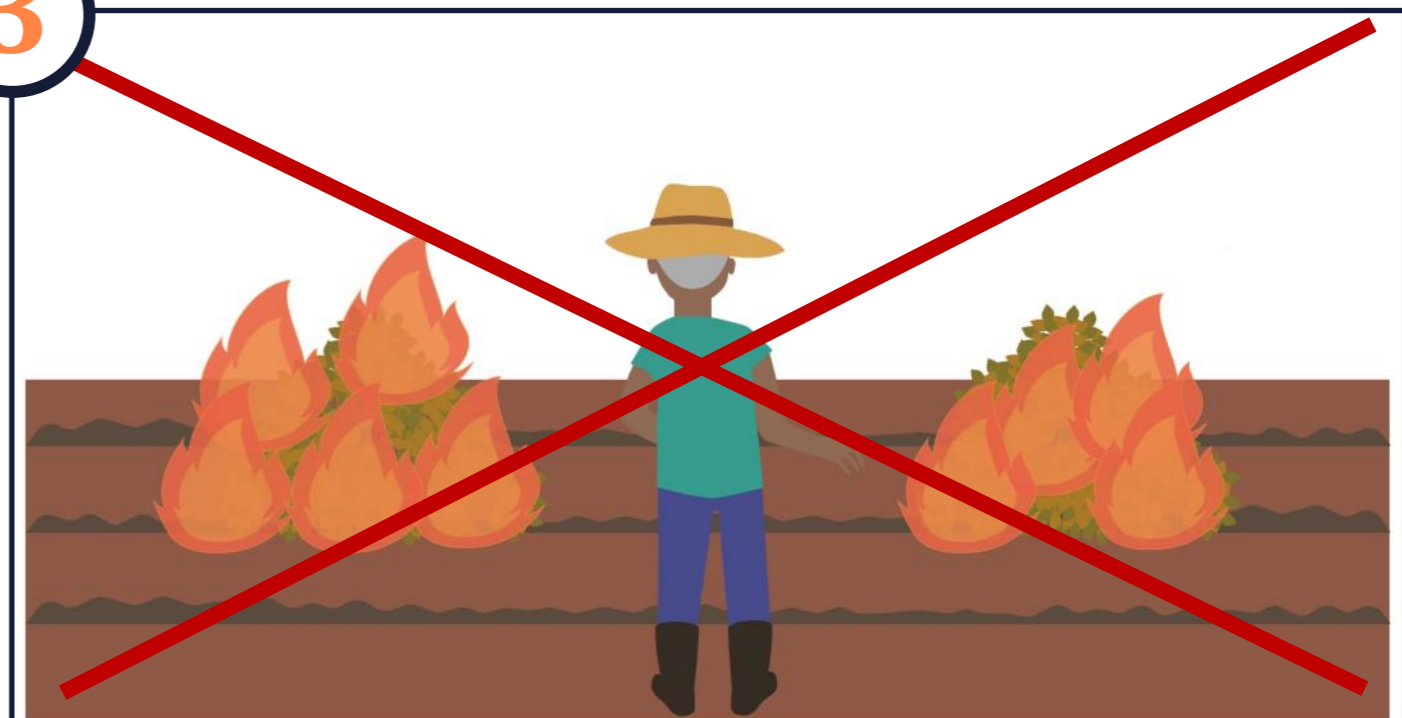


Umufundo wacisungu ulapeya utushishi twa-mumushili

2



3



Ifintu tushingile ukucita pakucingilila umushili wesu



Umulimo wa bakasambilisha

- 1) Konkomesheni ukuti apashililwe cilangililo cakuti “tatulinakuficita”
- 2) Lanshanyeni pafikope

1. Mulenasha ukubomfya umufundo wacisungu

(Mwilabomfya umuti uwingi ukubikapofye na umufundo wacisungu mwibala lyenu. Lelo bomfyeni umufundo wafundikila atemwa citindi nelyo amatotoli)

2. Mwilatipaula umushili

(Mwilalimaula umushili pantu ici cilenga umushili ukukaba saana, ukusendwa kwamufundo wamumushili na umwela elyo nokufwa kwatushishi twamumushili . Cawamishapo ukulima imputa shakwikalilila)

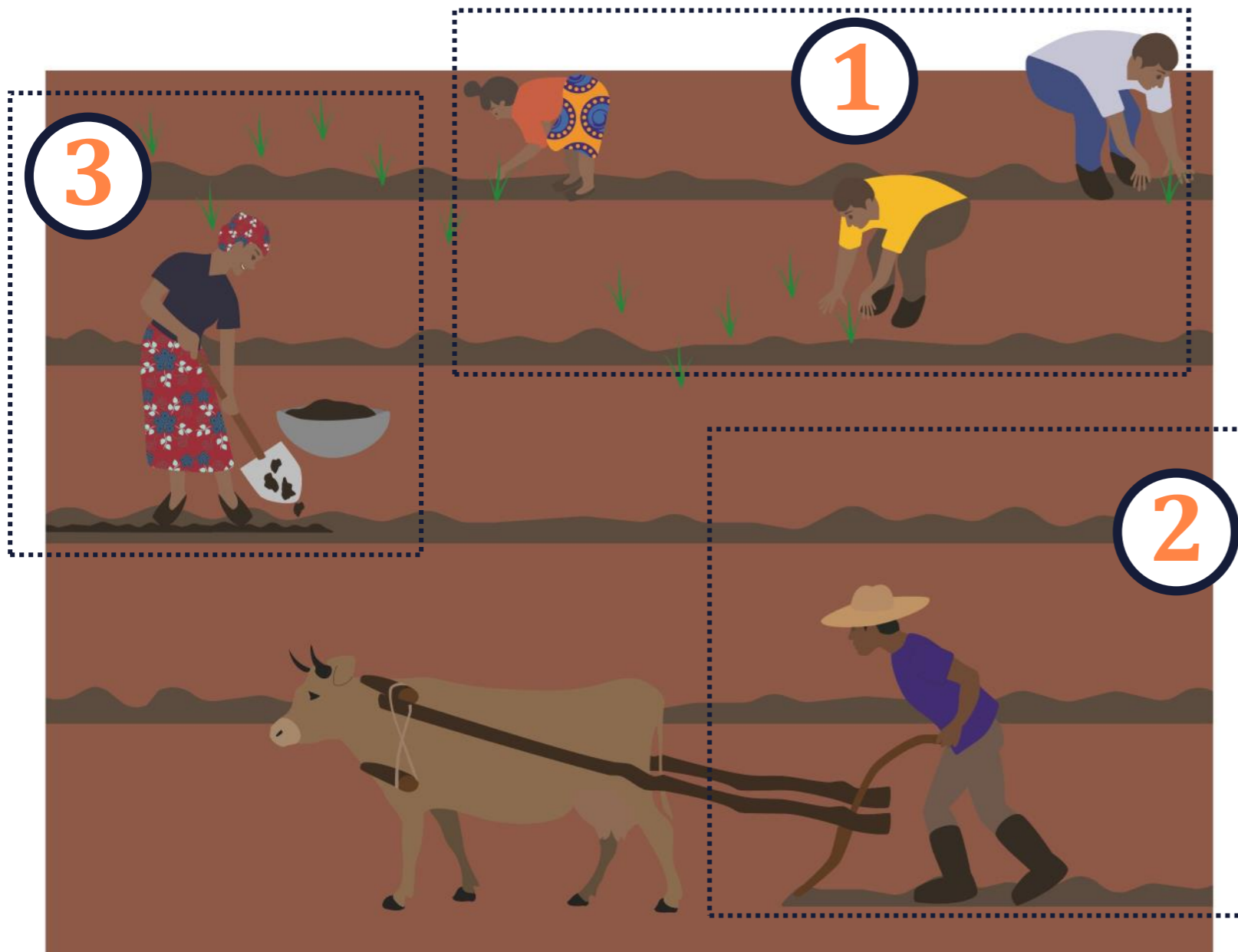
3. Mwilaoca ifishala mwibala

(Mwilaoca ifisooso fyamwibala pantu filapela ubucingo bwamushili kumwela, kukasuba nakukusendwa kwamushili. Kabili ukoca mwibala kwipaya utushishi utupela ubunonshi

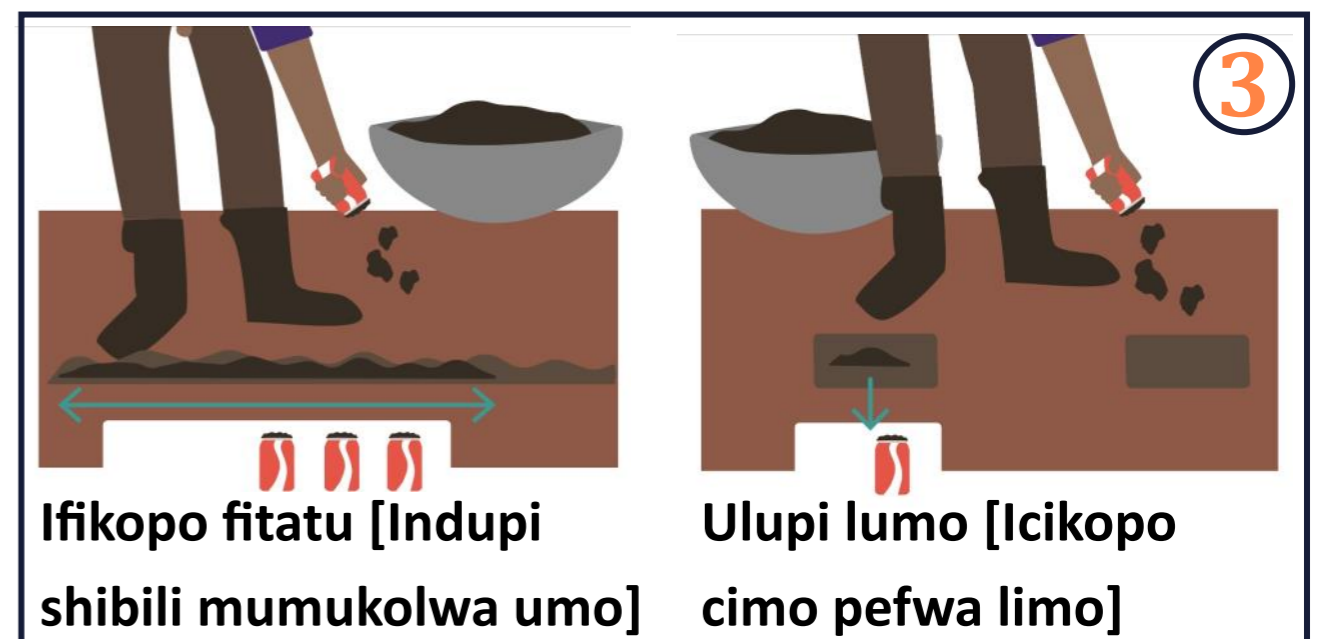
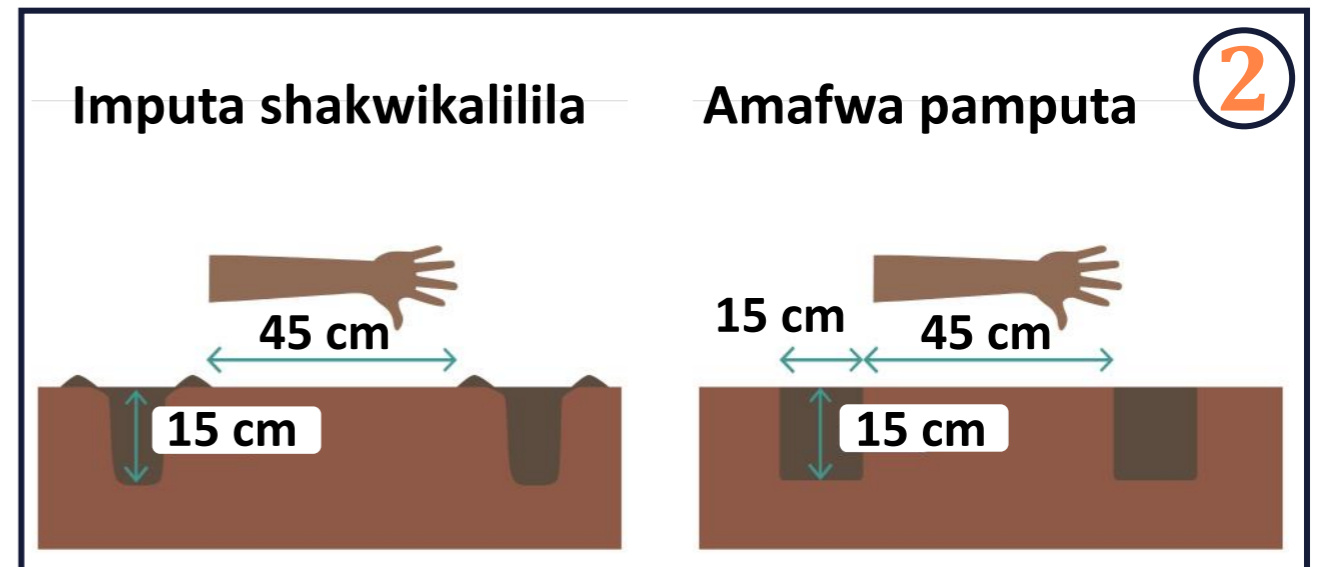
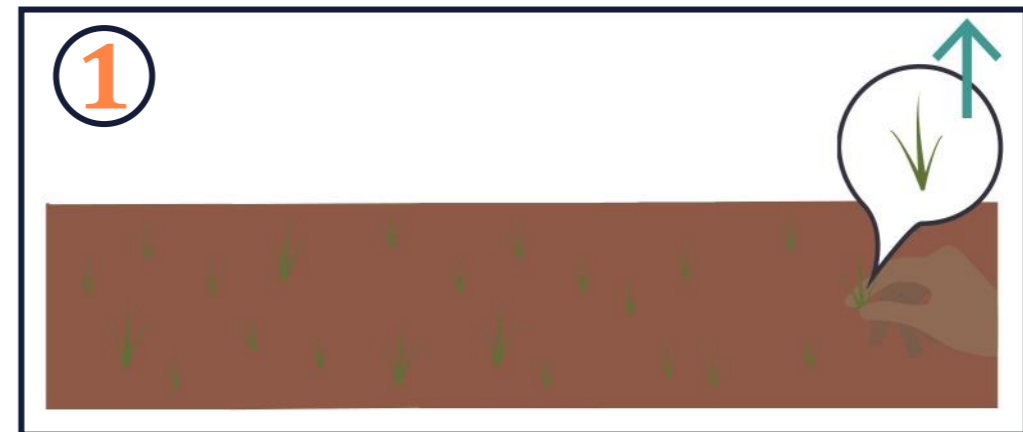
*Nishi tulinokucefasha ukubomfya kwamufundo wacisungu?

- ⊕ Ngacakuti umufundo wacisungu wabomfiwa panshita iyiitali ninshi umushili wakulakabila umufundo cilanshita pakutifye ifilimwa fikule bwino.
- ⊕ Umufundo wacisungu wamutengo nganshi pantu ulupiya tuposa mukushita umufundo kuti twalubomfya mukushitamo fimbi.
- ⊕ Ukubomfya umufundo wacisungu ukucila mucipimo kuti kwalenga ukufwa kwatushishi tupela ubunonshi kumushili wesu pakuti ifilimwa fikule bwino.

UKUPEKANYA KWANCENDE



Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec



Ukupekanya Kwacende



Umulimo wa bakasambilisha

1) Lanshanyeni pali kalenda

(Konkomesheni ukuti mulinokupekanya ibala panumafye yabusomboshi epakwa sombola bwino mubusomboshi bwakukonkeshapo. Ilanda likula ukufuma panshiku amakumi cine lubali [70 Days] ukufika napanshiku amakumi cine konse -konse [80Days]. Imikulile ya ilanda kuti yapusanako ukilingana nembuto kabili kuti alimwafye ukulingana nemilokele yamfula ku ncende mwabela.

2) Lanshanyeni pafikope

1. Ukusekwila ibala

(Fumyeni ifyani fyonse mumputa ilyo tamulabyalamo. Insenku shilacimfyanya nefilimwa mukupokelana umufundo wa mumushili. Insenku kuti shanukulwa kuminwe nelyo ukubomfya ulukasu)

2. Ukulima imputa shakwikalilila nelyo amafya pamputa

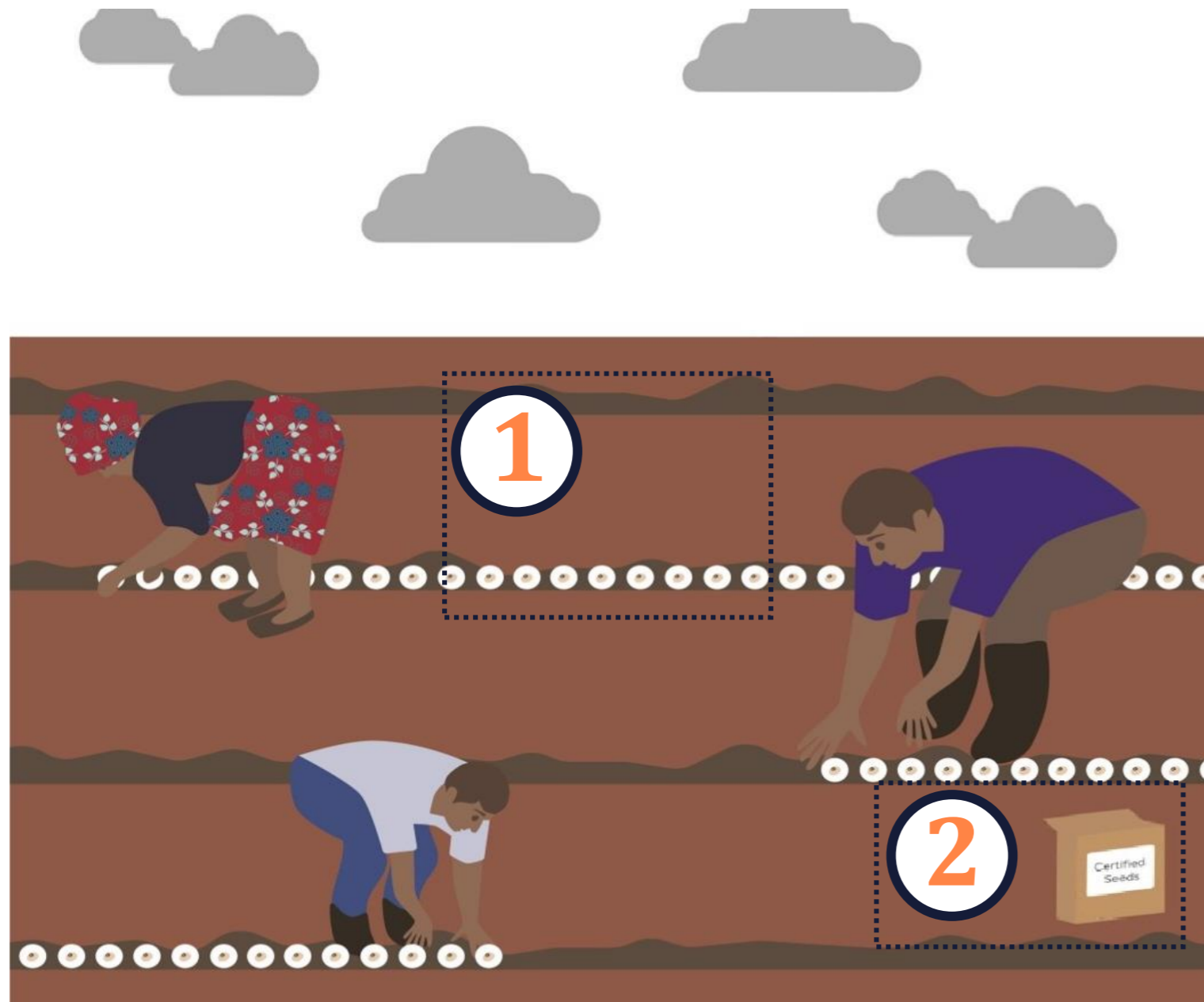
(Limeni imputa shakwikalilila nelyo amafwa pamputa shalimwakale. Amafwa yalinokushika basentimita amakumi yasano [15]. Imikolwa nasho shilifye bwino ukubyalamo ilanda.)



3. Ukubika umufundo wafundikila na citindi nelyo ifitoli

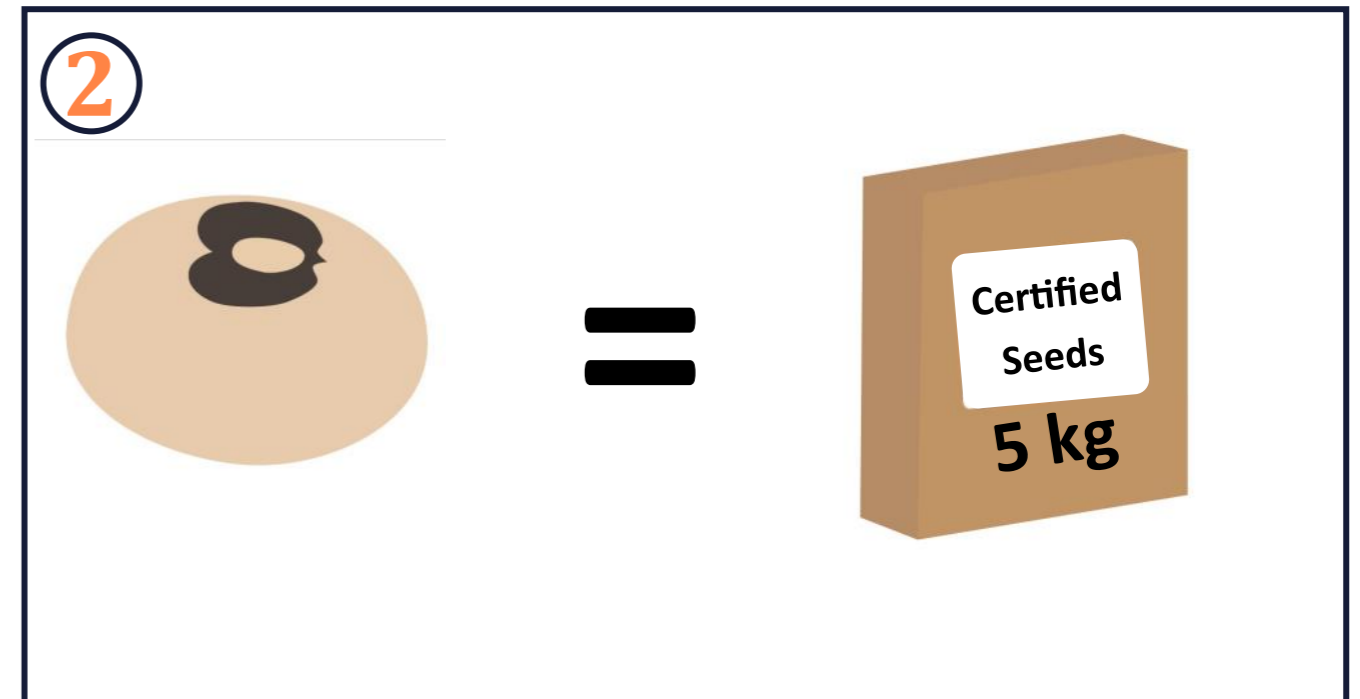
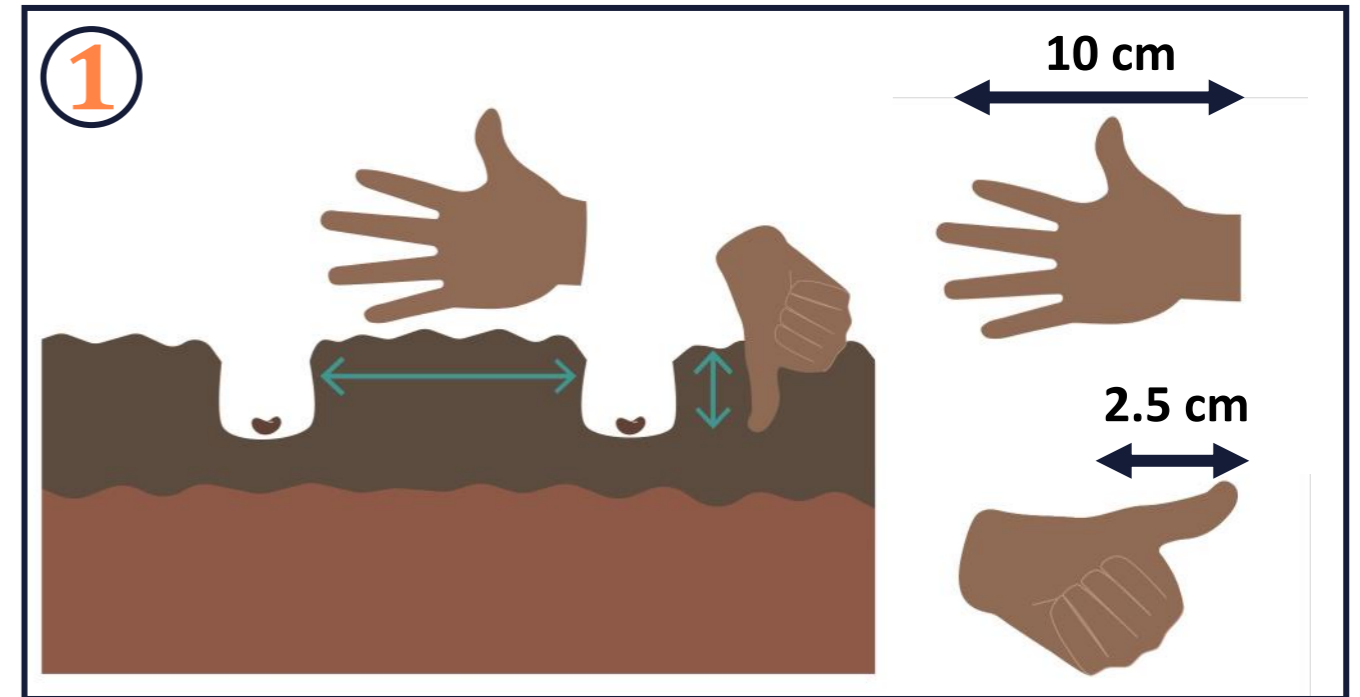
(Bikeni fundika Atemwa manyuwa mufilindi fyakubyalamo imbuto. Bikeni indupi shibili pacilindi cimo [**Icikopo capimwa cimo** nelyo indupi shitatu mumukolwa umo [**ifikopo fyapimwa fitattu pali mita umo**

3) Ipusheni ameepusho

UKUBYALA



Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
											



Ukubyala



Umulimo wa bakasaambilisha:

1) Landeni pali kalenda

(Mwilalima ilaanda mucende umwafula amenshi nelyo umubundilwa pantu amalwele kuti yafuililako. Ilaanda lilonauka kumenshi ayengi.

Ilaanda kuti lyabyalwa pashinta yamfula isuma mumainsa. Inshita yakubyalilapo ilaanda kuti yapusanako kabili kuti yakonkwa ukulingana nemilokele yamfula kuncende mwabela)

2) Lanshaanyeni pafikope

(Saleni imbuuto ishisuma ishabula ukupesa nelyo ishishafwiila)

1. Ukutalukanya

(Imbuuto shitalukane basentimita ukufuma pali basano ukufika nakwikumi limo nabasano [5-15 cm] kabili shibyalwe mumafwa ayashika pali basentimita babili nacicika [2.5cm], Uluseke lumo pefwa limo ngacakuti mwabomfya imbuuto shasuminishiwa. Ukutalukanya kwambuto kuti kwayana nemibele yambuto mwabomfya.

2. Imbuuto

(**Byaleni** imbuuto ishasuminishiwa, lumo pefwa limo. Bomfweni imbuuto ishifine **amakilo yasano muli** lima umo [5 kg per Lima.]

3) Icilangililo

(Lanshanyeni nabalimi pafyo bengatemwa ukushika noku talukaana kwamafwa. Cilamulimi embe amafwa yatatu ayakubyalamo ilaanda)

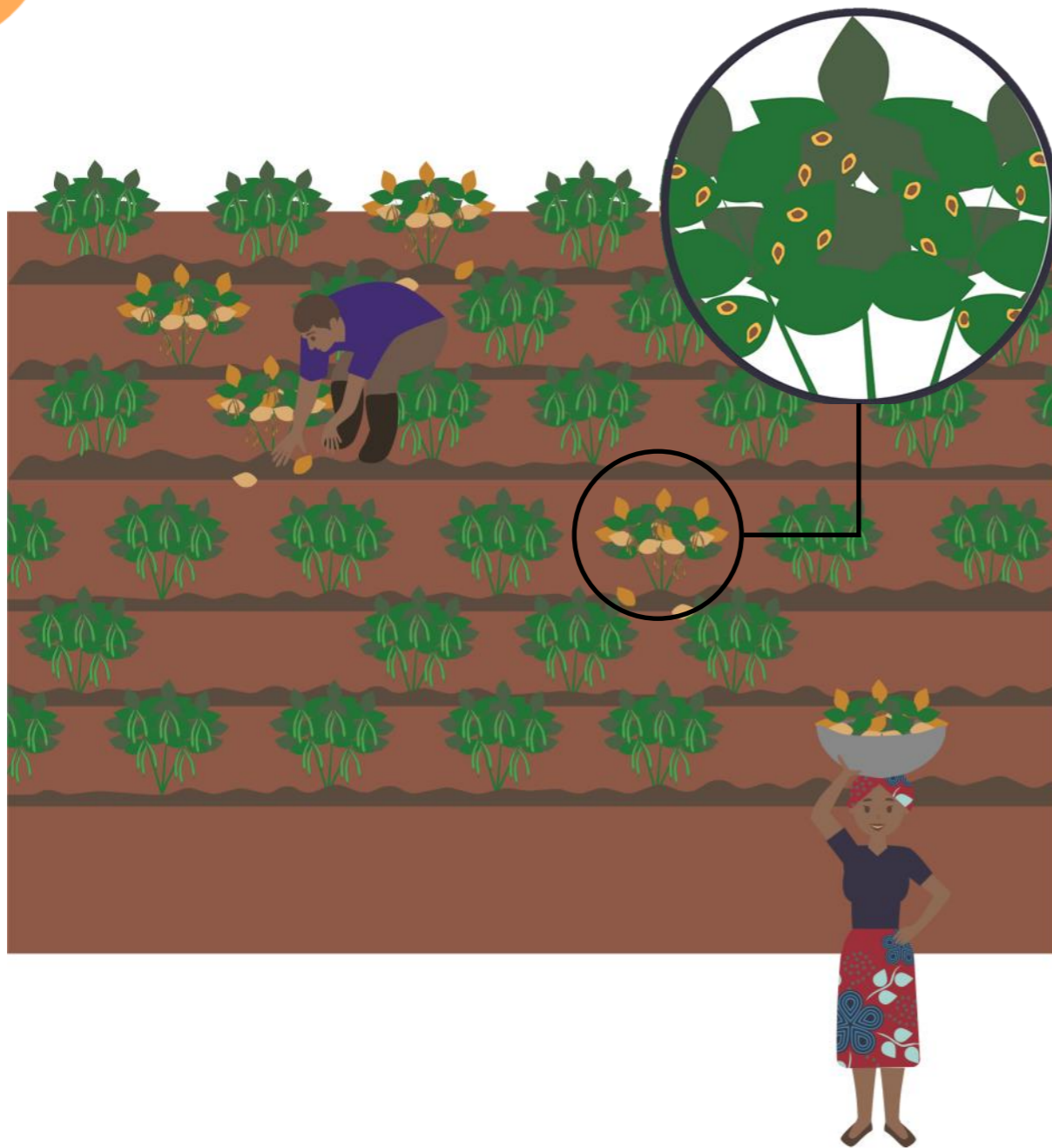
4) Ipusheni ameepusho



Ukulima ifilimwa mumomwine

- ⊕ Ilaanda ngecilimwa candalila umushili kuti calimwa pamo namataaba, amasaka nelyo amale.
- ⊕ Ukulima ilaanda pamo nefilimwa fimbi kusungilila umushili na umutoshi uwingafwilishako amataba, amasaka nelyo amale.
- ⊕ Ngamwalima pamo na ifilimwa fimbi, byaleni ilaanda panuma ya imilingu yine [4 weeks] ukufika nakumilungu mutaanda [6 weeks] ukufuma apomwabyalile amataba, amale nelyo amasaka na ukutalukana basentimita amakumi yabili [20 cm].
- ⊕ Twilalima Ilaanda lyambuto mumomwine namataba.

IFYAKUCIMFYA UTUSHI, UBULWELE NA INSEKU



Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0	0	0									0

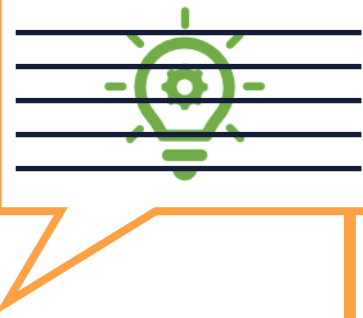
1

Panuma yakubyalala	Umulungu wabumo	Umulungu wabubili	Umulungu wabutatu	Umulungu wabune	Umulungu wabusano	Umulungu walengamutanda
Ukusekwila kwakubalilapo		0				
Ukusekwila kwabubili				0	0	

2

After Planting	Check
Week 1	
Week 2	
Week 3	0
Week 4	0
Week 5	0
Week 6	0
Week 7	0
Week 8	0
Week 9	0

Ifyakucimfya utushishi, Ubulwele na Inseku.



Umulimo wa bakasaambilisha:

1) Lanshanyeni pali kalenda

(Mulemwenenena ifilimwa inshitafye yonse nokushininkisha ukuti filekula bwino. Nukuleni ifilimwa fyabulwele mukwangufyanya.)

2) Lanshanyeni pafikope

(Ifilimwa fyabulwele kuti fyaishibikwa munshila ishingi– Maka-maka kumabula na iminkonti)

1. Ukusekwila

(Mulesekwila ibala lyenu cilanshita. Panshita yakubalula kwelanda, bomfyeni iminwe pakusekwila ukucila ulukasu pantu lulakunta iluba. Ukucimfya insenku kucefya ukucimfyanya kwa filimwa nenseku mukupokelana umufundo, amenshi nolubuto lwakasuba.)

2. Ifilimwa fyabulwele nefyatebelelwa

(Panuma yakumena, panshita yakubalula, panshita yakutungwa kabili namucilala enshita ilaanda litebelelwa notushishi twabonaushi. Nukuleni ifilimwa fyabulwele bwangu-bwangu. Fishikeni ukutali nebala. Ngamwafisunga mupepi nebala nelyo mufishike kuti fyalwalika ifilimwa fimbi ifyabumi)

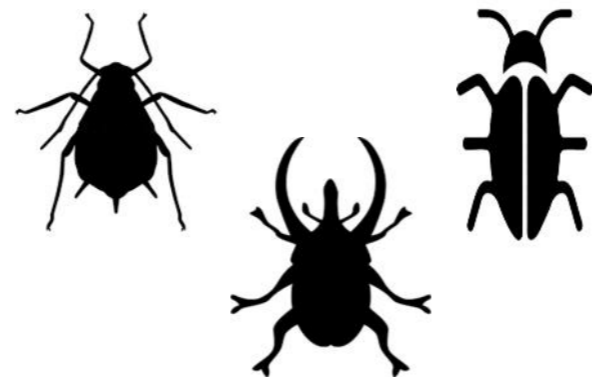
3) Ipusheni ameepusho

IFYAKWISHIBA NAUKUCIMFYA UBULWEELE NA UTUSHISHI TWABONAUSHI

Utushishi twabonaushi utwaseka

Ilaanda walwito saana kutushishi. Utushishi tubako ilyo ilanda alekula:

1. Utushi twa kumabula
2. Utushi tulya ifipapa
3. Utushishishi twitwa “Blister beetle”
4. Utushishi tupesa ilanda



Ukwalula kwambuto, Ukulima ifilimwa fyalekana mupepi-pepi, Ukulima ifilimwa fyalekana lekana mumomwine na ukusekwila cilanshita enshila mwingacimfishamo utushishi twabonaushi.

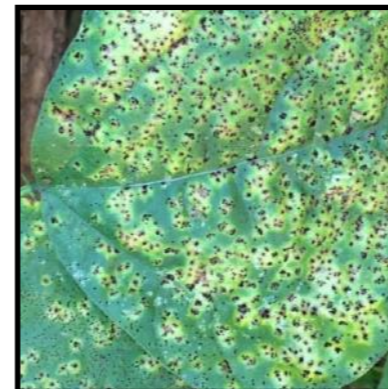
Inshila imbi kubomfya imiti yampanga pamo ngeyi:

- ⊕ Icimuti ca “Tephrosia”
- ⊕ Impilipili shakutwa
- ⊕ Fwaka wansunko
- ⊕ Moringa wamenshi nelyo uwakushina
- ⊕ Garlic watwiwa
- ⊕ Icimuti ca “Neem/Eucalyptus”

Ifishibilo fyabulwele kufilimwa



Ukubalauka kwamabula: Amabula yalabalauka kabili nga yakokola



Indalawa: Amabula yamoneka ngayauma pamulu napesamba, kuminkonti nakufipapa.



Amabula yacenwa: Amabula yakwata ifilonda fyameenshi meenshi. Ukulikwa Kumoneka nga

Ukubola kwa minkonti: Lyonse kucitika mucende mwafulisha

Ifyakwishiba na ukucimfya Ubulweele na utushishi twabonaushi



Umulimo wa bakasaambilisha:

1) Lanshanyeni patushishi twabonaushi twaseeka

(Ipusheni patushishi twaleekana-leekana nafintu abalimi baishibapo. Londololeni ukuti abalimi balina ukumwenenena ifilimwa fyabo cilanshita. Utushishi twabonaushi kuti twaisatebelelela ilanda panshitafye yonse nombamba inshita yashupisha nipanuma yakubyala, **mupepi nokubalula elyo namucilala**. Londololeni ukuti cikankala ukucimfya utushishi mukubomfya umuti umo atemwa ibili.– Umuti uwingi uubomfiwa usankanishiwa nameesnhi. Lanshanyeni nabakangalila wa bulimi [Camp Officer] pamisangwile yamuti.)

2) Ipusheni abalimi ifyo bacimfya utushishi ukwabula ukubomfya umuti

3) Lanshanyeni pabulweele bwaseeka kufilimwa

(Ifilimwa fyabulweele kuti fyaishibikwa munshila ishingi– Maka-maka kumabula na iminkonti). Lanshanyeni palicila cikope, landeni ubupusano bwamalweele yamisango -namisango)

Ifilimwa fyabulwele

Nukuleni Ifilimwa fyabulwele bwangu-bwangu. Fishikeni ukutali nebala. Ngamwafisunga mupepi nebala nelyo mufishike kuti fyalwalika ifilimwa fimbi ifyabumi)

UKUSOMBOLA NEFYAKUCITA PANUMA YAKUSOMBOLA



Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

2

Fumyeniko

**Ifilimwa
fyabulwele**

Amabula

Imisambo

Ifikapa



Ukusombola nefyakucita panuma yakusombola



Umulimo wa bakasaambilisha:

1) Lanshanyeni pali kalenda

(Ubusomboshi kuti bwabakofye ilyo ifipapa fyapililika - **Ifipapa ngafyakashikila elyo namabula yalokota.**

Ubusomboshi bwacibili nangula citatu kuti bwabako ilyo tatulasombola ilaandailyapililika nangula ilyauma. Mwishula ifimuti fye laanda iyoo pantu mumishila yaliko emusangwa umufundo wakukusha bwino ifilimwa ukulinganafye no mufundo wacingu [Urea]. Ukusha imishila yelaanda mumushili kulafwilishako ukukana posa ulupiya ulwingi kumufundo wafilimwa fyakukonkeshapo.)

Ukusombola ilaanda mukucelwa kuti kwafusha utushishi twabonaushi mwibala.

2) Lanshanyeni pafikope

Ukusobolola

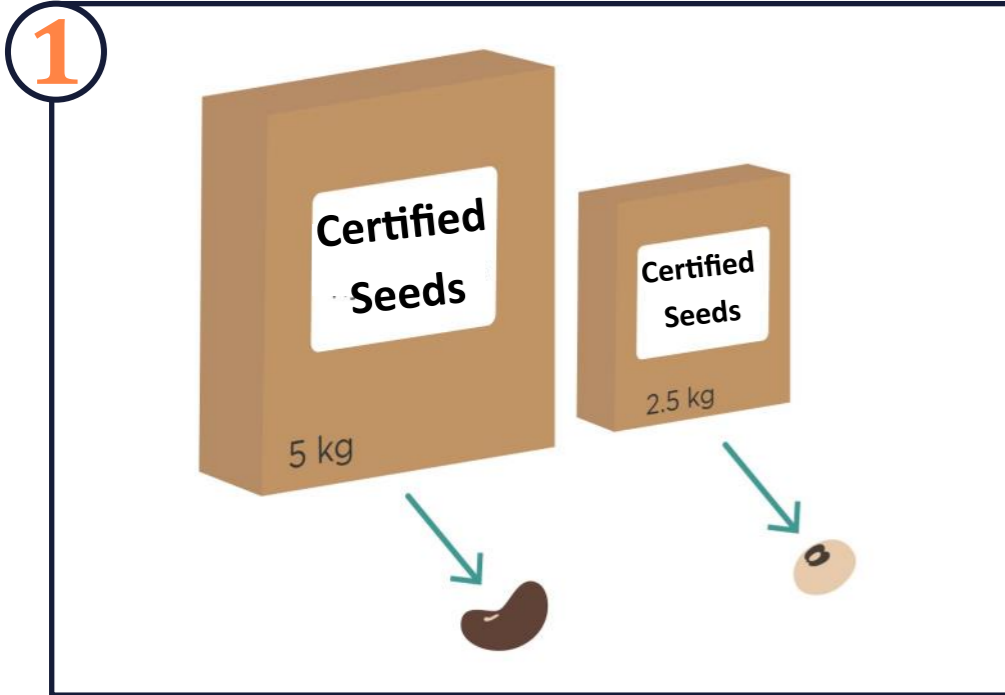
Bomfweni iminwe nelyo ulunyungo, mukusobolola nokupatula ilaanda lisuma kabili ilyabusaka. Fumyeni ifiko fyonse kwilaanda pamo ngemisambo, amabula, imbuto shapeswa nelyo ifikapa.

Ukupetula

Petuleni ilaanda nolupe mukufumyako ifikapa nelyo ifiko fyonse.

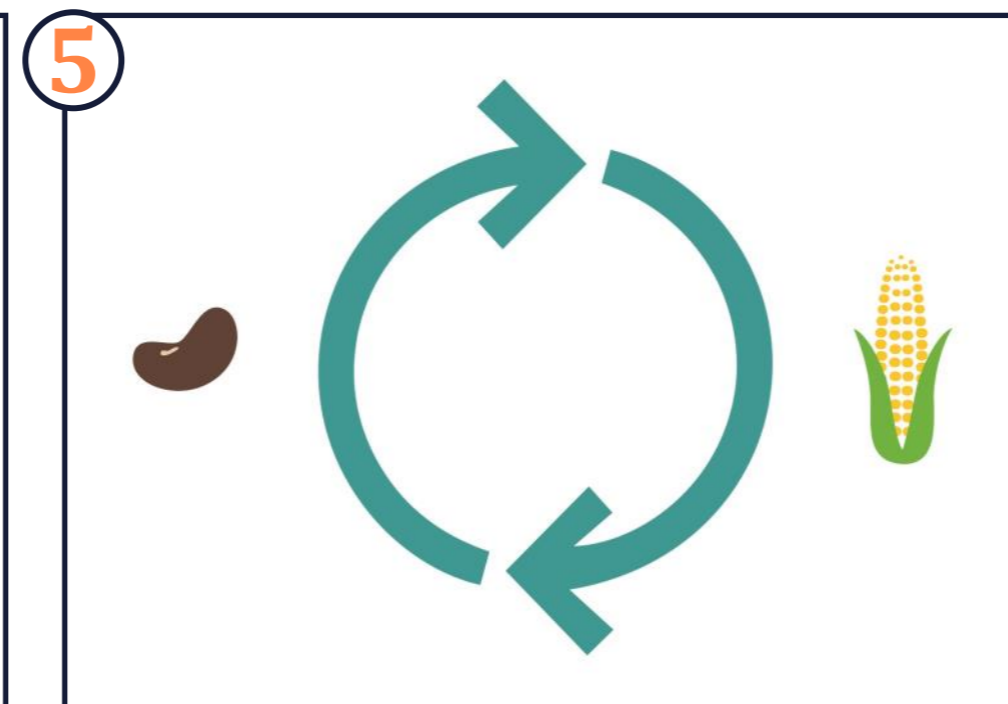
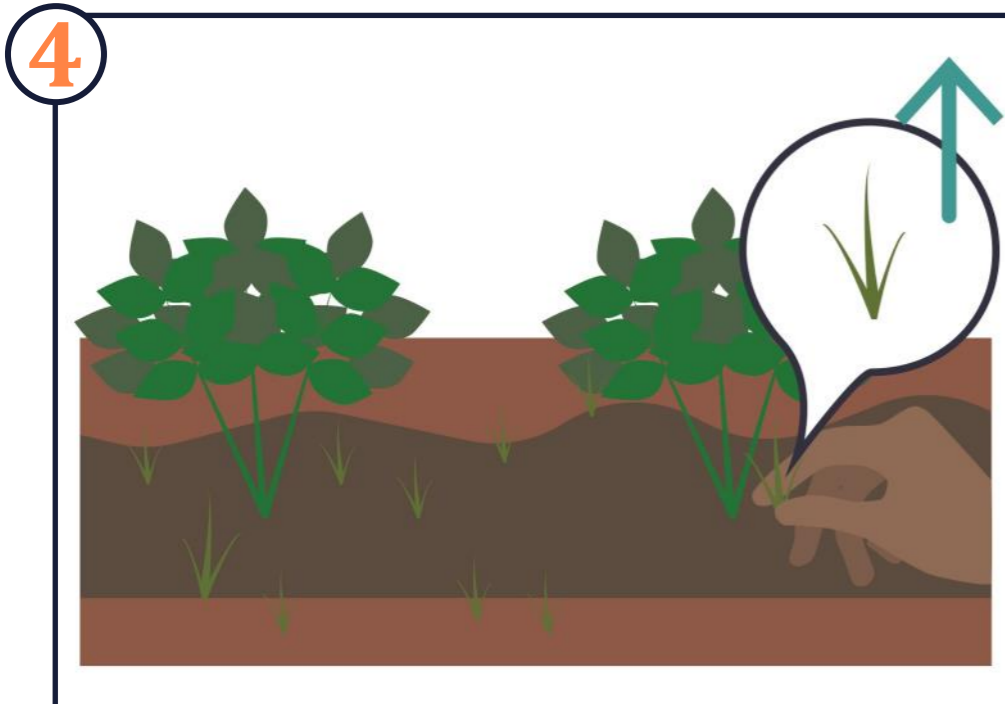
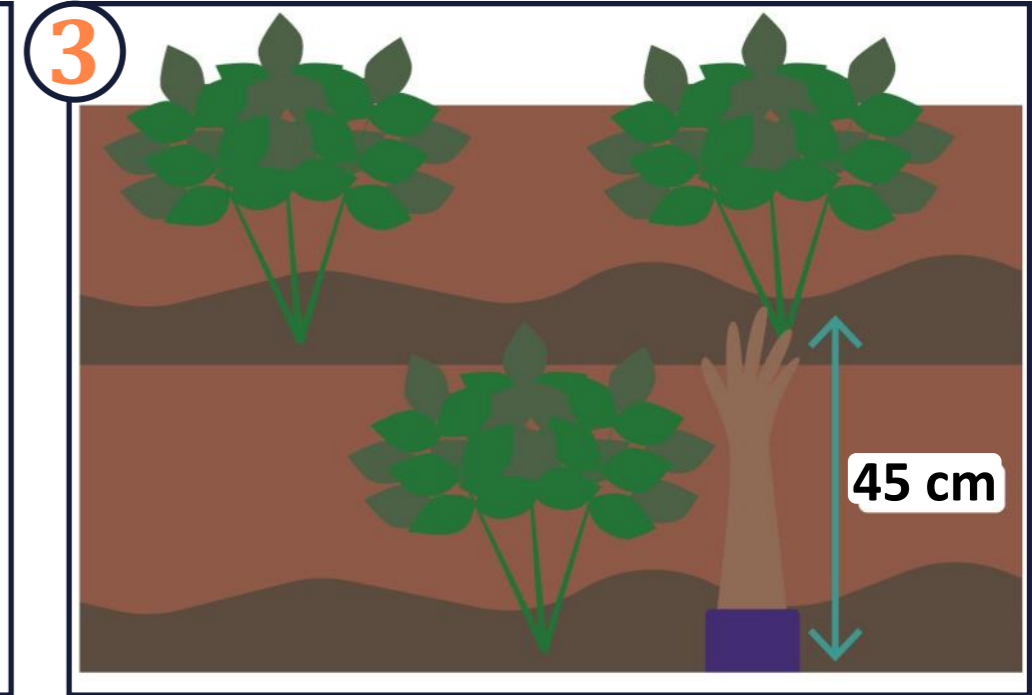
4) *Ipusheni ameepusho*

IFYAKUKONKA PAKUKAMPULA UBUSOMBOSHI



2

Jul	Aug	Sep	Oct	Nov	Dec
					Q
Jan	Feb	Mar	Apr	May	Jun
Q					



IFYAKUKONKA PAKUKAMPULA UBUSOMBOSHI



Umulimo wa bakasambilisha

1) Landeni pafikope

1. Byaleni imbuto ishasuminishiwa. Imbuto shasuminishiwa shilakula bwino nokuba ishafumaluka pantu shalipimwa na ubuteko.
2. Byaleni llanda mukabengele kanono [January] na akabengele kakalamba [February]. Inshita yakubyalilapo kuti yapusana lelo kulingana na ishita imfula yishilapo kuncende mwabela.
3. Byaleni imbuto sha ilanda mumi laini nokutalukanya ba sentimita amamakumi mutanda [60 cm] ukufika kumakumi cine lubalu nayasano [75cm]. Kabili sheniko basentimita ikumi limo pakati kamilaini [10 cm].
4. Mulesekwila amabala yenu pantu ifyani filacinfyanya nefilimwa fyesu mumikulile.
5. Panuma yakusombola llanda wa mbereshi, byalenimo ifilimwa fimbi, (pamo nga amataaba nelyo ifyumbu). llanda alalundulula umufundo wamushili uyo abalimi babika mumushili ukupitila mumufundo wacisungu (Urea). Neci kuti capela ubunoshi kumataba ngacakuti eyalimwamo mumwaka wakukonkeshapo.
6. Pakukampula ubusomboshi, lyonse salenieni imbuto sha llanda umusuma eshakwisabyala mumwaka wakukonkeshapo. Kuti mwabyalulula ishimbuto pamyakafye itatu.

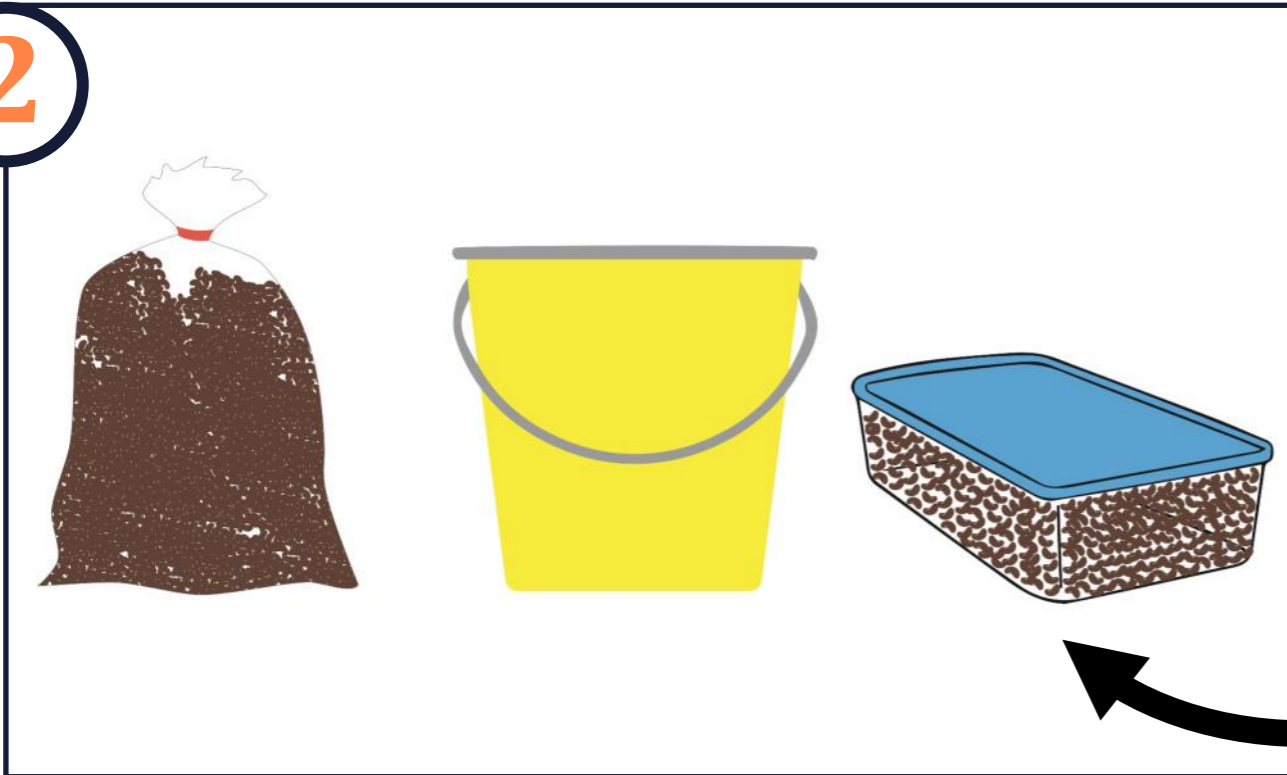
2) *Ipusheni ameepusho.*

UKUSUNGA ILAANDA

1



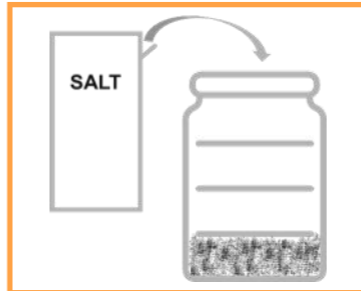
2



Bushe llanda nauma ukufikapo?: kwesha na umucele



Buleni imbeketi iyabusaka, umucele na imbuto shimo isha llanda wauma



Bikeni umucele ukufika palicitika wambeketi.



Bikeni imbuto shallanda ukufika pakati kambeketi. (up to half)



Cilikeni kanwa kambeketi elyo muusunkanye kabili muleke itushe pali baminiti ikumi-limo



Moneni ukuti umucele taukakatile kumbali yambeketi

UKUSUNGA ILAANDA



Umulimo wa bakasambilisha

1) Konkomesheni pabunoshi bwakutanshi

Imbutu sha Ilanda wauma kuti shasungwa ukufika kumyenshi cine konse-konse [8 months]. Amabula yallanda nayo yalasungwa bwino ilyo mwabikamo ameshi yamucele elyo mwaumika nokubika uyu musalu mumbeketi nangu mucikopo umushilepita umwela pakuti mwaisalyako uyumusalu no lupwalwenu mulusuba ico umusalu ulacepelwa.

2) Lanshanyeni pafikope

1. Ilaanda Iyauma

(Panuma yakusobola Ilanda kumisungu, mumikeni mucintelelwe ukucila mukasuba - Ukumika imbutu mukasuba kulakusha icilaka cakonka kwamutoshi neci cilenga ukufufuma kwambuto nokuliwa bwangu kutushishi ilyo mwatutula kubutala. Mulewamyia imbutu cilanshita , mulepukutako ulukungu elyo nokufumyako ifiko fimbi. Mulebomfya umucele mukwasha ngacakuti Ilanda nauma ukufikapo.

2. Sungeni imbutu mucipe icishipisha mwela

(Sungeni Ilanda apasansuka mumbeketi yauma kabili iyabusaka. Kuti mwasunga Ilanda mucipe iciliconse icishipisha mwela pamo nga icikopo, , imbeketi, imbukuli nelyo “Plastic bag”.)

3) Ipusheni ameepusho



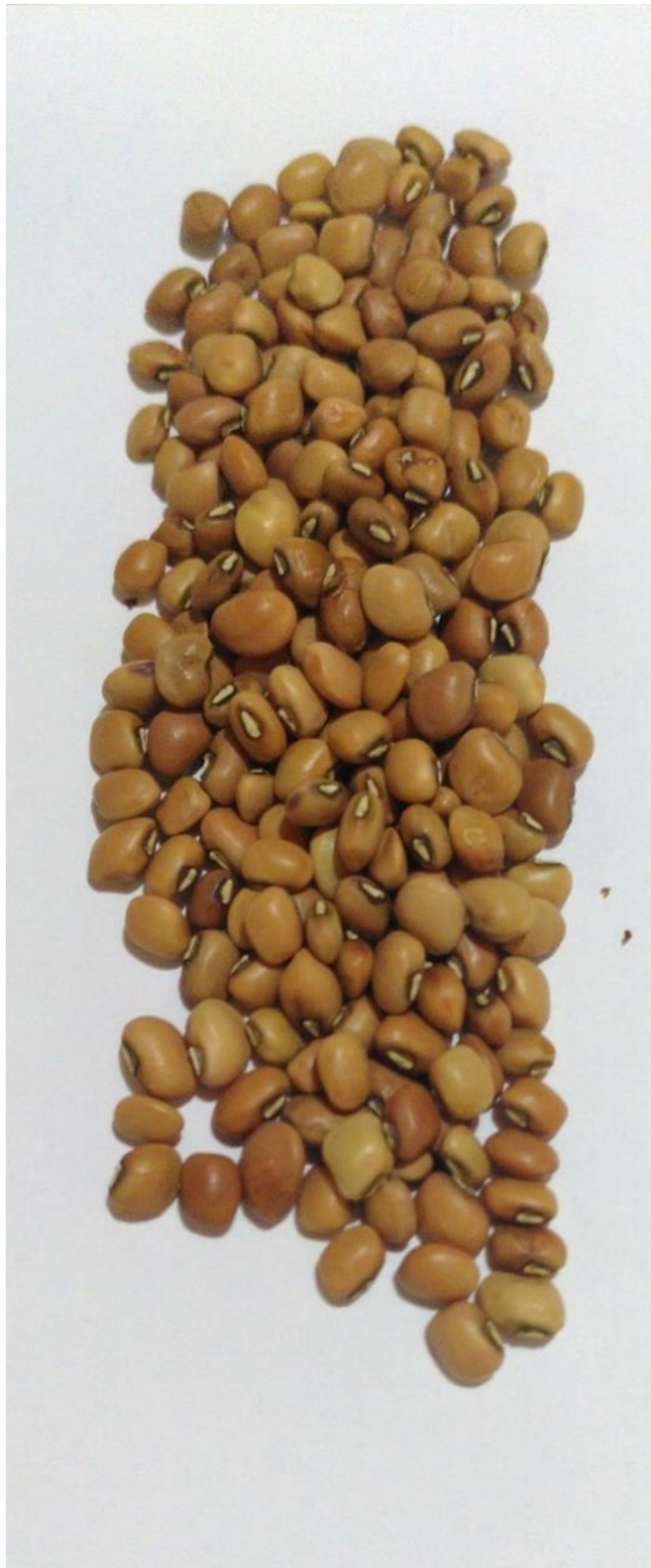
Ukubomfya umucele

Muleumika ilanda libe tamulatutula.

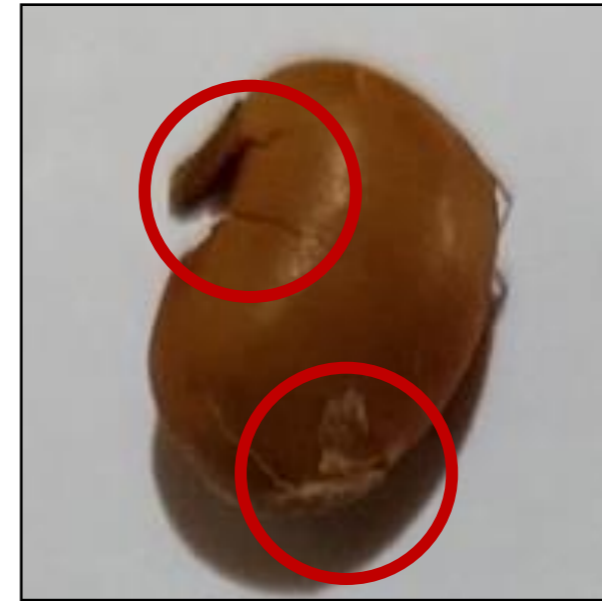
Mulececeta ukufula kwamutoshi ukubomfya umucele.

- ⊕ Pakumona ukuti imbeketi nayuma, bikenimo supuni umo uwamucele mumbeketi elyo musuunkanye. Umucelele tauli nakukakatila kumbali yambeketi.
- ⊕ Bikenimo umucele ukufika palicitika wa mbeketi. Bikenimo imbutu shallanda ukufika pakati kambeketi.
- ⊕ Cilikeni pakanwa kambeketi elyo muusunkanye kabili muleke itushe baminiti ikumi-limo [10 Minutes].
- ⊕ Moneni ukuti umucele taukakatile kumbali yambeketi

UKUBYALULULA NEMBUTO SHASUMINISHIWA



**Umutima ulebapo
lyonse**



**Tashilina-
kupandauka iyoo**



Ishabula ubulwele nelyo ukupesa

Sungeni imbuto shakubomfya kubulimi bwakuntanshi



Saleni imbuto sha llanda ishisuma sana ishakubyalulula, ukufuma kubusomboshi bwambuto shasumunishiwa.



Sungileni llanda muncende yatalaala. Ukukabisha kuti kwaonaula imbuto shine.



Sungileni imbuto mumbeketi ishipisha umwela - Mulemwenenena imbuto cilanshita.

Bomfyeni imbuto shasuminishiwa mukubyalulula



Umulumo wa bakasaambilisha:

1) Konkomesheni paamafya yaba mukulolela kwakupelwafye imbuto nangu mumbuto shakushita.

2) Konkemesheni ukuti imbuto kuti shabyalululwa

- Londololeni amuti ngacakuti imbuto sha ilaanda shasalwa kumbuto shasuminishiwa nokusungwa bwino, tulina ukushibyalulula pamyakafye itatu libe tashilacepelwa amaka yakumena. (Landeni pamusango wakweseshamo ukumena kwambuto). Cawama ukushita imbuto shimbi ishasuminishiwa panuma yamyaka itatu, epakutwalilila nobusomboshi bwakampuka.

3) Lanshanyeni inshila shayaana ukusungilamo imbuto

- Mulesunga ilaanda ilyauma ndii, epakukanabola kwamitima mukati kambuto.
- Sungileni Imbuto sha ilaanda mumbeketi iishilepisha umwela epakwipaya kwatushishi tonse utwasangangwamo mukukana enekela.

4) Lanshanyeni ifyakwishiba ilaanda lisuma ilyakusunga ngembuto shakubyalulula mubulimi bwakukonkeshapo

- Umutima kubapo lyonse
- Tashili nakupandauka
- Ishabula ubulwele nelyo ukupesha

5) Ipusheni ameepusho

* Ukusunga Ilaanda

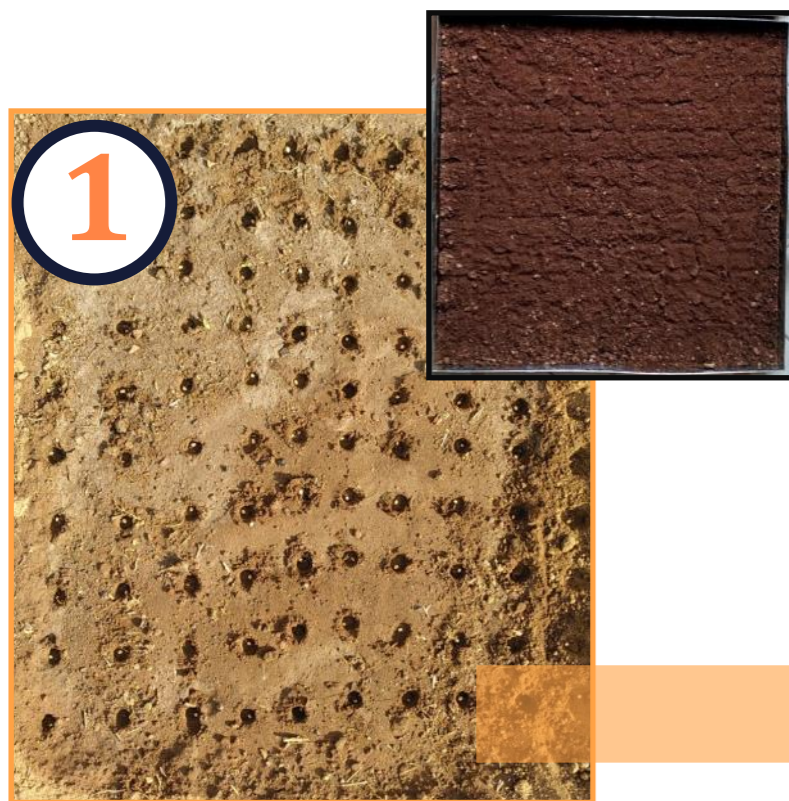
Ifintu fitatu ifingatantasha ubusungo bwa ilandaa kufula kwamuutoshi, ubwingi bwameenshi yamulwelele elyo naimicele.

Kanshi:

- ⊕ Umikeni imbuto ilyo tamulatutula (Bomfweni umucele mukwishiba ukufula kwameenshi mumbuto).
- ⊕ Saleni ilaanda ilyawamisha elingasungwafye panshita ntaali.
- ⊕ Sungeni ilaanda apasansama, mumbeketi ishilepisha mwela.
- ⊕ Sugileni imbuto muncende yataalala.
- ⊕ Cilanshita kulaceceta imbuto shenu nokusalamo shonse ishatebelelwa ne shabulweele. Ngacakuti tamulesaluluka mumbuto ninshi kuti shaonaikafye shonse.



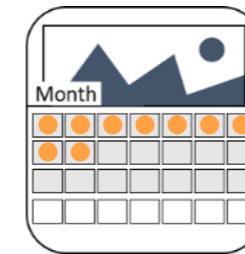
UKWESHA UKUMENA KWAMBUTO



- Byaleni imbuto ishifulile umwanda umo (10x10)
- Uluseke lumo pacilindi cimo
- Icilindi cimo cishike basentimita babili [2cm]
- Ifilindi fitalukane ukufuma pali basentimita babili [2cm] ukufika nakuli basano [2-5cm]



- Shikeni ifilindi fibyelwemo
- Muletapilila mute-mute lelo mwifusha ameshi- Imbuto shibe ishamutonshi lelo shiboomba
- Mulemona ukuti ifyuni nefinama fimbi tafilelya imbuto mwabyala.



- Tandalileni incende panuma yanshiku pabula [9 days]
- Pendeni imbuto shonse ishimenene
- Sangeni pesenti wakumena kwambuto

Ukwesha ukumena kwambuto



Umulimo wa bakasaambilisha:



1) Bushe cinshi twesha ukumena kwambuto?

1. Mwilabwekeshapo ukubyala imbuto shafilwa ukumena. (Ukubyalulula imbito kwamutengo - Ubulimi bwine pamo na imbuto shimbi)
2. Mwilalusa ubusomboshi (Amaka yakumena kwambuto epashitilila ubusomboshi - Bapesenti amakumi mutanda [60%] mukumena kwambuto emukutilla nobusomboshi cimocine niba pesenti amakumi mutanda [60%].)
3. Byaleni imbuto shilingene nobukulu bwa ibala mwalima- Mwilabomfya imbuto ukucila pabwingi bwasho mulekabila.
4. Aluuleni ukupekanya kwenu ilyo imbuto shakana ukumena bwino bwino— Byaleni imbuto shimbi ngacakuti imbuto mwabyele kale shakana ukumena.

2) Bushe nililali tulinokwesa ukumena kwa mbuto?

Muleesha ukumena kwambuto umwenshi umo ilyo tamulabyala , epakupela inshita yakwaluula amapange yenu ngacakuti ukumena kwambuto kwaya panshi saana.

3) Ukwesha kwakumona imbuto shingakula bwino:

Bikeni imbuto mwibeseni nameenshimo elyo mulolele papite baminiti ukufuma pali basano nokufika pali ba miniti ikumi limo [5-.10 minutes] Fumyenipo imbuto shonse ishaelela pamulu wameenshi. Buleni, umukeni elyo musunge imbuto shonse ishaikalila panshi yameenshi. mwibeseni.

4) Musangonshi tulinokweseshamo ukumena kwambuto? (Landeni pafikope)

Kuti mwabomfya incende yacingililwa mwibala lyenu nelyo icikopo ciswilemo iloba kabili icatulwa pesamba pakuti ameenshi yelaikalilamo. Byaleni imbuto umwanda umo mumilaini ikumi limo [10 Rows] na amafwa yakubyalamo nayo ikumi limo[10 seed holes]. Amafya yashike basenti mita babili [2cm deep] nokutalukana basenti mita babili [2cm apart]. Byaleni imbuto shasankanishiwa ukufuma mwisaka mwasungila llanda. Mushike imbuto busaka busaka kabili muletapilila cilanshita. Mumone ukuti ifitekwa tafilelya imbuto mwabyala.

5) Bushe ukwesa ukumena kwambuto kutusaambilisha cinshi?

Ukumena kusuma ukwa llanda kuli nokucila pali bapesenti amakumi cine konse-konse [80%] kabili kwicepa pali bapesenti amakumi cine-lubali [70%]. Amaka yakumena kwambuto ngayacepelwa ninshi tulinokubomfya imbuto ishingi icakuti kuti twashita nembuto shimbi ishakufuta palishilya shafilwa ukumena.

Ubulimi wa Ilanda

Icitabo caba Kasambilisha

(Mulandushi, Nikwisa, Cinshi, Nililali, Musangoshi)



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Contributors

Ministry of Agriculture

Damon Mwenya, Osbert Hamweete, Hobab Mumbi, Isaac Mupeta

GIZ

Hendrik Hoffmann, Stephen Kapanda, Dennis Lohmann

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The Better Life Book, COMACO, 2018; Beans Production Guide, ZARI, 2018;
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