

INGEDE

Lishicilelw yi - SOUTH AFRICAN SUGAR ASSOCIATION EXPERIMENT STATION

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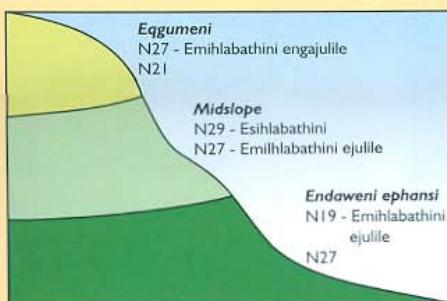


YENZA NGCONO ISIVUNO SAKHO

Uma uwumlimi kulula ukuthi ungasitholi isivuno esihle en-simini yakho, ngakho kulele kuwena ukuthi uyayenza yini in-zuzo noma cha. Ukuqiniseka ukuthi umlimi akalahlekewa, Ispalamente (SASEX) senza konke okusemandleni ukuthi sikhiphele abalimi izinhlobo zomoba ezinesivuno esiphezulu, kodwa yonke into ilele kumlimi ngoba inhlobo enesivuno esiphezulu iyodwa ngeke yenze lutho. Umlimi kumele atshale inhlobo elungele indawo yakhe, umhlabathi kanti nokuthi uitshala kuphi njengase gqumeni noma endaweni eyixaphozzi.

UKUTSHALWA KWEZINHLOBO

Ukuzihlela ngesimo sendawo



Okwamanje nazi izinhlobo esizokhuluma ngazo

N19	N27	N29	N31
Ilungele zindawo ezichelelwayo nezingachelelwya	Ilungele izindawo ezingacheleli	Ilungele izindawo ezingachelelwya	Ilungele izindawo ezingachelelwya ezimaphakathi KwaZulu-Natal
Kulezozindawo ezenemvula eyanele ingakhizqa umkhizizo onoshukela omningi uma usheshe wahlahlwa	Inomkhizizo ophezulu kashukela	Inoshukela omningi	Inomkhizizo ophezulu noshukela ikakhulu ezindaweni ezimaphakathi
Uyamelana ne smut, ne rust kanti uphakathi nendawo ekumeleni isihlava kodwa imosaic ne RSD uwushaya uwuqedde	Iyamelana nesmut nemosaic. Irust iphakathi nendawo nokumelana nayo kanti isihlava naso isimela ngokuphakathi nendawo.	Iyamelana nezifo nesihlava	Ismut iwuhlasela ngokuphakathi nendawo ngokwesilinganiso kanye ne mosaic nesihlava kodwa iyamelana ne rust
Uyashesha ukughuma uma usuthaliwe kanti noma sekuyihlumela	Itshalo liphuza ukughuma kanti ihlumela lona liphakathi nendawo futhi lithembekile	Itshalo nehlumela liyashesha ukughuma	Itshalo nehlumela liyashesha ukughuma
Uyazabalaza ukukhula uma kunesomiso kodwa kubangconywana emva kwesomiso	Uyakwazi ukukhula uma kunesomiso kanti emva kwesomiso ihlumela likhula ngokuphakathi nendawo	Uyakwazi ukukhula emva kwesomiso	Uyakwazi ukukhula emva kwesomiso
Awukwazi ukumela amaphaphozzi	Akwaziwa ukuthi iqhuba kanjani exphaphozini	Akwaziwa ukuthi iqhuba kanjani exphaphozini	Akwaziwa ukuthi iqhuba kanjani exphaphozini
Ushaye ekuqaleni kokuhlahla (april –june) Ungawudululisi onyakeni ozayo	Ingavunwa noma innini onyakeni. Ayikulungele ukudululiselwa onyakeni olandelayo	Kumele ihlahlwe ngokushesha kanti ungayiduliselwa onyakeni olandelayo (isikhathi sokuvuna sisekuqaleni kokuhlahla kuze kube phakathi nendawo nokuvuna	Wuhlahle ezinyangeni eziyishumi nesishiyagalombili kuya ezinyangeni ezingamashumi amabili nane.
	Ikhula kangcono emihlabathini eminingi ngoba ngisho umhlabathi ungajulile uywuthola umkhizizo. Imiphumela yasesihlabathini ayimihle futhi ayimbi kodwa ilungele umhlabathi onesidaka.		Kumele itshalwe ezindaweni eziseduzane nomshini
	Ingahlahlwa ngezinyanga eziyishumi nambili noma eziyishumi nesishiyagalombili		Iyashaywa I red rot ne smut

Uma amasimu edatshulwe ngalendlela engapehewu lokho kwelekelela umlimi ekuphatheren iplazi lakhe njengokuthi umhlabathi ofanayo ukhuthazwa ngokufana ngoba usendaweni eyodwa, umhlabathi osegqumeni awufani nomhlabathi ophansi. Ngakho-ke uma udabula amasimu akho lokho kwenza ukwazi ukutshala inhlobo efanele emhlabathini ewulungele futhi kunciphisa ukuguguleka komhlabathi

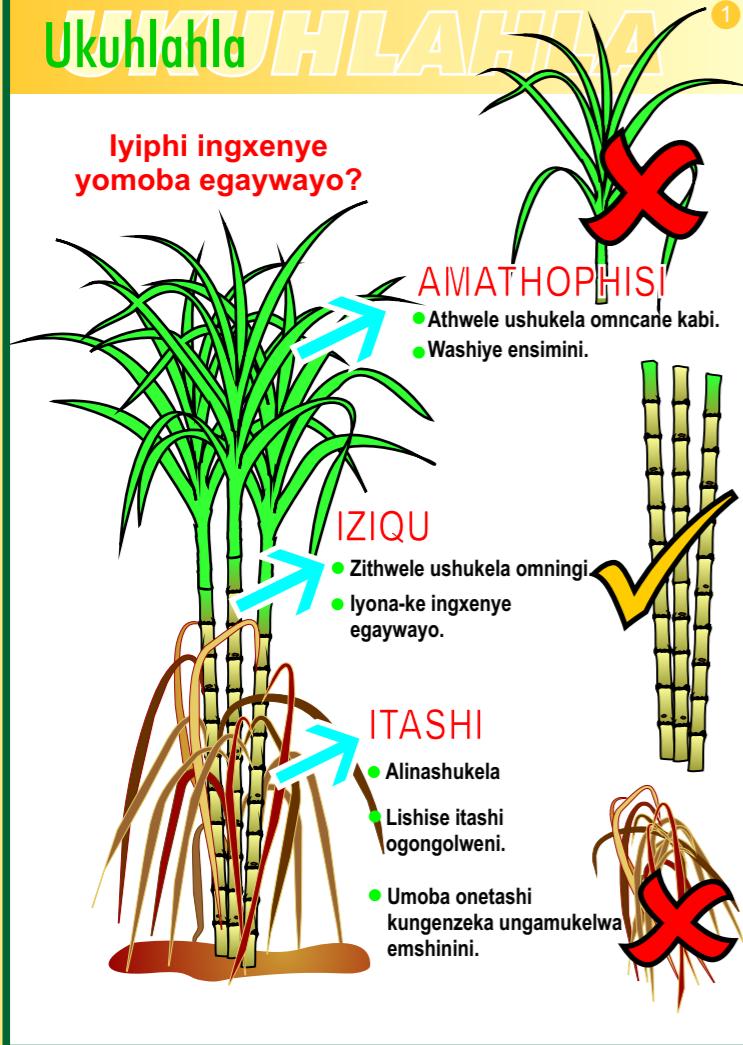


Khetha uhlobo lomoba oluvumelana nendawo yakho.



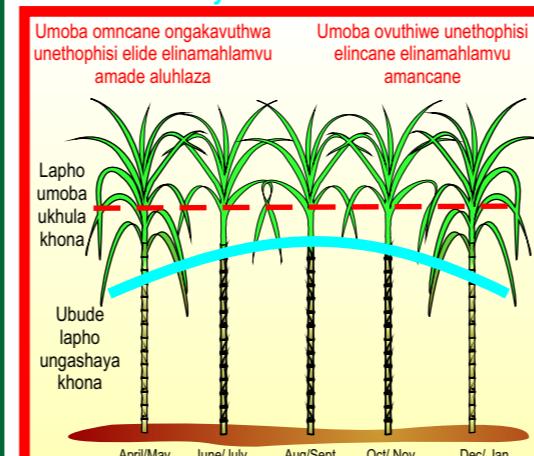
UKUHLALAHLA

Iyiphi ingxene
yomoba egaywayo?



UKUHLALAHLA

1. Thena umoba ngokuhlukana kwezikhathi zonyaka



Thenela phansi ngezikhathi:

- zokuvula umshini noma usuzovala
- uma usemcane futhi ungakavuthwa
- uma umshini ukude

UKUHLALAHLA

Isikhathi sokuhlalha

- Izhnlobo ezihlukene zihlahla ngezikhathi ezelukene onyakeni.
- Hlela ukuhlalha izhnloba zakho ngesikhathi esifanele.

IZKHATHI ZOMSHINI	
UKUVULA - April to June	
KWETSHE	
PHAKATHI - July to September	
UKUVALA - October to December	KWETSHE
Malelane	Komati
Umshini	Ukuvala Kwetshe
Ukuvala Ekupheleni Konyaka	
Ukuvala Ezinyangeni ezingu 15 Kuya Kwezingu 18	
Sezela	N29 Noc376 N16 Nco376/
Umzimkulu	N35 N16 N21 N12/ N16/ N21/ N27/ N29/ N33
Umflozi	N27 N35 N21 N27 N21 N33 N21
Felton	N19 Noc376 Nco376[s] N12
Entumeni	N29 N16[s] N16[s] N27/
Amatikulu	N35 N19 N17 N29\$
Darnall	N21 N27 N21 N33
Gledhow	N29 N27 N21
Maidstone	N35 N35
Ezinelsayo	
Malelane	N19 N14 N14*
Komatipoort	N22 N17 N17*
Pongola	N24 N19 N23*
Umfolozi	N26 N22 N25 N30 N23 N28 N24 N30 N25 N32 N28
Eminyakeni Embili	
Emihlabathini Emihle Nasezigodini	
N12	N16
N31+	N29
	N35
	N37
Early Season Mid Season Late Season	
Noodberg	N12 N12 N16
Union Co-op	N16 N21 N21
Eston	N21 N29 N29
	N31 N31
+ Ezindaweni ezisemphethweni kuphela.	
• Uma ughakaza ugawulekile uSeptembera.	
• Una unentshakaza ugawuyeki kuze kuge unyaka olandelayo.	
• Uyazwela una udlike isiwumba, una isiwumba siyinkinga ungawutshali.	
[s] Uyazwela una udlike isiwumba, una isiwumba siyinkinga ungawutshali.	

Ukulahlekelwa iRV ngenxa yokulabiziseka komoba kusukela ushisive uze ufile emshinini

Ukuvikela ukulahlekelwa iRV

- Hambisa umoba emshinini ngokushesha. Ushukela wehla ngokushesha uma kushisa.
- Hlahla umoba oshisiwe ungawuyeki umile.
- Mawuhlahlwie ngokushesha. Shisa izindawo ezincane.
- Thumela umoba ohlanzekile ongenanhlabathi namathophisi.

UKUHLALAHLA

2. Wuzwe lapho ukunambitheka kuhela khona

3

UKUHLALAHLA

Ukuhlalela Phansi



- Lokhu kubanga ukulahlekelwa izuzo yoshukela.
- Umoba omusha oqhuma ngaphezu komhlabathi awukwazi ukukhula.
- Kubanga ukuthi umoba ungabi nama hlumela amahle.



- Kugcina sekuthunyelwe izimpande nomhlabathi emshinini.
- Kubulala isixhanti lapho umoba ukhula khona.



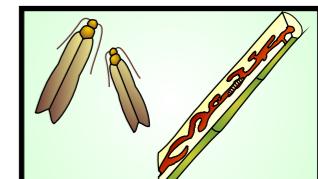
- Ilapho-ke kufanele ushaye khona.

UKUHLALAHLA

Ukuhlalha okuyisipesheli

UMOBA ONESHLAVA

- Wuhlahle ngokushesha umoba oneshlava.



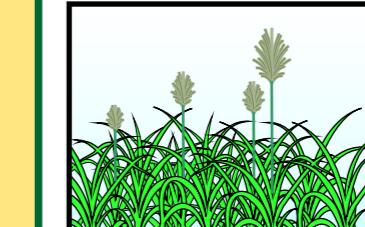
UMOBA OSHE NGENGOZI

- Kufanele ushayeungashiywa umile.
- Uphuthumise emshinini ngokushesha.
- Faka umanyolo bese ubulala nokhula.



UMOBA WESOMISO

- Umoba oya emshinini
 - Hlahla lawomasimu amabi kuqala ungawuyi umoba omubi kuze kuge unyaka ozayo.
 - Uyeke umile.
 - Faka umanyolo one nitrogen uma kuqala izimvula Susa ukhula.
- Ongayi emshinini
 - Ongayi emshinini - Ushise, uwushaye.
 - Ukhuthaze zingakafiki izimvula.



Oqhuma izimbali

- Uhambe emshinini ekupheleni kuka Septemba.
- Ungawuyeki kuze kuge unyaka olandelayo.
- Faka isikhuthazi.

IZINDINYANA EZIYIZIBONELO

Indinyana yokuqala yatshalwa ensimini yomlimi osafufusa ngo 1996. Namuhla sekunezindinyana ezingaphezulu kwa 70 esezitshaliwe.

Imisebenzi yalezizindinyana mibili: Ukunika abalimi ithuba lokuzibonele ukuthi lezizinhlobo ezintsha zombwa zikhula kanjani endaweni yabo. Lokho-ke kuzobasiza ekutheni bawkazi ukukhetha uhlobo oluvumelana nendawo yabo. Okwesibili ukuthi lezizindinyana kumele zidale indima enkuwu ekufundiseni-abalimi abasafufusa ukuthi kwensiwa njani ukuze ukwazi ukukhiquza umoba omuhle nophilile. Ngakho-ke injongo kuwukufundisa abalimi khona bezokwazi ukuthatha izingumo ezinohlonze.

Loluhlelo lokutshala izindinyana luxhaswe ngokuhlanganyela abakwa SASEX kanye nabo Mnyango Wezolimo neze Mvelo. Ukulungisa insimu, ukutshala, ukufaka umanyolo kanye nokubulala ukhulu, umphakathi uzenzela mathupha, kanti-ke ukubhekelela ukugcina kwalendinyana-kwensiwa umnikazi wendawo lapho indinyana itshalwe khona. Lokhu kusiza ekwadiseni ubudelwano kubeluleki, abakwa SASEX kanye nomphakathi wonkana wabali.

Izikhulu zakwa SASEX kanye nalezo eziqhamuka e Myangweni Wezolimo neze Mvelo zike zahambela eziyne zalezizindinyana esigodini sakwa Nomyaca lapho zabuza khona Inkosi u Biyela ukuthi uthini ngalezizindinyana kanye noqeesho olutholwa abantu bayo. Wabe esephendula ethi "Sithola ulwazi olunzulu ngosizo lwabakwa SASEX. Noma ngabe yini umeluleki asishela yona ukuthi siyenze sizoyenza. Injongo yethu ukwakha inzuko ngakho-ke izeluleko sizamukela ngezandala ezimhlophe".



U Mnuz, SM Hlongwa, Mnuz, IN Hlongwa kanye no Mnuz. M Dlamini bame phambi kwendinyana eyisibonelo kwa Nomyaca.

INTSHA NEZOLIMO

Ezolimo zivame ukubukelwa phansi abantu abasha kodwa nokho ezolimo ziwumgogoda wempi. Ezomnotho zithembel kwezolimo. Ikusasa lezwe lethu lilele kubantu abasha ngakho-ke uma intsha ingazimbandakanyi nezolimo lokho kusho ukuwa komnotho wezwe.

Kuyadukisa uma umzali ewumlimi ,ekhulisa izingane zake ngakho ukulima , kodwa uma esedlulile emhlabenzi izingane azibe zisafuna ukuchubeka nokulima njengoba kwabe kwenza umzali wazo.

Ngalezizathu-ke-ingakho Umnayago wezolimo nezemvelo sewusungule uholelo olumbandakanya abantu abasha kwezolimo ngenhloso yokunciphisa igeba phakathi kwabalmi abadala nabancane ngoba kudala intsha yabe inganakiwe.

Intsha eningi iqedile ukufunda kodwa ayiqashiwe ngenxa yokusweleka kwemisebenzi. Yize benzo izindawo zokulima emakhya kodwa bona bakholelwu ukuthi kumele basebenzeli omunye umuntu. Esikhathini samanje impilo inzima ingakho instha kumele ibhukule iqale izilungiselele yona ikusasa layo.

INGAZIMBANDAKANYA KANJANI INTSHA KWEZOLIMO NA?

Okokuqala Intsha kumele iqiqalele izinhlelo zezolimo. Umnayago wezolimo nezemvelo ungalekelela lapho unga-wazi khona.

Okwesibili Ukugqquzelu uthando lwezolimo ngesikhathi izingane zisesezikoleni.

Selokhu waqala lomkhankaso (wokumbandakanya intsha kwezolimo)

■ Sekunezinhlelo zezolimo ezimbawla ezbukeka zithembisa eseziqaliwe neziqhubekeyo



Intsha yase Mbongownane ngaphansi kohlelo lokuvuselela ezolimo olubizwa ngokuthi - Reviving Agriculture Pilot Project.

AMASU ASEMQOKA

- Uma usuyitholile imiphumela yomhlabathi owawuthumela ukuba uyohlolwa e Spalamente (Experiment Station) Leyomiphumela izokutshela ukuthi umanyolo ongakanani odingga umhlabathi wakho. Ngakho-ke faka i-oda lakho kusenesikhathi khona kuzothi ziqambe zifika izimvula wena usulungele ukuthashala..
- Amasimu aahlhlwe kungakabi uMfumfu (October), kumelwe achelwe ngomanyolo ngokushesa njengoba umoba ukhula nje.
- Uma ngabe uqala ukutshala, khumbula ukuthi kubalulekile ukuthi usebenzise imbewu ephili. Ngakho-ke, qiniseka ukuthi imbewu yakho iholiwe futhi ivumelekile ukuthi ungayisebenzisa.
- Zama ukuthi ungawuphazamisi umhlabathi uma utshala. Kuyasiza lokhu ngoba kushibhile futhi kugcina umhlabathi uswakeme.
- Izimvula-ke zilandelwa ukhula. Ingabe uluhlome? Ingabe impahla yokuchela ukhula isesimweni esikahle. Labo abachelayo ingabe baqeqliwi ngokwanele? Uyalwazi uhlolo lokhula okufanele ululindele ensimini yakho na?
- Khumbula ukuthi ukuchela ngemithi ebulala ukhula lun-gakahlumi noma lusahlume kancane konga imali.
- Ukgcina umhlabathi uswakeme uma utshala kubalulekile. Ngakho-ke imigqa yakho ayingahlali isikhathi eside ivuliwe kodwa mayivalwe ngokushesa uma kuqedwa ukufaka imbewu. Kulawo masimu alinywe ebusika, linda izimvula kuqala kande utshale.
- Ndla itashi ensimini ukuze uvimbele ukhula futhi ug-cine umhlabathi uswakeme.

■ Ezinye izikole zase Showe seziqalile ukuzimbandakanya naloluhlelo ngokwenza izinhlelo zolimo phakathi ezikole-ni ngenhloso yokuvuselela uthando lwezolimo kubafundi.

Ngakho-ke sinxusa imiphakathi, abazali nothisha ukuba nigugquzele intsha ukuba izimbandakanye nezolimo.

Intsha iyanxuswa ukuba isukume ingabulali ikuwaso layo.