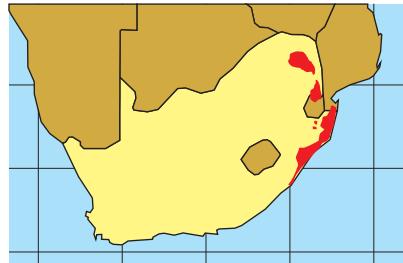


ALIEN PLANTS¹

Ziyini izifikanamthwalo noma izinhlaseli?



USANDANEZWE



UBHICI



UWATELA

Ziqhamukaphi lezizinhlaseli noma izifikanamthwalo?

Zifika ngengozi ziqhamuka kwamanye amazwe



Amalungelo okuqopho aqukethwe kulo mbhalo. Ayiko ingxene yalo msebenzi engaphinda yenzive nanganoma iyihi indlela ngaphandle kwemvume ebhalive yomshicileli. Yize yenzive yonke imizamo yokuqinisekisa ubuqotho bolwazi olushicilelw kulo msebenzi, isikhungo sezoCwaningo ngoMoba saseNingizimu Afrika (SASRI) asizukuthathelwa zinyathelo ngokulahlekha noma ukulimala okungehlakalela umuntu ngenxa yokulandela ulwazi oluqukethwe lapha. Ukusetshenziswa kwamagama nezikhangisi ezinobunikazi kulumshicilelo akungathathwa njengokuqinisekisa/gqugquzelza ukuthi zisetshenziswa.

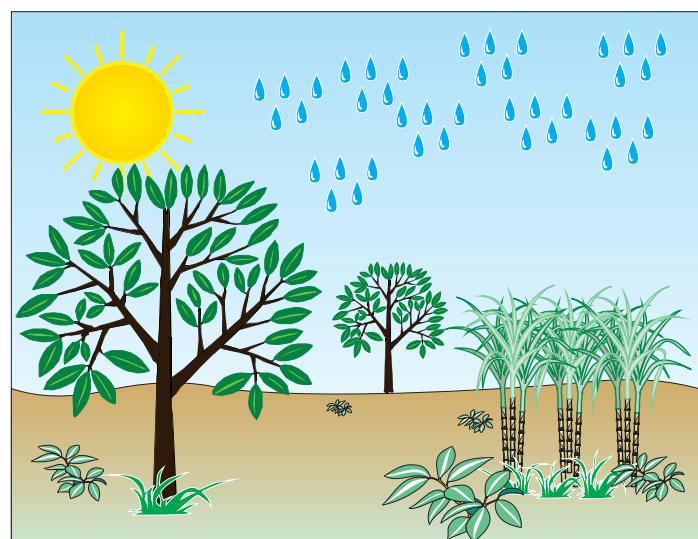
ALIEN PLANTS²

Yini kumele zinqandwe lezizitshalo?

Izinhlaseli zincintisana nezinye izitshala nge:

- langa
- Amanzi
- Imisoco
- Indawo

- Zibulala utshani bemvelo
- Zandisa ukuguguleka komhlabathi
- Zibulala imvelo.



Yini eyenza lezi zitshalo zihlasele kangaka?

- Zikhqiza imbewu eningi
Usandanezwe nje ukhiqiza izigidi zembewu
- Imbewu ihlala isikhathi eside emhlabathini
Imbewu kawatela ihlala iminyaka engaphezulu kuka 80
- Imbewu isabalala kalula
Ngomoya, ngamanzi, izilwane kanye nemishini
- Zinezitha eziyingcosana zemvelo

ALIEN PLANTS

3a

Ukuzikhomba nokuzihlunkanisa ngezigaba

ISIGABA SOKUQALA

1. Usandanezwe

2. Ubhici noma ubukhwebezane

3. Ubhongabhonga

4. Pereskia



Usandanezwe



Ubhici noma ubukhwebezane



Ubhongabhonga



Pereskia

ALIEN PLANTS^{3b}

Ukuzikhomba

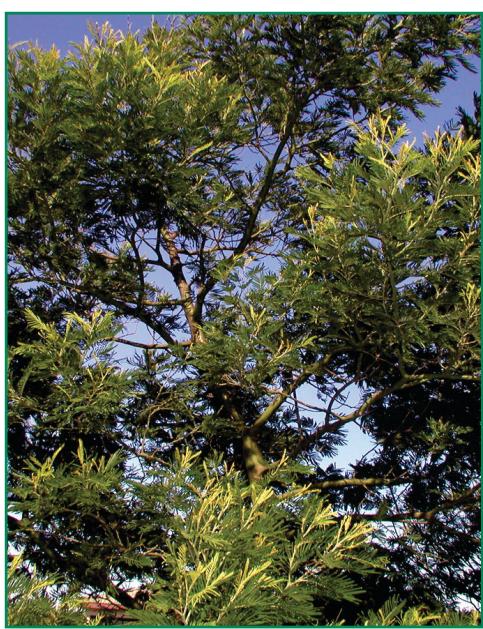
ISIGABA SESIBILI

- Zivunyelwe kuhela uma unemvume yakwa Agricultural Resource Management
- Kumele kunqandwe ukusabalala kwazo

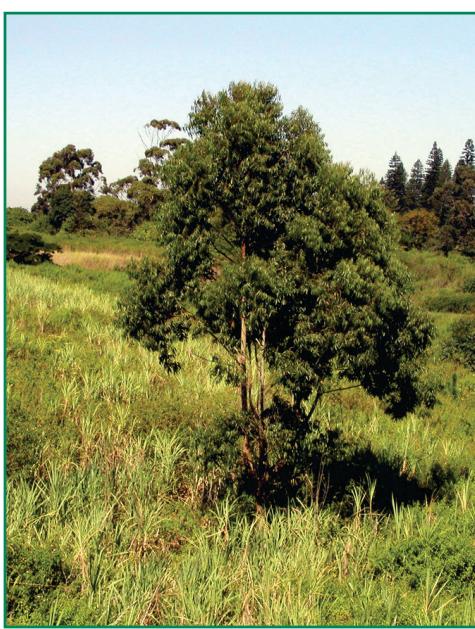
1. Ugwava
2. Uwatela
3. Indlulamithi
4. Uphaya



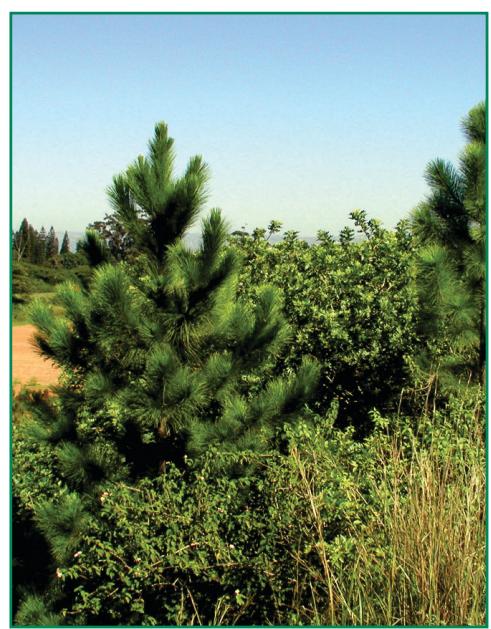
Ugwava



Uwatela



Indlulamithi



Uphaya

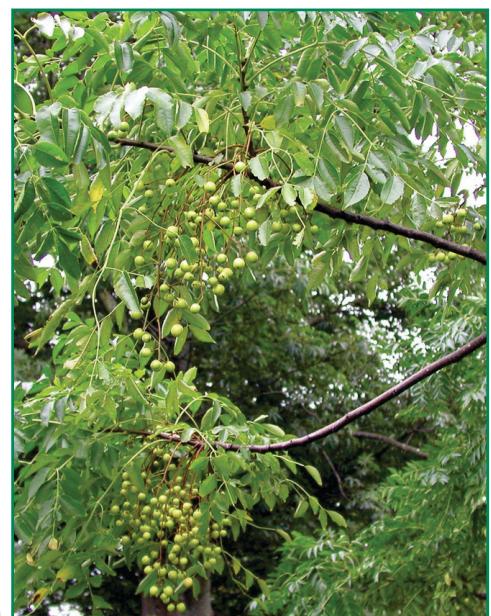
ALIEN PLANTS^{3c}

Ukuzikhomba

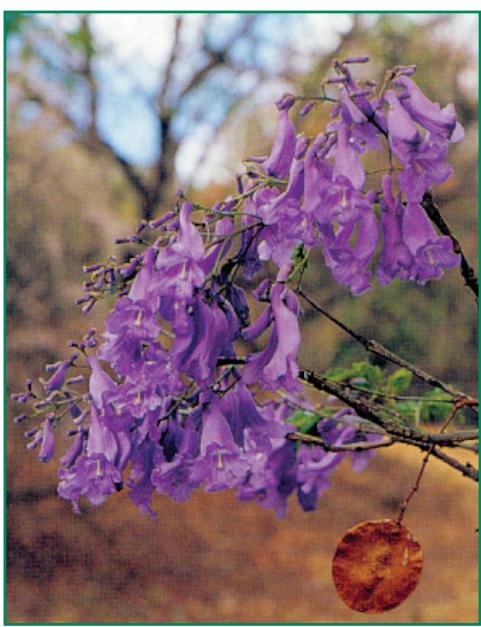
ISIGABA SESITHATHU

- **Ukudayiswa nokuqhutshekwa kokutshalwa kwazo akuvunyelwe**

1. Umsilinga
2. Ijacaranda
3. Loquat
4. Umalibhele



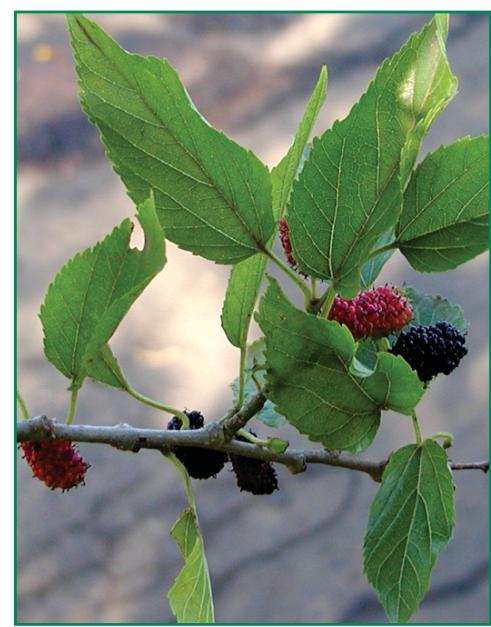
Umsilinga



Ijacaranda



Loquat



Umalibhele

ALIEN PLANTS

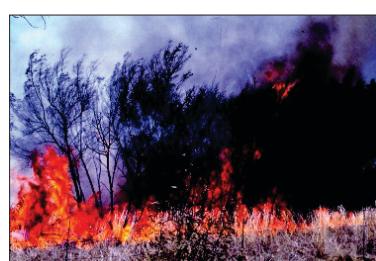
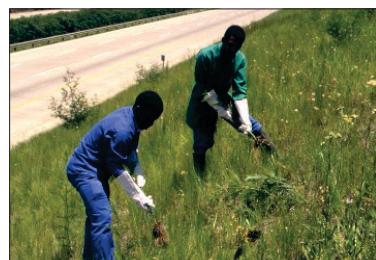
4a

Izindlela zokunqanda

• Ngezandla

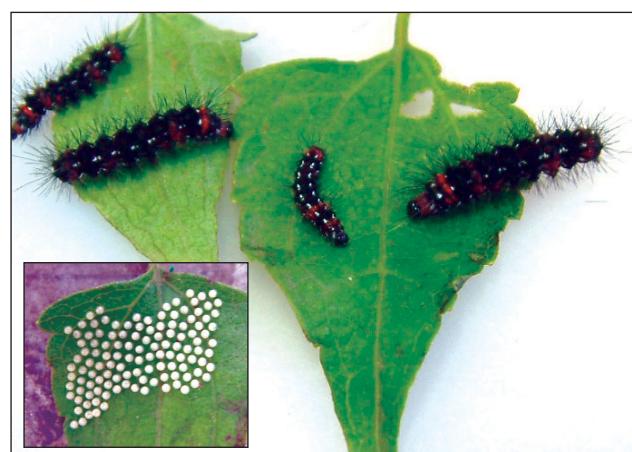
NGEZANDLA

- Ukusumpula izitshalo ngezandla
- Ukuhesha nokushisa
- Ukuxebula amagxolo



NGOKWEMVELO

- Ukusebenzisa izitha zemvelo
- Isebenza kakhulu uma izitshalo zicinene
- Zidla kuphela izifikanamthwalo hayi ezinye izitshalo



NGEMITHI

Ifakwa:

- Esihlahleni esinqunyiwe
- Esiqwini
- Emahlamvini



ALIEN PLANTS^{4b}

Impahla Engasetshenziswa

Ibhulashi lokupenda

- Lisetshenziswa ukugcoba izinqamu zezihlahla



Ucelemba

- Ukunqamula isiqu
- Ukuxebula amagxolo
- Ukuhesha iziahlahla ezicinene

Isigubhu saphoyizeni nenozolo

- Ukuchela izitshalo ezihluma kabusha
- Ukuchela amahlamvu
- Nezingamu zezihlahla



Ukususa lezi ezihluma kabusha

- Ziheshe iziahlahla ezicinene ebusika
- Chela lezo ezimila kabusha entwasahlobo
- Lezo ezimila kabusha kumele zichelwe ngesikhathi sezifika edolweni
- Ukuhesha makulandelwe ukuchela ngomuthi



ALIEN PLANTS

5

Izigaba Zokunqanda

Zonke izigaba zidinga uhlelo lokulandela

Isigaba sokuqala

Ukunqanda okuncane

- Uma izinhlaseli zingeningi
- Kushibhile futhi kulula



Isigaba sesibili

Ukunqanda okuphakathi nendawo

- Susa izithombo kanye nalezo ezimilayo futhi



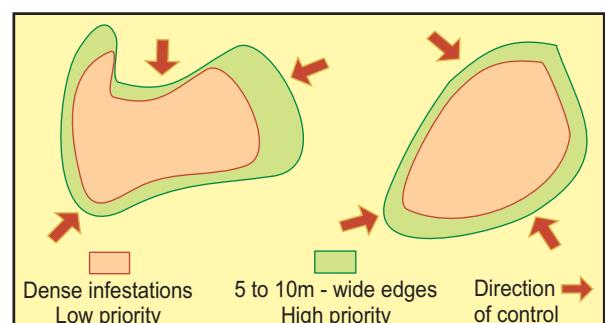
Isigaba sesithathu

Ukunqanda okukhulu

- Nqanda ezinkulu izitshalo
- Lezo ezikhulile zizokhiqiza imbewu
- Qala kuphela uma sewuke wazinqanda ngezindlela ezingaphezulu



Confine edges of dense infestations



- Uma ungenayo imali zinqande onqenqemeni lapho ziningi khona



- Khuthaza ukukhula kotshani, ukuze umhlabathi ubuyele esimweni sawo okuzovimba ukuguguleka komhlabathi



ALIEN PLANTS⁶

Ukunakekelwa nokusetshenziswa kwemithi

- Qiniseka ukuthi hlobo luni iwasitshalo
- Khetha umuthi ofanele
- Khetha indlela okuyiyonayona yokuchela umuthi
- Imithi iyingozi futhi iyabiza ngakho fundisia ilebula
- Abantu abasebenzisa lemithi kumele baqequesheke kulokho
- Xuba imithi ngokufanele
- Sebenzisa amanzi ahlanzekile
- Gqoka impahla ekuvikelayo ngasosonke isikhathi
- Gcina imithi endaweni evalekayo nephephile
- Shisa izitsha ebeziphethe imithi

