

# GMO, YE NNGWE YA DIDIRIŠWA TŠA BIOTEKHNOLOTŠI



## MABONI MMATLI

Mo kgatišong ya go feta, re boletše gannyane ka theknolotši yeo e phelago (biotheknolotši) le ka fao e tsebegang ka gona magaeng le metseng ya borena. Bofelong bja yona, re tshepišane gore kgatišong ya go latela, re tlo bolela ka

ye nngwe ya ditšweletšwa tša yona – Genetically Modified Organisms (GMOs).

Naa diGMO ke eng? Tšona ke diphedi (diphooftolo goba mehlare) tše boramahlale ba ralokileng ka ditlabela tša leabelo (genetic material), ka tšomiso ya ‘genetic engineering techniques’, go

tšweletša moholatsoko go tla go thuša batho. Diphedi tše di napile di šomišwa go tšweletša dihlare, dijo le tše dingwe tša go kaonafatša maphele a ren. Ye mengwe ya mehlala ke dienywa tša go hloka peu, merogo ya go se jewe ke dikhunkhwane, katse ya go hloka boy, le tše

dingwe.

Diphedi tše di fetolwa gore di kgone go tšweletša seemo le go kgotsofatsa dinyakwa tša ditshaba. Ka ge re phela nakong ya boso bja go makatša, tikologo e fetoga ka lebelo mola phetogo ya kgato ka kgato (evolution) e tše nako go tšweletša. Gabjale, theknolotši ye e dira gore diphedi di kgone go kgotlelela le go phologa diphetogo tša leratadima. Ka theknolotši ye, re kgona go tšweletša bolemi bja puno e ntši ka tšelete ya fase gore re kgone go humana dijo ka theko ya

fase. Dimela tše di kgona go gola ka bonako ka fase ga maemo a mathata mola ka tlhago di be di ka se kgone go tšweletša dijo tša maemo a godimo tša go hlweka ka difepammele (nutrients) tša go lokela mmele. Ye nngwe ya ditšomiso tše tša theknolotši e bitšwa xenotransplantation. Go yona, go šomišwa diGMO go godisa ditho tše di tlo bjallollwang le go fiwa batho bao ba di hlokago (organ transplant),

Le ge maikemišetšo a thekhnolotši ye e le a go loka, ba AfricaBio ba na le dikgokgono ka yona. AfricaBio ke sehlopha sa maikemišetšo a go netefatša gore biotheknolotši e šomišwa ka tseba ya maleba le gore setshaba se humana tsebo ka thekhnolotši ye.

Bona ba re: “Batho ba go holwa ke diGMO, ke dikgwebo tše dikgolo tša biotheknolotši le tša bolemi. Gape diGMO di gobatša naga le maphele a batho”. Tše dingwe tša ditlamorago ke go tsena ga ditwatsi tše diswa tše pele di bego di se gona.

## NAA RE KA BA LE KOMELELO LE MAFULA KA NAKO E TEE?

## MABONI MMATLI

Ngwageng wa go feta, Aforika Borwa e be e le ntweng kgahlanong le komelelo le phišo. Boramahlale ba be ba re tše ke ditlamorago tša go ruthela ga lefase (global warming) yeo e tlišwago ke tšweletšo ya phetogo ya boso bja go makatša. Yona e hhaloswa bjalo ka phetogo ya boso nakong e telele yeo itlišang maemo a go makatša bjalo ka tlhokagalo ya pula lebaka le letelele, phišo ya godimo ya go feta setlwaedi le pula ye ntši ya go tliša mafula.

Ka ge Aforika Borwa e aparetšwe ke komelelo le mafula, a re boleleng ka tšona. Komelelo ga ya swanela go kwešiwa bjalo ka tlhokego ya pula feela eupša gape bjalo ka “tlhokego ya pula go lekana lebaka le letelele go feta ka mokgwa woo re holofelang le go tseba ka gona”. Yona e hlola bosenyi ka mokgwa wa go oketša kgonagalo ya tlholego ya mello ya tlhaga, e fokotša bokgoni bja go lweša mello ye, mehlare le diruiwa di hloka meetse, dijo tša humanega ka theko ya godimo. Se se dira gore malapa a aparelwe ke tlala le phepompe.

Ka se sebaka, re bona mafula ga a fediše komelelo!

ditabeng gore Gauteng e aparetšwe ke mafula. Naa mafula ke eng? Wona ke seemo seo re humanago meetse a khupetša lefase go feta ka mokgwa wa setlwaedi. Mafula ao re a bonang kua Gauteng a bitšwa ‘flash floods’. Wona a humana leina la wona go tšwa go lebelo. Pula e na ka maatla, meetse a ela ka lebelo moo e leng gore le ge a bonala e le a manyenyane, a na le maatla a go gogola dilo tša go imela bjalo ka koloi le mekhukhu. Tshenyo ya wona e ka ba tshenyagalelo ya phahlo, go loba magae le go loba maphele.

“Naa re na le mafula le komelelo ka nako e tee? Heee! Re phela nakong ya mehlolo!” Se se boletšwe ke mothotsoko letlakaleng la gagwe la Facebook.

Se se mo makaditšeg, ga se mohlolo. Mafula ga a fokotše goba go fetša komelelo ka gobane pula e na ka maatla, meetse a elela ka lebelo gomme a palelwa ke go tsenelela mobung efela a ela ka godimo a ya needing le dinokeng moo a tlieng go felela lewatleng. Gore komelelo e fele, meetse a swanetše go tsenelela mobung gore a kgone go fihlelwa ke dimela. Gabjale, tseba gore mafula ga a fediše komelelo!



### Borrow differently

by taking three easy steps that can boost your cash flow and help you manage your money.

1 Take out a Bayport personal loan

to fund larger expenses over a longer period of time.

2 Apply for a MY QUARTERLY BUDGET BOOSTER

for cash flow boosts every three months, to help keep you out of debt trouble.

3 Apply for a MY MONTHLY BUDGET BOOSTER

to take control of your cash flow, and avoid payday loans, through monthly cash boosts. 0% interest and no upfront fees.

Come talk to us  
87 Thabo Mbeki Drive  
087 287 4813  
[www.bayportsa.com](http://www.bayportsa.com)

your future now

**BAYPORT**  
FINANCIAL SERVICES