

"Jipyeong" — Igitabo cy'Ikoreshwa n'Akamaro

Nongbuae Co., Ltd.

Uburyo bwo gukoresha "Jipyeong"

- Mu gihe cy'imbuto (ibimera bito):** vanga inshuro 500 hanyuma utere inshuro 2–3 mu ntera y'iminsi 15–20
- Nyuma yo gutera:** vanga inshuro 1,000 hanyuma utere inshuro 4–5 mu ntera y'iminsi 20–30
- Iyo indwara yadutse:** ku kubora kwa sikelerotiniya, dawuni mildiyu, kubora koroshye n'ifu yera, vanga inshuro 250 hanyuma utere ku buryo buringaniye

Ishobora kuvangwa n'imiti yica udukoko.

Akamaro n'uburyo bwo gukoresha

Igihingwa	Indwara / udukoko	Igihe n'inshuro	Ivangwa	Kuri buri 20 L y'amazi	Icyitonderwa
Igisogo, saladi, urusenda, inyanya, imyungu		Mu gihe cy'ikura	250×	80 ml	Igerageza ry'uburozi ku bihingwa
Sitiroberi	Uburwayi bw'ifu y'ivu (gray mould)	Guhera ku ntangiriro y'uburwayi, buri minsi 7, inshuro 3			Gutera ku mababi
Urusenda	Inda z'ipamba (afide)	Mu gihe cy'ubwiyongere bukabije, rimwe			
Urusenda	Antarakinozi	Guhera ku ntangiriro y'uburwayi, buri minsi 10, inshuro 4			
Peri	Ibibara by'umukara (scab)				
Igitunguru	Kubora k'umukara (sikelerotiniya)	Guhera ku ntangiriro y'uburwayi, buri minsi 7, inshuro 3			Kuvomerera ku mizi
Igitunguru	Dawuni mildiyu				
Igitunguru	Kubora koroshye				
Igisogo	Tiripisi	Guhera ku ntangiriro y'uburwayi, buri minsi 7, inshuro 2			Gutera ku mababi
Igisogo	Dawuni mildiyu	Guhera ku ntangiriro y'uburwayi, buri minsi 5, inshuro 3			
Tungurusumu	Kubora koroshye	Guhera ku ntangiriro y'uburwayi, buri minsi 7, inshuro 3			Kuvomerera ku mizi

Igihingwa	Indwara / udukoko	Igihe n'inshuro	Ivangwa	Kuri buri 20 L y'amazi	Icyitonderwa
Inyanya	Uburwayi bw'ifu ku mababi	Guhera ku ntangiro y'uburwayi, buri minsi 7, inshuro 4			Gutera ku mababi
Inyanya	Isazi yera yo mu nzu y'ibimera	Guhera ku ntangiro y'uburwayi, buri minsi 7, inshuro 2			
Umwungu wo muri Koreya	Ifu yera (powdery mildew)	Ku ntangiro y'uburwayi, rimwe			Kuvomerera ku mizi / gutera ku mababi
Melo	Ifu yera (powdery mildew)	Guhera ku ntangiro y'uburwayi, buri minsi 5, inshuro 3			
Umuceri	Gushya kw'umufuka w'ibabi				
Umuceri	Burasiti y'ibabi				
Umuceri	Gushya kw'ibabi biterwa na bagiteri				
Umuceri	Indwara ya bakane	Amasaha 48 mbere yo gubiba			Kurohamya imbuto
Umuceri	Sumuti y'ibinyoma (false smut)	Guhera mbere gato yo gusohora amahundo, buri minsi 7, inshuro 2		100 ml	Gutera ku mababi
Umuceri	Burasiti y'ibabi	Ku ntangiro y'uburwayi, rimwe		80 ml	Gutera ku mababi hakoreshejwe drone
Imyungu	Inda z'ipamba (afide)	Mu gihe cy'ubwiyongere bukabije			Gutera ku mababi
Imyungu	Nyabutongo z'ibibara bibiri	Iyo hagaragaye 3-5 kuri buri babi			
Kaki (persimon)	Antarakinozi	Guhera hagati muri Kamenya, buri minsi 10, inshuro 6			
Epinari	Dawuni mildiyu	Guhera ku ntangiro y'uburwayi, buri minsi 5, inshuro 3			
Ibijumba	Kubora kw'imizabibu y'igihingwa	Ako kanya nyuma yo gutera, buri minsi 10, inshuro 3			Kuvomerera ku mizi
Igitunguru cy'ibibabi	Kubora k'umukara (sikelerotiniya)	Mu gihe cy'ikura			Gutera ku mababi
Inzabibu	Ifu yera (powdery mildew)	Guhera ku ntangiro y'uburwayi, buri minsi 10, inshuro 3			
Sitorone n'izindi (citrus)	Uburwayi bw'ifu y'ivu				
Shizandra (omija)	Ifu yera (powdery mildew)				
Pesi	Kubora k'umukara-ubukungugu (brown rot)	Guhera ku ntangiro y'uburwayi, buri minsi 7, inshuro 3			

Igihingwa	Indwara / udukoko	Igihe n'inshuro	Ivangwa	Kuri buri 20 L y'amazi	Icyitonderwa
Pome	Antarakinozi	Guhera ku ntangiro y'uburwayi, buri minsi 10, inshuro 7			
Umuforoma (mulberry)	Kubora kwa sikelerotiniya	Iminsi 5 mbere yo kurabya, na rimwe nyuma yo kurabya			
Jinsengi	Ibibara ku mababi	Guhera ku ntangiro y'uburwayi, buri minsi 10, inshuro 4		100 ml	
Amashu y'Abashinwa	Kubyimba kw'imizi (clubroot)	Guhera ku ntangiro y'uburwayi, buri minsi 5, inshuro 2			
Umuceri, perila, igisogo, amashu y'Abashinwa, salad, urusenda, soya		Mu gihe cy'ikura	1,000×	20 ml	Gutera na drone, kugenzura uburozi

Ku bihingwa byose mu gihe cy'ikura, vanga inshuro 1,000 (20 ml kuri buri 20 L y'amazi).

Ibyitonderwa mu ikoresha

- Ntugavange n'imiti y'umuringa, sulufuru y'ikirundo (lime sulfur), umuvangano wa Bordeaux, ibikoresha by'ubuhinzi bya alkaline cyangwa ibindi bicuruzwa bya sulufuru.
- Igicuruzwa cyafunguwe gikoreshe vuba bishoboka.
- Irinde amasaha y'ubushyuhe bwinshi; tera mu masaha akonje ya mu gitondo cyangwa nimugoroba.
- Ibimenyetso by'umuti bishobora gusigara ku bihingwa, bityo gerageza ku gice gito mbere yo gukoresha byose.
- Bika ahantu h'igicucu kandi hakonje.
- Ku bihingwa byo mu bwoko bw'imyungu (igisogo, igihaza, umwungu) no ku nzabibu (Campbell), gerageza mbere yo gutera ku mababi.
- Bika ahatagerwa n'abana.

Ibiranga igicuruzwa

- Nta ngaruka ku bihingwa no ku bikorwa remezo, kandi gishonga neza mu mazi.
- Kirimo sulufuru n'ibikomoka ku mikorere ya mikorobe, bityo gikomeza kurwanya indwara kandi kikabuza ibitero byo hanze.
- Kongera uburyohe n'isukari by'ibihingwa kandi kikanoza ububiko.
- Gikemura ibura rya kalisiyumu kandi kikirinda ibibazo biterwa na ryo.
- Ni ifumbire y'ubuhinzi kama — nta bintu byo mu ruganda by'imiti birimo.
- Cyakozwe mu gusembura sulufuru y'amabuye mu mutobe w'ibimera.

Amakuru ari ku ikarita y'ifumbire y'ubuhinzi kama

Izina ry'igikoresho / izina ry'ubucuruzi	Jipyeong
Icyiciro cy'igikoresho	— (ntibyanditswe mu nyandiko y'umwimerere)
Uburemere cyangwa ingano nyayo	1 L
Ubwoko n'ingano by'ibikoresho fatizo	Sulufuru 3% cyangwa irenga
Ubwoko n'ingano by'ibikoresho fatizo	Sulufuru 3%, umutobe w'iradishi 97%
Itariki yo gukorwa	— (ntibyanditswe mu nyandiko y'umwimerere)
Igihe cyo kubikwa	Imyaka 2 uhayeze ku itariki yakoreweho
Uburyo bwo gukoresha	Gutera ku mababi inshuro 3 mu ntera y'iminsi 7 guhera ku ntangiriro y'uburwayi, ivangwa rya 250×. Umuceri: gutera ku mababi bwoko bwa ULV hakoreshejwe drone mu gihe cy'imbuta, 8×.
Ibyitonderwa mu ikoresha no mu kubika	Nyeganyeza neza mbere yo gukoresha. Ni byiza kwirinda ko bikonja bigahinduka urubura.
Ibihingwa byageragezweho	Saladi, soya, urusenda, igisogo, amashu y'Abashinwa n'ibindi bihingwa

Uruhare rw'ifumbire ya azote

- Ikoreshwa nk'ikigize ibinyabuzima by'ingenzi nka poroteyine, aside nikleyike na kolorofile, bityo igafasha ikura n'iterambere.
- Igira uruhare mu gukora kolorofile, igafasha fotosentezi kandi igira ingaruka nyinshi ku ikura ry'amababi, ibiti n'uburebure.
- Ibimera bikurura azote cyane cyane mu buryo bwa nitrate (NO_3^-) na amoniyumu (NH_4^+), hanyuma bikayikoresha mu gukora aside amine na poroteyine.

Ifumbire ya azote n'ibihingwa — ingingo z'ingenzi

Icyiciro	Ibihingwa nyamukuru	Ibiranga ikoresha ry'ifumbire ya azote	Ingingo zo gucunga
Bishingiye cyane	Umuceri, ibigori, ingano	Azote ni ingenzi mu gushinga amababi n'ibiti, bityo umugabane w'ifumbire ikoresha uba munini	Tanga bihagije mu ikura ry'intangiriro; gabanya mu gihe cy'imyorokere
Bishingiye buhoro	Soya	Ifata azote yo mu kirere binyuze mu duheri tw'imizi, bityo ikeneye ifumbire ya azote nkeya	Tanga gake gusa mbere y'ikura ry'intangiriro; irenze ishobora kubuza duheri gushingwa

Uruhare rw'ifumbire ya fosifate

Ifumbire ya fosifate igira uruhare rukomeye mu ikura ry'imizi no mu gushinga indabo, imbuto n'imbuta z'imbuta; by'umwihariko ni ingenzi mu kumera no gushinga imizi, mu gushinga uduhumbi tw'indabo, no mu kongera ubuziranenge bw'imbuta (isukari, ibara, ububiko). Ikindi, mu bigize ifumbire uko ari bitatu (NPK), fosifore (P) ni ikigize ibintu by'imikorere y'ingufu nka aside nikleyike na ATP, bityo igira uruhare rutaziguye mu ikura no mu myorokere.

Uruhare	Ingaruka ku gihingwa	Ibimenyetso by'ibura
Guteza imbere kumera no gushinga imizi	Gushyigikira ikura ry'imizi n'ikura ry'intangiriro	Kumera gutinda, imizi ikura nabi

Uruhare	Ingaruka ku gihingwa	Ibimenyetso by'ibura
Gushinga indabo, imbuto n'imbuto z'imbuto	Gushinga uduhumbi tw'indabo, ikura ry'imbuto, kongera ubuziranenge (isukari, ibara)	Uduhumbi tw'indabo ntitushinge neza, imbuto ntizikure
Gushyigikira imikorere y'ingufu	Igira uruhare mu gukora ibintu by'ingufu nka ATP	Ikura rigabanuka, ubushobozi bwo kwororoka bugabanuka

Ibimenyetso by'ibura

Iyo fosifore ibuze, amababi ahinduka icyatsi kibisi cyijimye cyane cyangwa ubururu-umuhondo (kugaragara kw'ibara rya antosiyanine), uduhumbi tw'indabo ntitushinge neza kandi indabo zikunda kutarabya neza.

Igihe cyo gukoresha n'ibitonderwa

- Gutanga fosifore mu ikura ry'intangiriro, mu gihe cyo kurabya no mu gihe cyo gushinga imbuto bifasha ikura ry'indabo n'imbuto.
- Kugenda kwayo mu butaka ni gake, bityo ni ngombwa kuyishyira aho ishobora kugera ku mizi y'igihingwa itaziguye.
- Ku bicuruzwa bifite ubukana bwinshi (urugero: monopotasiyumu fosifate), kurikiza igipimo cyo kuvanga; kuyivanga itaziguye n'ifumbire ya kalisiyumu cyangwa magiseziyumu bishobora gutera ibisigazwa bitegana, bityo witondere mu kuvanga.

Ibihingwa ifumbire ya fosifate ikwiriye

Ni ibihingwa bikoresha cyane cyane ifumbire ya fosifate (P) kugira ngo umusaruro wiyongere. Ibishyimbo, kolza, ingano n'ipamba, ibirayi, ibihingwa byo mu bwoko bw'imyungu n'ibiti by'imbuto bisubiza neza kuri fosifore, bityo kuyikoresha bivugwa ko byungura.

Itsinda ry'ibihingwa	Impamvu ifumbire ya fosifate yungura
Ibishyimbo	Bisubiza vuba kuri fosifore; umusaruro n'ifatwa rya azote bishobora kwiyoungera
Kolza	Bishyirwa mu bihingwa bikunda fosifore
Ingano n'ipamba	Bikunda fosifore, bityo kuyikoresha bishobora kugira akamaro
Ibirayi	Bikunda fosifore, bityo kuyikoresha bishobora kugira akamaro
Ibihingwa byo mu bwoko bw'imyungu	Bikunda fosifore, bityo kuyikoresha bishobora kugira akamaro
Ibiti by'imbuto	Bikunda fosifore, bityo kuyikoresha bishobora kugira akamaro

Uruhare rw'ifumbire ya okiside ya potasiyumu

Ifumbire ya okiside ya potasiyumu itanga potasiyumu (K), kimwe mu bigize ifumbire uko ari bitatu, kandi igira ingaruka ku mikorere y'umubiri w'igihingwa no ku buziranenge bwacyo. By'umwihariko isobanurwa nk'ikintu "cyongera imiterere" gifasha kurabya, gushinga imbuto no kwera kw'imbuto n'imboga, ndetse n'isukari n'ubushya.

- **Kongera kwihanganira ingorane:** igira uruhare mu kongera ubudahangarwa ku bihe bidasanzwe nk'amapfa, imbeho, indwara n'udukoko.
- **Gushyigikira imikorere y'umubiri:** igira uruhare muri fotosentezi no guhumeka, igafasha gukora no gutwara karubone y'isukari, kandi igakomeza ibiti.
- **Guteza imbere kurabya, gushinga imbuto no kwera:** ifasha kurabya n'ikura ry'imbuto, kandi ishobora kugira ingaruka ku buziranenge bw'imbuto (ibara, ingano, isukari) no ku kubungabunga ubushya.

Itsinda ry'ibihingwa	Uruhare rwa potasiyumu	Ibitekerezwa mu guhitamo ifumbire
Imbuto · imboga	Guteza imbere kurabya, gushinga imbuto no kwera; kongera ubuziranenge; kubungabunga ubushya	Iyo hari ibyago byo kwirundanya kw'umunyu, hakundwa ifumbire isiga ion nkeya
Ibiti by'imbuto (urugero: inzabibu)	Potasiyumu ni ingenzi nk'ikigize ubuziranenge	Potasiyumu nitrate isiga umunyu muke, bityo ivugwa ko yungura mu nzu y'ibimera
Ibijumba	Ifumbire ya potasiyumu ikoreshwa mu kubuza ikura ry'ibibabi rikabije	Gutera ku mababi bikoreshwa kugira ngo hagerweho ingaruka yo kubuza mu gihe gito

Uruhare rw'ifumbire ya okiside ya bore

- **Gutanga ikintu gikenerwa mu buke:** bore ni ikintu gikenerwa mu buke ku ikura ry'ibimera; ifumbire yuzuzanya icyabuze.
- **Urukuta rw'utugingo n'imikorere y'imyororokere:** bore igira uruhare mu gushinga urukuta rw'utugingo no mu mikorere y'imyororokere (indabo, imbuto), kandi ishobora kugira ingaruka ku ikura no ku musaruro.
- **Gucunga ibura n'ubwinshi:** ibura rishobora gutera ikura kugabanuka, amababi n'ibiti kudakora neza, indabo n'imbuto kutakura neza; ubwinshi bufite ibyago by'uburozi, nko guhinduka umuhondo kw'amababi.

Uruhare rw'ifumbire ya sulufate

- **Gutanga sulufuru:** potasiyumu sulufate na magiseziyumu sulufate bitanga sulufuru, bivugwa ko bifasha kunoza uburyohe bw'imbuto no kongera igihe cyo kubika.
- **Gufasha gushinga kolorofile:** gutanga magiseziyumu (nka magiseziyumu sulufate) bisobanurwa ko bifasha kolorofile gushingwa.
- **Gukora ifumbire ya fosifate:** aside sulufirike ivugwa nk'ikintu cy'ingenzi gikenerwa mu gutunganya urutare rwa fosifate kugira ngo hakorwe ifumbire ya fosifate.