

PULA IMVULA

GROWING FOOD • PEOPLE • PROSPERITY



Diteko tsa mmu di ka dirisiwa go rulaganaya lenaneo la tiriso ya monontsha

MASIMO A DISONOBOLOMO LE A MMIDI A SETSE A ROBILWE MO DIKGALONG TSA GO UMA TSE DINGWE TSA KWA FOREISI-TATABOTLHABA. DISONOBOLOMO LE DISOYA KA BOPHARA MO MASIMONG A MAGOLO DI NEILE 2 T/HA MME LE 2,1 T/HA KA GO FAROLOGANA.

Mmidi o o jwetsweng morago ga nako e e rileng o supa maemo a bokana ba metsi a a leng 18,5% mo diakong ka nako ya go kwala athikele e. Diteko tsa go roba tse di tseilweng di supa bokana bo bo kwa godimonyana ga tekanyetso ya pele ya 6,4 t/ha e e tsweilweng ka maemo a bokana ba metsi a a ka nnang 25% mo tlhakeng.

Thobo ya mefuta e meraro e ya dijwalwa e e supilweng fa godimo fa e kwa godimo ga bokana ba bogare ba nakotelele ba 4,5 t/ha go 5 t/ha kgotsa tlase ga bo bo bonweng mo masimong a mmidi a a sa nosetsweng, mo ditlheng tsa go uma tsa maloba, tse di tseilweng di le bogodimo ba kgono ya

mefuta ya mebu e, e e leng mefuta ya botenggare go boteng ya Westleigh. Mefuta ya go oketsa bokana ba kumo e e ka bonwang ya mefuta ya dijwalwa tse e ne e ntse e tswelela go oketsa bokana ba kumo e e bonwang bo bo tlwaetsweng go ya le mekgwa ya go sua mmu e e diriswang, bokana ba metsi mo mmung fa go jwalwa mme tota le mokgwa o pula e nang ka teng.

Bokana ba kumo e e bonweng jaaka go supiwa fa godimo bo bonwe fa go dirisiwa mokgwa wa go sua mmu wa go fetola mmu gannyne fela fa disalela di tlogelwa mo mmung, ka go gagola mmu ka nako ya mafelolo a mariga mme go fudisa diruiwa gannyne pele ga tiro ya go o gagola. Bolaodi ba mefero bo rulagantswe ka tshwanno ka go dirisa lenaneo la kgasetso ya dikhemikale tse di kgonang ka nako ya go bonala ga dimela le fela morago ga go bonala ga dimela.



E kwadilwe ke morolatiro



Diteko tsa mmu di ka...



Itse mebu ya gago.



Tlhola ka go gata ka maoto a gago mo masimong le ka go lokela diatla tsa gago mo mmung.

Ke tiragalo e e siameng fa go tseiwa diteko tsa mmu ka ditlha tse di ka nnang tsa boraro go nna le kgopolo ya diphethogo tse di ka nnang teng tsa maemo a monontsha mo mmung. Gape go ka nna tshwanno go tsaya diteko tsa mmu mo nakong gare ga dikgwedi tsa Phukwi le Diphalane ka ngwaga o morago ga go bona thobo e e kwa godimo tota. Bokana ba kumo e e bonweng bo ka lekalekantscha le diteko tse di tselweng tsa pele, bokana ba monontsha o o dirisitsweng le bokana ba kumo e e bonweng go kgona go rulaganya lenaneo la tiriso ya monontsha la setlha se se latelang.

A ke tshwiisa go bona bokanagare ba kumo, kgono ya mafuta e mentshwa ya dijwalwa kgotsa ke dirisa monontsha jaaka ke tlwaele ka go dirisa maemo a bokana ba kumo e e ka bonwang fa ke dirisa dikgopolole tse di rileng? Lenaneo la thefosano ya dijwalwa le le dirisiwang, e le sekao, ka go dirisa disoya, mmidi le disonobolomo go tlaa tlhotlheletsa tshwetseng ya gago ya tiriso ya mofuta wa monontsha o o tshwanetseng le bokana bo bo ka dirisiwang.

DITEKO TSA MMU TSA PELE

Bona Thulaganyo ya 1 e le sekao sa ditswamorago tsa diteko tsa mmu fa di supiwa ka dimika tsa mebala gore papiso ya mmu wa gago e kgone go bonwa e le papiso le maemo a maikaelelo a a siameng. Jaaka go lemogwa go na le ditlhakatlha tsa data tse dintsi tse molemirui yo a ise a tlwaele a tshwanetseng go di lebelela go kgona go rulaganya teko ya lenaneo la tiriso ya monontsha.

Sekao sa pego ya teko ya mmu ya ARC e e tlwaetsweng.

ARC-SMALL GRAIN INSTITUTE Soil Analyses Laboratory Private Bag X29 Bethlehem 9700		TeL:	058 307 3501	Name: Address:	Farm: Fax No.: Tel No.: Cell No:	Test reference: Date received: Date completed: Agent reference:
						2020-G-52 05/07/2020 07/07/2020
Sample number				506 L1	507 L2	508 L3
Sample reference				509 L4	510 L5	511 L6
NORMS						
Description	Extremely Acid	Very Strongly Acid	Strongly Acid	Acid	Medium Acid	Slightly Acid
% SV	> 60	50 - 60	40 - 50	30 - 40	20 - 30	10 - 20
pH (KCl)	< 5.5	5.5 - 5.8	5.9 - 4.0	4.1 - 4.2	4.4 - 4.5	4.6 - 5.0
Description	Slightly Acid	Slightly Acid	Neutral	Slightly Alkaline	Alkaline	Medium Alkaline
pH (KCl)	5.1 - 5.5	5.6 - 5.9	6	6.1 - 6.4	6.5 - 7.0	7.1 - 7.5
N						
	Result as % of CEC	Low	Medium / Ideal	Medium-High	High	
Na						
P	mg/kg	< 15	15 - 25	25 - 35	> 35	10,30
Ca	mg/kg	55 - 75	< 200	200 - 400	400 - 800	1 175,00
Ca - CEC %		< 60%	60 - 70%	71 - 75%	> 75	85,00%
Mg	mg/kg	20 - 30	< 40	40 - 80	80 - 120	100,00
Mg - CEC %		< 10%	10 - 20%	21 - 26%	> 26%	12,00%
K	mg/kg	6 - 12	< 60	60 - 80	80 - 120	120,00
K - CEC %		< 2	2 - 5%	6 - 8%	> 8%	3,00%
Na	mg/kg	< 5	< 10	10 - 30	30 - 50	> 50
Na - CEC %		< 5	0,5 - 3%	3,1 - 6%	> 6%	0,00%
US						0,00
SV	%					
Ca/Mg		< 3	3 - 4,33	4,33 - 6,9	> 7	7,16
(Ca + Mg)/K		< 10	10 - 20	21 - 29	> 30	35,63
KUK / CEC						6,91
Clay / Kiel	%					3,32
Zn	(HCl)		< 1,5	1,5 - 2,0	2,0 - 4,0	> 4,0
C	%					7,00%

Ditshupetso tsa go dirisa monontsha tsa mmidi.

Chart created by Agrimatrix Maize fertilisation guidelines - based on FSSA guidelines											
NPK – removal by maize per ton of marketable product – replacement maintenance											
N	P	K	S	Comments							
Grain only	15	3	3,5	4							
Stalks and cobs	12	1,5	16,5								
Total	27	4,5	20								
Yield target	2	3	4	5	6	7	8	9	10	10+	
Recommended kg N/ha	20	45	70	95	123	145	170	195	220	20 + 20 / %	
Recommended kg P/ha											
Bray 1	Isfei										
0 - 4	20	42	65	88	109	130	130	130	130	130 +	
5 - 7	3 - 2	31	47	63	78	90	93	95	97	97	Suboptimal - P - P - Build up + Maintenance
8 - 14	1,5	16,5									
15 - 20	13	19	30	42	56	59	64	67	68	68 +	
21 - 27	10	13	21	29	36	42	47	50	53	53 +	
28 - 34	7	10	15	19	26	31	34	38	41	41 +	Optimal soil - P
Recommended kg K/ha											
Soils with 25% Clay or more											
NH ₄ OAc	Isfei										
< 40	30	16	30	44	58	71	86	100	114	128	128 +
40	35	5	16	27	38	49	60	71	81	93	93 +
60	53	0	9	19	30	40	49	59	67	78	78 +
80	70	0	5	13	22	3'	40	49	57	67	67 +
100	88	0	0	9	17	25	33	41	48	57	57 +
120	105	0	0	6	13	20	27	34	41	48	48 +
140	123	0	0	5	11	17	23	29	35	41	41 +
160	140	0	0	5	10	15	20	25	30	35	35 +
Soils with < 25% Clay content											
NH ₄ OAc	Isfei										
0	10	19	28	37	46	55	64	73	82	82 +	
20	18	0	11	20	26	38	47	56	64	73	74 +
40	35	0	5	13	23	30	39	47	56	64	64 +
60	53	0	0	8	16	24	32	40	48	56	56 +
80	70	0	0	5	12	20	27	35	42	50	50 +
100	88	0	0	0	10	17	24	31	38	45	45 +
120	105	0	0	0	8	15	21	28	34	41	41 +

Teko e nngwe le e nngwe ya mmu e tlaa nna le dithulaganyo tse di farologaneng fa di neiwa ke laboratori go ya le diteko tse di kopilweng ke molemirui, moemedi kgotsa morekisi wa menontsha. Go botoka go dirisa laboratori e le nngwe ka mengwaga e mentsi gore diteko tsa mmu, dikatlanegiso mabapi le monontsha le ditswamorago tsa go uma di kgone go bapsiwa ka go tshwana le ka bonnete go kgona go tsaya ditshwetso di nsiameng. Ka dinako tsotlhe go eletsegia go dirisa baemedi ba ba itsegeng, ba ba nang kitso go dira dipapiso ba ba ka botsang baitsembebu ba bona go tlalosa dintilha tsotlhe fa ba atlanegisa thulaganyo e e rileng.

Fa o loketse kalaka mo masimong kgotsa mo kgaolong ya polase go botlhokwa go bona gore maemo a pH mme jalo le maemo a kotlo mo mmung a fetogile jang, mme o fetole lenaneo la tokelelo ya menontsha go tsamaelana le phethogo e. Maemo a pH mo diteko tse di filweng a ka bonwa a siame tota go uma tlhaka go tswa mo lenaneo la go lokela kalaka nakotelele. Tiro ya go lokela kalaka e tshwanetse go dirwa fela morago ga go lekalekantsa maemo a dišhelete tse di dirisiwang ka gore mosola wa go lokela kalaka o tlaa banalva fela morago ga dithla tse tharo. Fa madi a a ka dirisiwang a lekalekane, bogolo dirisa lenaneo le le atlanegilweng jaaka go le tlwaelo. Fa go dirisiwa kalaka mo mmung o o nang kgone e e kwa godimo ka nnete go ka oketsa bokana ba kumo e e ka ungwang ka ditono tse di rileng ka heketara.

Thulaganyo ya 1 e tshwanetse go go kgothatsa go botsa morekisetsi kgotsa moitsembebu wa gago mabapi le dintilha tse o ka tshwannang go di eli tlhoko go oketsa maemo a kotlo mo mmung wa gago mme jalo le kgono ya mmu go oketsa kumo e e ka ungwang.

Go atlanegiswa go tsaya diteko tsa mmu ka dikgwedi tsa Phukwi le Phatwe gore laboratori e kgone go fetsa diteko pele ga nako ya kgatelelo.

DIKATLANEGISO MABAPI LE MONONTSHA

Ka go arabu potso e e boditsweng mo matsenong a athikele e go bonega e kete go na le tumelano gare ga barekiseti ba menontsha le baemedi ba bona gore fa o kgonne go bona bogare ba 6 t/ha ba mmidi, o tshwanetse go tswelela go dirisa lenaneo la monontsha go bona bokana bo. Fa go na le ngwaga e pula e nang ka tshwanno o ka kgona go bona bokana bo bo lekaneng le bokana bo o bo boneng ka ngwaga o.

Tsweetswe, lebelela **Thulaganyo ya 2** go bona maemo a mefuta e e farologaneng ya kotlo e e tlhokiwa go uma bokana ba kumo ka heketara bo bo farologaneng.

Go botlhokwa go itse gore laboratori e o e dirisang e dirisitse mokgwa ofe go lekalekantsa dirwe tse di farologaneng le dintilha tse dingwe tsa mmu wa gago. Katlanegiso e rulagantswe mo go lekeng go buseta kotlo e e tlaa tloswang mo mmung mme ya dirisiwa ke tlhaka e e tserweng. Lebelela kgaolo e e supang tlosa ya kotlo ke tlhaka fela kgotsa tlhaka le manono le diako. Fa o ya go sila disalela kgotsa o ya go di ngata tsotlhe, o tlaa tshwanela go fetola bokana ba monontsha ka go o oketsa gore o se fokotse bokana ba kotlo mo mmung go feta. Go tlaa bonalwa mo dijwawleng tse di latelang fa go se na kotlo ya mefutafuta e e lekaneng. Dipalo tse di fiwang di supa dikilogramma tsa kotlo tse di tlositsweng ka tono e nngwe le e nngwe ya mmidi e e tswerweng.

Thulaganyo ya 2 e rulagantswe ka bophara mo tekong ya mmu ya mokgwa wa Bray 1 e e supang dikgaolo tse di ka nnang 26 (dippm) mo milioneng tsa fosofate (P), dippm tse 80 tsa potasiamo (K), mme tlase ga 25% tsa maemo a mmopa mo mmung. Ntlaa ya go uma ke 6 t/ha mo masimong a a sa nosetsweng.

Lenaneo la tiriso ya monontsha la go bona ditono tse 6 ka heketara le tlaa tlhaka ka bonnye dikilogramma tse 120 tsa naiterojene (N), dikilogramma tse 26 tsa fosofate (P), le dikilogramma tse 20 tsa potasiamo (K) ka heketara. Ga go atlanegiswe go lokela go feta dikilogramma tse 50 tsa naiterojene ka nako ya go jwala go fisega le tshenyego e nngwe ya peo. Peo ya mmidi e ka jwala ka tlhakathakanyo ya monontsha e e leng 50 kg N, 26 kg P le 20 kg K ka heketara. Ka tlwaelo tlhakathakanyo e e tlaa nna le senke le dikgaolokotlo tse dingwe fa di tlhokiwa. Dikilogramma tse 70 tsa N tse di sa tlhokiwang di ka lokela e le tokelelothoko mo meleng fa dimela de le botelele bo ka nnang disentimetara tse 10 ka mathlare a a ka nnang gare ga dipalo tsa 8 le 14 mme pele di nna botelele ba go lekana le fa lengole la gago le leng teng. Go tlaa tila tatlhego ya N e e tlhokiwang ka ntlaa ya go nyelelela mo mung fa go fithelwa go lekana ga yona mo mmung nako e telele. Bontsi ba N bo ka latlhegwa mo bekeng e le nngwe fa maemo a le go lekana go feta ga yona mo mmung.

Jaaka go ka bonwa kgaolokotlo 'e e lebetsweng' ya sebabole (S) e tlosiwa kgotsa e tlhokiwa ka maemo a a leng 4 kg/ha. Dikhampani tse dingwe di rekisa tlhakathakanyo e e nang sebabole, mme go atlanegiswa go lokela tlhakathakanyo ya kotlo e e nang naiterojene le sebabole e e ka tseiwing ka bonako ka fa thoko mo meleng.

Buisana le moemedi wa morekisetsi wa monontsha wa gago kgotsa botsa gore go na le dintilha tsa tiriso tse dingwe dife. Balemirui ba bangwe ba lokela dikgaolokotlo tsotlhe ka nako ya go jwala mo matsatsing a segompieno mme ba tsvelela go nna le mathata a go latlhegwa ke naiterojene. Ka fa gongwe, jaaka go diragetse ngogola, balemirui ba ne ba sa kgone go tsena mo masimong, ka ntlaa ya bontsi ba pula e e neleng, go lokela tokelelothoko ya N e e neng e tlhokegwa. Bothokwa bo bo supiwa mo diakong tsa bobedi kgotsa sa boraro tse di se nang tlhaka mo kgaolong ya boraro ya kwa godimo ya diako tse di omileng fa di robuiwa. Mokgwa o o tshwanetse go supiwa pele o lokelwa.

Mekgwa e e tlhalositsweng fa godimo fa e ka dirisiwa fa go jwala mefuta e mengwe le e mengwe e e farologaneng ya dijwalwa.

BOKHUTLO

Tlhaloganya diteko tsa mmu tsa gago gore o kgone go dirisa monontsha ka kgono go bona bontsi ba kumo e e ka bonwang ka sethla se se latelang. ■

Tlhotalheletso ya Covid-19 mo ditlhotlhawatshimologo jaaka di farologana

MERAFFE MO LEFATSHENG KA BOPHARA E NTSE E LWANTSHA MOGARE WA COVID-19, MME FA NTLHATHAKANELO E NTSE E LE BOITEKANELO, DINTLHA TSA EKONOMI LE BOAGO DI TLHAKATLHAKANE. GO TLA KA NAKO E EKONOMI MO LEFATSHENG KA BOPHARA E SETSE E IKETLILE.

Go tloga Mopithwe 2020 fa mogare o simolotse go tsenelela mo Aforikaborwa, ranta e wetse tlasetlase. Gape, re bone phuthamoa ya tlhotlhwa ya oli e tlisitsweng ke notelelo mo lefatsheng ka bophara. Dintlha tse di na le ditswamorago tse dikgolo mabapi le tlhotlhwa ya thomeloteng ya dikhemikale le monontsha.

Oli e tsamaelana gagolo le tlhotlhwa ya ditokelelo. Tota le pele ga Covid-19, re bone kabelo go feta kopo mo dimarakeng tsa oli. Jalo, mafatshe a a kwa ntle ga mafatshe a OPEC le a a leng mo tumelong ya OPEC a ne a sa kgone go bona tumelano fa Russia e ne e gana go tshegetsa phokotsa ya tlhotlhwa e nnye fela. Ka dikgwedi tsa Mopitlw le Moranang 2020, fa mogare wa Covid o simolotse go Iwadisa batho ba bantsi, mme wa gateleta notelelo, mo go tlisitseng go wela tlase ga tlhotlhwa ya oli jaaka go ise go bonwe pele. Ntlha e ya gateleta mafatshe a OPEC go kopana gape ka kgwedi ya Moranang fa a dumelana go fokotsa bokana ba oli e e pompiwang gape. Tiragalo e ya tlisa koketsosya tlhotlhwa ya oli go tloga mathomo a kgwedi ya Motsheganong 2020. Ranta e fokotsegile ka 25,6%, go tloga Motsheganong 2019 go fithelela Motsheganong 2020, mme ditswamorago tsa phokotsos e di kgona go bonwa mo koketsong ya tlhotlhwa ya dikhemikale le monontsha go ya ka tlhotlhwa ka diranta.

TLHOTLWA YA DIBOLAYADITSHENEGI

Fa re lebelela tlhotlhwa ya dibolayaditshenekegi go tloga Motsheganong 2019 go fithelela Motsheganong 2020, re bona phokotsa ya tlhotlhwa ya dibolayaditshenekegi ka bontsi go ya ka tlhotlhwa ka ditolara; ka Lambda-cyhalothrin (42,6%), Imidacloprid (29,6%), Cypermethrin (28,2%) le Acetamiprid (26%) tse di supang phokotsos e kgolo. Fa re lebelela maemo a tlhotlhwa ya ditokelelo go ya ka ranta, tse di latelang di supa phokotsa ka go tshwana, e le Lambda-cyhalothrin (27,9%), Imidacloprid (11,5%), Cypermethrin (9,9%) le Acetamiprid (7%). Tse dingwe di supa koketsosya tlhotlhwa, re bona koketsosya fithelela 17,1% ya Chlorpyrifos, mme go tsamaelana gagolo le phokotsosya tlhotlhwa ya ranta.

TLHOTLWA YA DIBOLAYAMEFERO

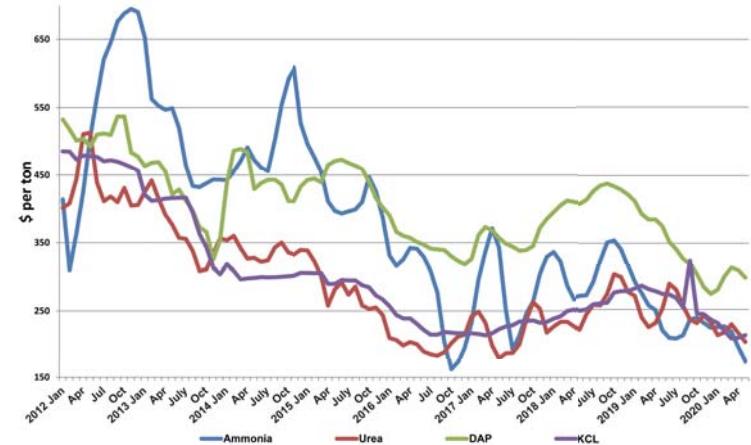
Tlhotalheletso ka ngwaga le yona e supa phokotsosya go tloga Motsheganong 2019 go fithelela Motsheganong 2020 ka ntlha ya ditswaki, kwa ntle ga Glyphosate le Trifluralin tse di supang koketsosya go ya ka tolara. Go ya ka ranta, re bona phapaano; tlhotlhwa e supa koketsosya e e ka nnang 3% go 45% ka nako e e lekaneng, kwa ntle ga Atrazine, e e supang phokotsosya tlhotlhwa. Dikoketsosya go ya ka ranta di ka tlhomia mo phoketsong ya tlhotlhwa ya ranta.

Ikageng Maluleke, Raitsholelo wa Bolemi, Grain SA. Romela emeile go Ikageng@grainsa.co.za



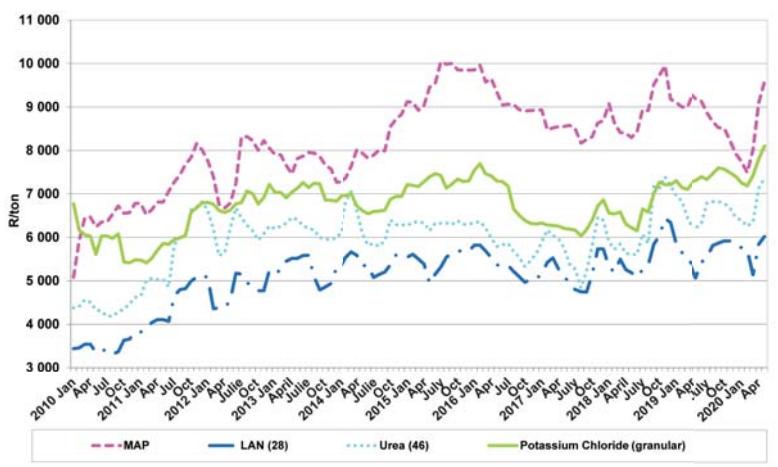
1

Tlhotalhwa ya monontsha mo lefatsheng.



2

Tlhotalhwa ya monontsha mo gae.



TLHOTLWA YA MONONTSHA

Tlhotalheletso go ya ka tolara go tloga Motsheganong 2019 go fithelela Motsheganong 2020 e supa phokotsosya ka bophara; tlhotlhwa ya KCL e fokotsegile ka 22,3%, go latelwa ke DAP ka 20,8%, mme Ammonia le Urea di phokotsegile ka 20,5% le 19,5% ka e nngwe le e nngwe. Go ya ka ranta, tlhotlhwa ya dikemikale tsona tse, tse di leng KCL, DAP le Ammonia e supa phokotsosya mme Urea yona e supa koketsosya e nnye bogolo ka ntlha ya phokotsosya tlhotlhwa ya ranta.

	Tlhophwa ya dibolayaditshenekegi mo lefatsheng – diphethogo go ya ka ngwaga le ngwaga (\$/t)			Tlhophwa ya dibolayaditshenekegi mo lefatsheng – diphethogo go ya ka ngwaga le ngwaga (R/t)		
	Motsheganong 2019	Motsheganong 2020	Phethogo ka %	Motsheganong 2019	Motsheganong 2020	Phethogo ka %
	USD/t	USD/t	%	R/t	R/t	%
Imidacloprid (95%)	23 262	16 383	-29,6	335 440	296 698	-11,5
Lambda-cyhalothrin (95%)	48 822	28 017	-42,6	704 009	507 385	-27,9
Carbofuran (99%)	16 331	14 732	-9,8	235 489	266 802	+13,3
Deltamethrin (98%)	89 688	79 770	-11,1	1 293 303	1 444 629	+11,7
Acetamiprid (95%)	23 984	17 759	-26,0	345 851	321 612	-7,0
Chlorpyrifos (95%)	6 800	6 341	-6,8	98 056	114 828	+17,1
Cypermethrin (94%)	17 775	12 756	-28,2	256 312	231 019	-9,9
R/\$	14,42	18,11	25,6			

Motswedzi: Grain SA

	Tlhophwa ya dibolayamefero mo lefatsheng – diphethogo go ya ka ngwaga le ngwaga (\$/t)			Tlhophwa ya dibolayamefero mo lefatsheng – diphethogo go ya ka ngwaga le ngwaga (R/t)		
	Motsheganong 2019	Motsheganong 2020	Phethogo ka %	Motsheganong 2019	Motsheganong 2020	Phethogo ka %
	USD/t	USD/t	%	R/t	R/t	%
Glyphosate (95%)	4 014	3 299	-17,8	57 878	59 743	+3,2
Acetochlor (92%)	3 190	3 314	+3,9	45 998	60 017	+30,5
Atrazine (97%)	3 378	2 406	-28,8	48 705	43 570	-10,5
Metolachlor (97%)	3 551	3 287	-7,4	51 204	59 519	+16,2
Trifluralin (95%)	5 645	6 520	+15,5	81 398	118 069	+45,1
R/\$	14,42	18,11	25,6			

Motswedzi: Grain SA

*Data jaaka ka Motsheganong 2020

Bogare ba tlhophwa ya monontsha go ya ka ranta ka nako ya Seetebosigo 2019 go fithelela Seetebosigo 2020, bo supa phapaano go ya ka tlhophwa mo lefatsheng ka bophara mme e supa koketso ya tlhophwa ya monontsha ya mo gae ka yona nako e; Urea (10,2%), LAN (5,8%), le KCL (1,1%), mme MAP ke yona fela e e supang phokotso e nnye e e ka nnang 1,3%.

BOKHUTLO

Ga re itse gore dilo di tlaa felela jang kgotsa leng mabapi le mogare wa Covid-19, le gale, re setse re bona gore ekonomi mo lefatsheng e

ntse e gatelelwia tlase. Go tlisetsa dipelaelo tse dintsi mo mafelong a dimaraka. Tlhophwa ya dikhemikale le monontsha mo lefatsheng ka bophara e kwa tlase ka ntlha ya dipelaelo mabapi le go jwala mme tota le kabelo go feta ya ditokelelo tse dingwe; ntlha e le nngwe fela e e ka tsholetsang Aforikaborwa ke ranta e e nang maatla, mo go ka nayang balemirui tokololo. Tlhophwa ya oli, e gape e nang kutlwalo go ya le tlhophwa ya ditokelelo, e ka sala e gatelela tlhophwa ya ditokelelo go ya godimo. Se se leng senotlolo go setlha sa go uma sa selemo ke maemo a ranta mabapi le ditšelete tsa mafatshe a mangwe, tota tolara. ■



*A dream does not become reality through magic;
it takes sweat, determination, and hard work.*

~ COLIN POWELL, FORMER US DEFENSE SECRETARY



Tlhokomela madi a gago o falole

KA NAKO YA GO KWALA ATHIKELE E GO SETSE GO BONALWA GORE AFORIKABORWA E MO MATHA-TENG A DITŠHELETE KA GO MENAGANE MME GO GOROGILE NAKO YA MATHATA KA 2020 MO GO TLAA NNANG LE DIPHETHO GO BALEMIRUI BA RONA, TOTA BA BA DIRISANG DIKGAOLO TSA NAGA TSE DINNYE.

Balemirui ba bantsi ba sa bona mathata mabapi le maemo a ditšhelete a tlisisweng ke nako ya komelelo le tikologo e e kgatlhonong ya ekonomi ka ngogola. Ka lesego, tebelelopele mabapi le bokana ba thobo e e ka bonwang mo dikgaolong ka bontsi e siame mme letseno la madi le ka fokotsang kgatelelo mabapi le kelelo ya madi mo balemiruing ba rona.

Le gale, re tshwanetse go ithuta mabapi le mathata a a tlisisweng ke maemo a a supilweng fa godimo fa a ngogola mme eble a sa gatelela balemirui ba bangwe. Aforikaborwa ke lefatshe le le omeletseng mme le tlaa tswelela go nna jalo. Bogare ba bokana ba pula e e ka nang mo Aforikaborwa ka ngwaga e supiwa e le 464 mm ka ngwaga. Bapisa bokana bo ka bogare ba bokana bo bo leng 860 mm mo lefatsheng ka bophara. Phethogo ya maemo a tlelaemet e ka fetola ditlhaka tse mme go supiwa gore lefatshe la Aforikaborwa le tlaa tswelela go thithofala e bile le tlaa nna le omelela ka matsubutsu a a maswe ka dikgaolo tse di omeletseng gape le gape.

BOLAODI BA KELELELO YA MADI

Jalo, ke eng se nna ke le molemirui ke tshwanetseng go se dira? Oketsa bolaodi ba kelelelo ya madi ba gago, e le kgaolo e e nngwe ya go laola ditšhelete tsa gago. Go tlaa nna ntlha e le nngwe ya tlhaselo go balemirui ba botlhe – lebelo ntlha e le tlhaselo e e ka fengwang ka kgono e e rileng.

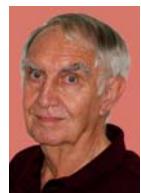
Tekanyetso ya kelelelo ya madi

Go laola kelelelo ya madi o tshwanetse go rulaganya tekanyetso ya kelelelo ya madi ya ngwaga o mongwe le o mongwe wa ditšhelete. Go se nne le setlhankana se o ka se kgone go laola kelelelo ya madi mo kgwebong ya gago. Jaaka lereo le supa ke setlhankana se se supang kelelelo ya madi, jalo fela fa madi a amogelwa kgotsa fa a tsena mo bankeng ya gago mme le fa a dirisiwa go duela sengwe kgotsa a tswa mo bankeng ya gago a a supiwa. Ka bonnete ba tiriso, fa o sa itse kgotsa o ise o rulaganya setlhankana sa kelelelo ya madi simolola go se rulaganya ka go bega kelelelo ya go tsena le go tswa ga madi a gago. Setlhankana se se tlaa tshegetsa gagolo thulaganyo ya tekanyetso ya kelelelo ya madi ya ngwaga wa ditšhelete o o late-lang. Ga go na mokgwa wa go rulaganya setlhankana sa kelelelo ya madi o o rileng, mme re file sekao sa setlhankana sa kelelelo ya madi mo athikeng ya pele. Tshupetso ya kelelelo ya madi e fiwa ka kgwedi le kgwedi gore o kgone go bona gore madi a makana kang a elelala mo kgeborg ya gago ka kgwedi e nngwe le e nngwe.

Ka gore go elelala ga madi ke nthla e e bo-tlhokwa thata ya go dirisa ga madi mo kgwebong ya bo-lemirui ya gago, tekatekano ya maemo a madi a gago mo bankeng ka kgwedi le kgwedi ke nthla e e bo-tlhokwa thata mabapi le kelelelo ya madi mo kgwebong ya gago.

Fa o kopanya maemo a tekatekano ya maemo a madi a gago mo banke-

Marius Greyling, Mokwadi wa Pula Invula. Romela emeile go mariusg@mrgacc.co.za



ng, go tlisa mosola ka fa thoko, go go gatelela go tlhokomela (go laola) ditlhankana tsa banka tsa gago ka go tswelela gape le gape.

Tekanyetso ya kelelelo ya madi e tshwara togamaano le bolaodi ba ditšhelete tsa kgwebo ya gago. Maikaelelo a le go supa go tlhokwa le go feta ga ditšhelete kwa pele, mme jalo go go naya kitso ya go laola kelelelo ya madi a gago – gakologelwa gore fa o sa lekalekantshe o ka se kgone go laola. Tekanyetso ya kelelelo ya madi jalo e dirisiwa e le motheo wa go go itsise botlhokwa ba tšelete ba mo kgwebong ya gago mme e supa fa o tlaa tlhoka go oketsa tšelete e o ka e dirisang kgotsa fa o tlhoka tšelete ya go tsweleletsa ditiragalo tsa bolemirui jaaka fa gongwe go tlhaloswa.

Setlhankana sa kelelelo ya madi

Setlhankana sa kelelelo ya madi gape se go lotlegela kitso e e bothhokwa mme se tlhalosa metswedi ya letseno le o le amogelang mme le nako e o le amogelang e le tšelete ka seatla. Kitso e e mosola le tlhaloso mabapi le ditshenyegelo gape ke dintla tse di mosola tse di ka tseiwang mo setlhankana sa kelelelo ya madi. Se araba potso e e bothhokwa thata ya gore a go tlaa nna tšelete e e lekaneng go duela ditshenyegelo fa go tlhogewa.

Fa go supiwa gore go tlaa tlhokwa tšelete o tlaa tshwanelwa go loga maano a go kgona go fenza ditlhaelelo tse. Ditshenyegelo tse dingwe di tshwanetse go duelwa fa go tshwanetse ka ntlha ya molao jaaka dituelo tsa badiredi ba gago. Fa gongwe o buisitse kgotsa o utlwile dikgang mo dikgweding tse di fetileng mabapi le bathapi ba ba neng ba sa kgone go duela badiredi ba bona ka mafelelo a kgwedi jaaka Denel. A lemogile pherethego e kgang e, e e bakileng? Tota ga o batle gore tiragalo e e wele kgwebo ya gago. Gape go supilwe gore motswedi wa mathata a a bakileng mathata a dikgwebo jaaka Eskom le SAA ke mathata a kelelelo ya tšelete – ke go tlhaela ga madi go bua nnene.

BOKHUTLO

Gakologelwa – fa o batla gore kgwebo ya gago e kgone, e tshwanetse go kgona mo dikgaolong tse tharo. Maemo a madi a a supiwang mo setlhankaneng sa tekatekano a tshwanetse go supa palokoketso, a supe gore o na le thoto ka bokana ba go feta ka bobedi melato ya gago. Gape, la bobedi, o tshwanetse go bona poelo – bokana ba letseno bo tshwanetse go feta bokana ba ditshenyegelo jaaka go supiwa mo setlhankaneng sa letseno. La boraro, o tshwanetse go nna le kelelelo ya madi e e lekaneng jaaka go supiwa mo setlhankana sa kelelelo ya madi ka kelelelo ya madi e e ka nnang maemo a le 120%.

Kelelelo ya madi e sala e le botlhokwa ka dinako tsotle mme e ntse e tlhokomologwa ke balaodi ba bantsi. Diphethogo tse dintsio tse tikologong ya bodirisi ba bolemirui jaaka phethogo ya tlelaemet, tiriso ya metshene, tswelelo ya tiriso ya dikhomphiutara, kgatelelo go tswa kwa badiris ba kumo go amogela dijо tse di siameng tse di ungwang ka tshwanno, mme le diphethogo tse dingwe, kwa mafelelong di tlaa gatelela balaodi ba dipolase go laola kelelelo ya madi ka tshwanno. Se nne bosilo. Amogela thuto mabapi le kelelelo ya madi mme simolola go e dirisa jaanong-jaana.

Tlhokomela tšelete ya gago mme e laole go ya le tekanyetso ya kelelelo ya madi ya gago fa o rata go tswelela go phela o le molemirui. ■





'Ntshetsang Kaisara tse e leng tsa Kaisara' – jalo, re a reng ka go ikwadisa go duela VAT?

GO E IKWADISA GO DUELA LEKGETHO LA VAT KGOTSA NNYAA KE BOTHATA GO BA BA SIMO-LOLANG LE BA DIKGWEBO TSE DINNYE. GO NA LE MELAO LE MELAWANA E MENTSI E E TSENELETSENG E E TSAMAE LANANG LE TUE-LO YA VAT E E DIRANG GORE GO NNE BOKETE FA WENA KA BOWENA O BATLA GO LAOLA TUELO E. GO BOTOKA GO BUA LE MORULAGANYI WA DIBUKA TSA GAGO MABAPI LE DITSWAMORAGO TSA FA O KWADISA KGWEBO YA GAGO GO DUELA VAT KGOTSA NNYAA.

VAT KE ENG?

Lekgetho la koketso ya tlhotlhwa (VAT) ke lekgetho la tiriso. Ke tuelo e e duelwang fa dilo di duelwa kgotsa fa tiro e e dirwang e duelwa ke bakgwebi ba ba ikwadisitseng go duela VAT. Nnnete ke gore, fa o ikwadisa go nna mokgwebi yo o duelang VAT o nna moemedi wa Banka ya Ditiragalo tsa Revenue ya Aforikaborwa (SARS). O phuthela SARS lekgetho la VAT, le o le e duelang. Go tloga 1 Moranang 2018 dilo le ditiro tsotlhe di tlhomilwe go duela 15% ya tlhotlhwa ya tsona.

Fa o ikwadisa go duela VAT, o tshwanetse go oketsa tlhotlhwa ya go rekisa ya dilo le kumo ya gago, mme le ditiro tse o di dirang o duelwa, ka 15%. Fa o rekisa kgogo ka tlhotlhwa e e leng R100, o tshwanetse go oketsa tlhotlhwa ka R15. Moreki o tshwanetse go duela R115, R100 ke ya gago mme R15 e tshwanetse go boela kwa SARS fa o rulaganya dibuka tsa gago tsa go duela VAT ka kgwedi le kgwedi. Le bitswa **lekgetho la go ntshetsa**.

Gape o ka tleleima pusetso ya VAT go tswa kwa SARS. Tleleime e, e ka nna VAT e wena o e duetseng fa o reka dilo kgotsa fa o duela ditiro tse o di diretsweng. Fa o rekile kgetsi ya dijo tsa dikgogo tse di beelang mae tsa gago, o tshwanetse go duela 15% ya VAT fa o e reka. Fa o ikwadisa go duela VAT, o ka romela setlhankana sa tuelo mme wa tleleima gore 15% eo e busetswe go wena. VAT ya mofuta o, e wena o e duelang fa o reka dilo, e bitswa **vat ya tokelelo**.

Go balabala VAT e wena o yang 1) go e duela SARS, kgotsa 2) go e tleleima go busetswa ke SARS, o goga VAT ya tokelelo mo VAT ya go ntshetsa:

Jenny Mathews, Mokwadi wa Pula Imvula. Romela e meile go jennymathews@grainsa.co.za



- Fa VAT ya tokelelo e feta VAT ya go ntshetsa, o tshwanetse go duela SARS.
- Fa VAT ya go ntshetsa e feta VAT ya tokelelo, o tshwanetse go romela tleleime go SARS gore e e busetse go wena.

KE BOMANG BA BA TSHWANETSENG GO IKWADISA GO DUELA VAT?

Go dikgwebo tse di nang kelelo ya madi e e leng tlase ga diranta tsa milione e le 1 ka ngwaga, go ikwadisa go duela VAT ga go gatelelw, ke go re ga o a gatelelw go ikwadisa go nna mophuthi wa VAT, mme o ka ikwadisa fa o rata. Fa kelelo ya madi mo kgwebong ya gago e feta milione e le 1 ka ngwaga, ga o na maemo a go se ikwadise go duela VAT.

DIBELEBEJANE TSA GO IKWADISA GO DUELA VAT

O tlaa tshwanelwa go dirisa nako e ntsi go bega ka go tsenelela bolaodi ba tiriso ya madi a gago.

- Ditshupetso tsa VAT di tshwanetse go romelwa gape le gape, ka tlwaelo ke ka kgedi ya bobedi le ya bobedi.
- Fa o sa ikwadise go duela VAT, o ka kgona go tila mathata a kelelelo ya madi a go duela VAT a a tlisang.
- VAT e duelwa ka setlhankana. O tshwanetse go netefatsa gape le gape gore dintlha tsotlhe mo setlhankaneng se sengwe le se sengwe jaaka leina la gago le palo ya lekgetho ya gago mme le dipalo tsa VAT di le tsa nneta, ka gore fa go sa nne jalo tleleime ya gago mo setlhakaneng seo ga se ya nneta.
- Fa o rometse setlhankana sa madi a mantsi ka kgaolo ya nako ya dikgwedi tse pedi, o tshwanetse go duela SARS madi a a supiwang mo

PULA IMVULA

Barulaganyi

GRAIN SA: PRETORIA

PO Box 74087
Lynnwood Ridge
0040

■ 08600 47246
■ www.grainsa.co.za

MORULAGANYI WA PHATLALATSO

Liana Stroebel

■ 084 264 1422 ■ Kantoro: 012 943 8252
■ liana@grainsa.co.za

MOGATISANIMMOGO

INFOWORKS

Johan Smit ■ Ingrid Bailey ■ Marisa Fourie

■ 018 468 2716 ■ johan@infoworks.biz



Lenaneo la Tlhabololo ya Balemirui ya Batlhaka ya Afrikaborwa

MOKOPANYI WA TLHABOLOLO

Johan Kriel

Foreisetata (Ladybrand)
■ 079 497 4294 ■ johank@grainsa.co.za
■ Kantoro: 012 943 8283

Jerry Mthombothi

Mpumalanga (Mbombela)

■ 084 604 0549 ■ jerry@grainsa.co.za
■ Kantoro: 012 943 8289 ■ Smangaliso Zimbili

Jurie Mentz

Mpumalanga/KwaZulu-Natal (Louwsburg)
■ 082 354 5749 ■ jurie@grainsa.co.za
■ Kantoro: 012 943 8218

Graeme Engelbrecht

KwaZulu-Natal (Dundee)

■ 082 650 9315 ■ graeme@grainsa.co.za
■ Kantoro: 012 943 8287 ■ Nkosinathi Mazibuko

Luke Collier

Kapabothaba (Kokstad)

■ 083 730 9408 ■ luke@grainsa.co.za
■ Kantoro: 012 943 8280 ■ Luthando Diko

Liana Stroebel

Kapabophirima (Paarl)

■ 084 264 1422 ■ liana@grainsa.co.za
■ Kantoro: 012 943 8252 ■ Hailey Ehrenreich

Du Toit van der Westhuizen

North West (Lichtenburg)

■ 082 877 6749 ■ dutoit@grainsa.co.za
■ Kantoro: 012 943 8290 ■ Lebo Mogatlanyane

Cwayita Mpotyi

Mthatha

■ 078 187 2752 ■ umthatha@grainsa.co.za
■ Kantoro: 012 943 8277

PULA/IMVULA E TENG KA

DIPUO TSE DI LATELANG:

Setswana, Seësemane, Sesotho, Sezulu le Sethosa.

Articles written by independent writers are the views of the writers and not that of Grain SA.



'Ntshetsang Kaisara tse e...

setlhankaneng seo – kgotsa o amogetse tuelo e e supiwang mo setlhankaneng seo kgotsa nnyaa. Go na le ditswamorago mabapi le kelelelo ya madi mo dikgwebong tse dinnye – mme go oketsa mathata fa bakoloti ba gago (ba ba go kolotang madi) ba sa duele ka nako e tlhomilweng – kgotsa e seng ga gotlhe. O ka felela ka go latlheglwa ke madi ao mme wa nna le mathata a go kopa SARS go busetsa madi a VAT a a duetsweng mo mading ao.

- Fa o sa tshwanna go oketsa tlhotlhwa ya dilwana tsa gago tse o di rekisang ka VAT ya 15%, o ka kgona go gaisana le barekisi ba bangwe fa o rekisa dilwana ka tlhotlhwa e e kwa tiase ga tlwaelo.

MESOLA YA GO IKWADISA GO DUELA VAT

- Fa o kwadisa kgwebo ya gago go duela VAT go tlhomamisa maikaelelo a gore wena o mokgwebi tota mme o dirisa bokgwebo ka go gakalela ditiragalo tsa kgwebo ya gago.
- Fa kgwebo ya gago e le kgwebo e e dirisang madi ka go tsenelala kelelelo ya madi mo kgwebong ya gago e ka tlhola e gatelelwa ke letsapa fa o sa kwadise kgwebo ya gago go duela VAT ka gore ga o kgone go tleleima VAT e o e duetseng go butsetswa go wena.
- Selo se sengwe le se sengwe se o sa umang mo kgwebong ya gago, se tlaa go jela tlhotlhwa ka go oketsegka 15% ka gore o ka se kgone go tleleima VAT mo go selo se o se rekang. E le sekao, fa o reka motshene ka R10 000 tlhotlhwa ya motshene e oketsegka ka R1 500, mme o ka busetswa madi ao fela fa o ikwadisa go duela VAT mme wa romela tleleima go amogela VAT e o e duetseng kwa SARS.

GO TLHOLA GO NA LE KAROGO YA MELAO: ITLWAETSE

Ke nnete gore go na le mabaka mo o sa tshwanelo go duedisa moreki wa gago VAT mme mo mabakeng a mangwe ga o kgone go tleleima VAT mo se o se rekileng:

VAT e kgaogangwa ka dintlha tse tharo tse di leng:

- Maemo a tlwaelo: VAT e duelwa ka 15%.
- Tekanyetso ya letshotša: VAT ka 0%.

• VAT ya kgololego: VAT ga e duelwe mo dilong tse dingwe tse di rileng.

Nnete ke gore o tshwanetse go kopa thusa mo mmangakga yo a itseng gore ke ditiragalo dife tse di leng tsa tekanyetso ya letshotša le VAT ya kgololego.

Dikao tse dingwe tsa diло tsa VAT

ya tekanyetso ya letshotša ke:

- Dijotheo jaaka mašwi, borotho bo borokwa, phaletše, setampo, mae, merogo, maungo, jalo le jalo. Dilo tse di mo maemong a tekanyetso ya letshotša.
- Peterolo le tisele.
- Dijo tsa diruiwa/diphologolo le setlhare sa tsona.
- Monontsha, dibolayadisenyi le peo e e dirisiwang go jwalwa.
- Parafene.
- Thekiso ya se se tshwenyang.
- Dilo tsa thomelontle.

Dikao tse dingwe tsa diло tsa VAT ya kgololego ke:

- Tuelo ya go renta manno.
- Ditiro tsa mo ditseleng le tsa ditimela tsa go rwalela.
- Ditiragalo tsa thuto.
- Ga go VAT mo botsalong ba madi a a adingwang le ditiragalo tsa teng.

BOKHUTLO

O kgona go tleleima VAT fela mo ditiragalong tsa go reka mabapi le kgwebo – fa o na le setlhankana sa mothelesi wa dilo kgotsa tiro – mme e seng ditshenyegelo tsa gago ka bowena, e le sekao, tsa go itisa – tota le fa o reketse badiredi ba gago dijo kgotsa o tlhomile kopano ya kgwebo. Tiriso ya sele, tsa go tsamaya ka ntlha ya kgwebo, ESKOM – dittleleimi tse di tshwanetse go balabalwa mme di kgaogangwe gare ga ditiragalo tsa kgwebo le tsa gago go kgona go romela tleleima ya VAT ya bonneta. E ka balabalwa botoka fela ka thuso ya mmangakga yo a rulaganyang dibuka. O ka ikwadisa go duela VAT ka e-filing, mme go botoka go batla kgonego e e tshwanetseng kgwebo ya gago ka go ithuta tsotlhе mabapi le VAT le go e phutha ka thuso ya mmangakga yo a nang kitso.