



**UBURYO BWO GUTERA IBITI NO GUFATA
NEZA AMASHYAMBA BINYUZE MU MUSHINGA
UGAMIJE KUBAKIRA ABATURAGE
UBUDAHANGARWA MU GUHANGANA
N'IMIHINGAGURIKIRE Y'IKIRERE
(AREECA)
MU TURERE TWA KIREHE NA NYAGATARE**



INTANGIRIRO

Uyu mushinga ugamije kubakira abaturage bo mu turere twa Kirehe na Nyagatare ubudahangarwa ku mihindagurukire y'ikirere (AREECA), ushyirwa mu bikorwa n'Umuryango Mpuzamahanga wita ku Kubungabunga Ibidukikije – IUCN kubufatanye n'ikigo cy'Igihugu gishinzwe amashyamba- RFA, uturere twa Kirehe na Nyagatare ndetse n'Umuryango Nyarwanda Uharanira Iterambere ry'icyaro- RWARRI, ku nkunga ya Minisiteri y'ibidukikije y'Abadage (German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety- BMU).

Uyu mushinga ukorera mu bihugu 4 aribyo Rwanda, Kenya, Cameroon na Malawi, ukaba urebererwa na GIZ muri ibi bihugu byose.

Umushinga wa AREECA mu Rwanda ugamije gusubiranya ubutaka bwamaze kwangirika mu turere twa Kirehe na Nyagatare haterwa ibiti bivangwa n'imyaka, haterwa kandi amashyamba mashya, habungwabungwa ayangiritse, haterwa ibiti by'imbutu ndetse hanaterwa ibiti ku nkengero z'imihanda n'imigezi. Ibi byose bikorwa n'abaturage bo banyirimirima n'ubutaka binyuze mu cyiswe "Community Approach".

Muri Community Approach, abaturage bajya mu matsinda, bakagaragaza urutonde rw'ibibazo bibangamiye imidugudu yabo, ndetse bagafata iyambere mu gushaka ibisubizo by'ibibazo bagaragaje. Aha niho inzobere za IUCN, RFA na RWARRI bazira bagamije kongerera ubumenyi abaturage, ariko abaturage akaba ari bo bashyira mu ngiro ibikorwa byose.

Mu nshamake, amafaranga y'umushinga ava ku muterankunga agahita ajya ku baturage binyuze muri za SACCOs nta Rwiyemezamirimo ujemo hagati. Bivuze ko abaturage ubwabo baba bahindutse ba rwiyemezamirimo mu mirima yabo.

Leta y'u Rwanda ibinyujije mu Kigo cy'Igihugu gishinzwe amashyamba ifite intego yo gusubiranya ibice byangiritse bidafite amashyamba no kuyongera aho yagabanutse, gusarura ayeze no gutera andi mashyamba aho atigeze hagamijwe kuyongera.

Ubwoko bw'iti umushinga wa AREECA umaze gutera mu turere twa Kirehe na Nyagatare

Ibiti bivangwa n'imyaka

- Caliyandra
- Gereveliya
- Imisave
- Umuhumuro
- Sederera
- Gasiya
- Iminyeganyege

Ibiti biterwa ku mihanda

- Cortoni
- Imishishi
- Gasiya
- Umuvumu

Ibiti by'imbutu

Ibiti biterwa mu mashyamba

- Caritilisi
- Iminyinya
- Alinus
- Pinus
- Avoka



UBURYO BWIZA BWO GUTERA IBITI

Ikigo cy'igihugu gishinzwe gucunga no guteza imbere amashyamba gifite gahunda ihamye yo gukwirakwiza ibiti n'amashyamba mu gihugu hose.

Mu bihe byo gutera ibiti n'amashyamba, Abanyarwanda b'ingeri zose basabwa kwitabira icyo gikorwa.

Ishusho igaragaza uko biba bimeze mu gihe cyo gutera ibiti



Ingemwe ziterwa mu mwobo wa cm 40 x cm 40 mu butaka bukomeye, cyangwa mu mwobo wa cm 30 x cm 30 mu butaka bw'intabire.

Mbere yo gutera ingemwe, ni ngombwa kubanza gukuraho ishashi kuko igiti giteranye ishashi kidakura. Koresha akuma gatyaye kandi wirinde gushwanyuza ikinonko gifashe ku mizi.

Ishusho igaragaza uburyo bwo gukura ishashi ku rugemwe



Amashashi akuwe ku ngemwe zimaze guterwa ntagomba kunyanyagizwa mu murima, ashirwa hamwe akaba yazashyikirizwa inganda zikongera kuyatunganya.

Gutera urugemwe hagati mu mwobo kandi wirinda kurutaba, garukiriza igitaka aho icyo muri pepinyeri kigarukira, urenzeho cm 1 gusa kandi utsindagire gahoro igitaka impande y'urugemwe.

Ku mihanda inyura mu mirima y'abaturage haterwa ibiti bitonona imyaka, intera hagati y'igiti n'ikindi ni m 2,5 cyangwa m 3. Ibiti bya Cedrela serrulata, umufu, umuyove, umushwati, acrocarpus fraxinifolius bikunda ubutaka burebure kandi bufite imvura ihagije.

Ishusho igaragaza ibiti bitewe ku mihanda



Hari ibiti byihanganira izuba nk'imisave, umuhumuro, grevillea, cassia siamea, cassia spectabilis, lesena.....

Ku mihanda ifite inkengero zigizwe n'ubutaka bubi butaberanye n'ubuhinzi, haterwa Jacaranda turipied du Gabon (spathadea campanulata), inturusu, Cypres, Callitris, Filao, Cassia spectabilis Pinus, Acacia melanoxylon. Intera hagati y'igiti n'ikindi ni m 2.5 kugeza kuri m 3.

Ku misozi ihanamywe haterwa ibiti bikurikira: Inturusu, Cypres, Pinus, Callitris, Filao, Acacia meranoxylon Acacia mearnsii..... Ibiti biterwa imbusane mu ntera ya m 2.5 x m 2.5.

Ku miringoti haterwa ibiti bitonona imyaka, n'iby'imbutu ziribwa, intera ijya hagati y'ibiti bibiri ni m 7. Hagati y'ibiti binini haterwa uduti duto ndumburabutaka nka Calliandra, Lesena, Imiruku, Iminyeg-enyege cyangwa ibiti byera imbuto ziribwa nk'amacunga, ibinyomoro, amapapaye n'ibindi.

Ishusho igaragaza ibiti bitewe ku miringoti



Ibiti bitonona imyaka bigomba no guterwa hagati mu mirima ihingwa, intera hagati y'igiti n'ikindi ni m 25 cyangwa m 30.

Mu nzuri haterwa ibiti binini mu ntera iri hagati ya m 25 na m 30, cyangwa ku ntera nto ya m 1 ku buryo bwa padock (Imisave, Umuhumuro, Grevilleas, Cassia siamea, Cassia spectabilis, Maesopsis Eminii, Imiyenzi, Iminyinya, Imifatangwe hashobora no guterwa ibiti bito bigaburirwa amatungo nka Lesena, Calliandra).

Ishusho igaragaza ibiti bitewe mu nzuri



Abaturage b'ingeri zose bagomba kugira uruhare runini mu kurinda ibiti n'amashyamba; by'umwihariko abayobozi b'inzego z'ibanze basabwa gukurikirana ubutitsa uko ibiti byatewe ndetse n'amashyamba asanzwe bitangizwa n'amatungo cyangwa abagizi ba nabi.

GUFATA NEZA AMASHYAMBA

Hari uburyo bugera kuri butanu bwo gukorera no gufata neza ibiti n'amashyamba.

1. Gutemera

Bisobanura kugabanya ibyatsi ku mpande z'ibiti iyo bimaze kuva ku mezi atatu kugeza kuri atandatu bitewe. Gutemera bituma ibyatsi bitabangamira imikurire myiza y'ibiti, inyamaswa zitonona ibiti kandi bikagabanya impanuka z'inkongi z'imiriro

2. Kumenera

Kumenera bikorwa kugirango amazi yinjire ku buryo bworoshye mu butaka. Mu turere dushyuha cyane, kumenera birwanya umuswa. Kumenera bikorwa mu gihe cy'izuba riringaniye kandi bigakorwa ibiti bimaze imyaka 2 cyangwa 3 bitewe.

3. Gukonorera

Bikorwa mu rwego rwo kugabanya amashami y'ibiti n'ibyatsi byurira ibiti bigatuma ibiti bikura neza mu mubyimba no mu burebure kandi bigatuma ibiti bitagira amashyamba manini. Bakata amashami bagasiga ayo hejuru kugeza kuri 2/3 by'uburebure bw'igiti.

4. Kurobanya

Bisobanura kugabanya umubare w'ibiti mu ishyamba kugirango ibisigaye bikure neza mu burebure no mu mubyimba. Biba byiza iyo irobanya rikozwe mu gihe cy'izuba, mu irobanya nyir'ishyamba agomba gusigaza ibiti byiza, bigororotse kandi bidafite amashami manini.

5. Gukorera ishyamba rizashibuka

Ubusanzwe ishyamba rishibuka ritemwa rimaze hagati yimyaka irindwi n'icumi. Ibiti bitemwe bitarakura cyangwa bishaje cyane, bishibuka nabi cyangwa hakaba igihe bidashibutse.

AKAMARO K'IBITI BIVANGWA N'IMYAKA

Ibiti bivangwa n'imyaka biterwa mu butaka bwagenewe ubuhinzi n'ubworozi. Ibiti bivangwa n'imyaka byongerera imyunyungugu mu butaka, bifata ubutaka, birwanya isuri, bigaburirwa amatungo agakura neza, bitanga ibicanwa, bitanga ifumbire, amafaranga ndetse binakurura imvura, bitanga imihembezo, bitanga igicucu cyo kugamamo izuba. Muri rusange ibi bita bitanga umwuka mwiza duhumeka ndetse binakurura imvura.

AKAMARO K'AMASHYAMBA N'IBITI MURI RUSANGE

Amashyamba abumbatira urusobe rw'ibinyabuzima ndetse n'ibimera muri rusange. Amashyamba afite umumaro mu guhangana n'ingaruka z'imihindagurikire y'ibihe no guhangana n'amapfa nko mu gihe cy'izuba cyangwa imvura nyishi.

Ibiti muri rusange biyungurua umwuka duhumeka, bikurura imvura, bitanga imbaho dukoresha, bitanga ibicanwa, birwanya isuri, indabo zabyo zongera umusaruro w'ubuki.

Inshingano z'abaturage

Kubungabunga no kurinda amashyamba ni inshingano ya buri muturawanda wese. Abaturage bafite inshingano zo kubungabunga no kurinda ibiti n'amashyamba no gutanga ku nzego z'ubuyobozizi bubegereye amakuru arebana n'ibikorwa bibujijwe byahungabanyanya imicungire myiza y'ibiti n'amashyamba.

Abaturage barasabwa kandi gutera ibiti bakabyitaho ubwabo, bakabibungabunga, bakabivomerera igihe ari ngombwa, bakabibagarira, bakabirinda ibyonnyi nk'amatungo abyangiza kugirango bikure neza. Ibiti ni umusingi w'imibereho myiza mu muryango n'iterambere rirambye ry'igihugu.

Ibiti bizaterwa ni ibyande?

Ibiti bizaterwa mu mirima y'abaturage ni ibyabo kandi ni bo bizagirira akamaro muri rusange.

UBUTUMWA BUGENEWE ABATURAGE MU ITERA RY'IBITI 2023/2024

Baturage mutuye mu Karere ka Kirehe/Nyagatare, iki ni cyo gihe cyiza cyo gutera ibiti mu mirima yacu kugira ngo turusheho guhangana n'ingaruka ziterwa n'imihindagurikire y'ikirere, tugire imibereho myiza, duhinge tweze, tubikesha kubona imvura ihagije kandi ku gihe.

Ibi bita nitubitera neza tugendeye ku nama twagiriwe, ndetse tuka-byitaho uko bikwiye twirinda kubyangiza, twirinda kuragira amatungo ahatewe ibiti, tubirinda abana babirandura, nta kabuza akarere kacyiye imvura ihagije, duhinge tweze byinshi, duhumeke umwuka mwiza, duce ukubiri n'izuba akenshi ritwangiriza imyaka, bityo imiryango yacu igire imirire myiza iturutse ku mbuto ziribwa twateye, ndetse dukirigite ifaranga.

Binyuze mu mushinga wa AREECA, abaturage murasabwa ibi bikurikira:

- Kwitabira gutera amashyamba ahagenwe n'igishushanyo mbonera cy'imikoreshereze n'imitunganyirize y'ubutaka;
- Gutera ibiti bivangwa n'imyaka ku butaka buhingwa;
- Gutera ibiti by'imbuta ziribwa;
- Gutera ibiti ku nkengero z'imihanda n' imigezi;
- Kwitabira kubungabunga amashyamba twirinda gusarura ibiti biteze byitwa imishoro;
- Kwirinda kubakisha ibisenge ibiti bikiri bito bizwi nk'imishoro;
- Kwitabira gahunda yo gukoresha amashyamba ya rondereza, canarumwe ndetse na gaze;
- Turasabwa kandi kubungabunga ibiti byatewe kugira ngo bizatange umusaruro ukwiye.

Mu Karere ka Kirehe/Nyagatare, ubu butumwa mubugejweho n'Umuryango Mpuzamahanga wita ku kubungabunga ibidukikiye mu Rwanda- IUCN ku bufatanye n'Ikigo cy'Igihugu gishinzwe Amashyamba mu Rwanda n'Umuryango Nyarwanda Uharanira Iterambere ry'Icyaro, RWARRI.



**International Union for
Conservation of Nature**

The Authority of
Central Elections
for the Environment, Nature Conservation
and Nuclear Safety
of the Federal Republic of Germany