TRAINING MANUAL TO ASSIST NUTRON USERS WITH THE PHYSICAL DELIVERY FUNCTIONALITY SPECIFIC TO TRADING BASIS PREMIUMS IN COMPLETION OF A FUTURES CONTRACT

February 2013: Version 2

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Trading of basis premiums via SAFEX silo receipts

The trading of basis premiums affords market participants the opportunity to trade grain at a registered delivery point as represented by the Safex Silo Receipt. Basis premiums can be defined as the negotiated value for an approved silo that a willing buyer willing seller is prepared to transact at due to the positioning of the delivery point and access to the physical grain as represented by a Safex silo receipt. The premium will be quoted in rand per ton over and above the futures price less location differential (where applicable. This will provide price discovery in terms of spot basis premiums and transparency for the entire grains market to benefit from.

a. Diagram of the process flow



b. Access control and managing exposure per order

Access control Spot basis tab allows clearing members and master dealers to limit execution risk on the buy and sell side on instrument level. The limit value is calculated as follow ((MTM – Differentials) + Premium)* Number of Tons

Access	Control 🔀
NUTRON	Member SAFM V Dealer ANA V
\mathbf{X}	Agricultural Market
1	Margin Limit Messages Bid / Offer
A C	DIVNEUTTOP40DNFTOP100DNFINDEXADXDIVIDXFUTVARFUTADXSSFTOP40SSFTOP100SSFAGRIFCANDOCUSICOMMJBARFUTDIVFFOREXIDXDIVSAVISPOTBASISAFRCOMM
In	Instrument Limit Options Report Only
	-ALL- I I I I I ALL- A CAPE SORG SOYA SUNS WEAT WMAZ YMAZ
	Submit Submit

c. Loading a Safex silo receipt in order to offer basis premiums

- 1. Click Agri View
- 2. Click APD View Silo certificates



3. Click Add

💥 Viev	V SAFMJOEA	PD Silo Cei	rtificate F	ile										×
CertNum	ber SiloOwner	Silo Location	Contract	Grade	Origin	Member	Client	Status	Tonnage	Storage Paic	Electronic	Issue Date	iginal Deposi	
857)74 SWK	Heilbron	WMAZ	WM1	South Africa	SAFM	OHD062	Not Verified	300	11/09/2012	False	12/09/2012	Test	
857)75 SWK	Heilbron	WMAZ	WM1	South Africa	SAFM	OHD062	Verified	400	11/09/2012	False	12/09/2012	Test	
<														>
8	•	•			0									
<u>C</u> lose	Add	Dejete	⊻erify Se	Upload 🛛	LS <u>D</u> ownloa	be								

Fill in the required information as printed on the Safex silo receipt . For <u>re-deliveries</u> (SAFEX certificates that have been delivered through the exchange) the Date issued and Original Depositor are no longer mendatory fields with the information completed from the JSE database.

Silo Ce	rtificate	
Xo.	Receipt Number	857075
NUTRON	Contract	WMAZ 🔽
	Silo Owner	SWK 🔽
S	Grade	WM1 🔽
and here	Silo Location	Heilbron 🔽
	Origin	South Africa 🛛 🗸
7.5	Member	SAFM 🔽
In	Client	OHD062 🖌
41	Tonnage	400
	Storage Paid	11/09/2012 💌
	Electronic	
	Date Issued	12/09/2012 💌
	Original Depositor	Test
	<u> </u>	😮 <u>C</u> ancel

- 4. Click OK
- Alternitavely, use the Upload XLS to upload silo certificates
 Capture the required information as indicated on the upload spread sheet found on the following link :
 <u>http://www.jse.co.za/Libraries/SAFEX_AP_- Physical_Delivery_information_-</u>
 <u>Delivery_Notice_Templates/SiloCertificatesUpload_02.sflb.ashx</u>
- 6. Click UploadXls
- 7. Click submit to upload silo certificates
- 8. Double click on the certificate entry to highlight. Click verify button. The status column changes from Not verified to Verified if the certificate is a paper certificate the exchange marks the certificate "Ready for delivery". If the certificate is an electronic certificate the satus changes to "Ready for delivery" provided the infromation matches with the ESC database.

X View S	SAFMJOEA	PD Silo Cer	tificate F	ile										×
CertNumbe	r Silo Owner	Silo Location	Contract	Grade	Origin	Member	Client	Status	Tonnage	Storage Paid	Electronic	Issue Date	iginal Deposi	\square
857074	SWK	Heilbron	WMAZ	WM1	South Africa	SAFM	OHD062	Not Verified	300	11/09/2012	False	12/09/2012	Test	
857075	i SWK	Heilbron	WMAZ	WM1	South Africa	SAFM	0HD062	Verified	400	11/09/2012	False	12/09/2012	Test	
<														>
8	-	•			0									
<u>C</u> lose	<u>A</u> dd	Delete	⊻erify Se	Upload 🛛	_S <u>D</u> ownloa	bd								

9. Click download, the status column changes to Ready for Delivery

X View S	AFMJOEA	PD Silo Cer	tificate F	ile									_ 0	×
CertNumber	Silo Owner	Silo Location	Contract	Grade	Origin	Member	Client	Status	Tonnage	Storage Paid	Electronic	Issue Date	iginal Deposi	
857074	SWK	Heilbron	WMAZ	WM1	South Africa	SAFM	OHD062	Ready for D	300	11/09/2012	False	12/09/2012	Test	
857075	SWK	Heilbron	WMAZ	WM1	South Africa	SAFM	OHD062	Ready for D	400	11/09/2012	False	12/09/2012	Test	
<														>
8	•	•		E	0									
<u>C</u> lose	Add	Dejete	⊻erify Se	Upload <u>X</u> I	_S <u>D</u> ownloa	be								

d. Add the spot basis view on the Agris trading menu

- 1. Click config
- 2. Click add trading windows
- 3. Select Agricultural_Products_ Market on Markets
- 4. Select Spot_Basis_Contracts and New Window
- 5. Click OK

Select	Market and View	
NUTRON	Market For What	2-Agricultural_Products_M ❤ Spot_Basis_Contracts
	Menu item	New Window
0		<u> ⊘ Ω</u> K <u>⊗ C</u> ancel

e. Launching the Spot basis contracts trading window

1. Click on Agris trading

💢 Nutr	on																	
Config	Agris Trading Agris View	ws Global M	larket	Print	/Transi	ier A	About											
	Split_Contracts Agri Eutures	Chila.)		Agris	Agris	View	s Glo	bal M	larket									
NUTRON	Global_Options	Ctrl+A	ň		M		\bigcirc			Ň	DY							
	Central_Options	Ctrl+B	JJL									 	 	 				_
Conn: A	Cando	Ctrl+C			Down	load C	omple	te									Exchange T	lime
	Asset_Class_Futures	Ctrl+D	_													-		_
	Options_Stats	Ctrl+E													7	N		
	SAVI_Contracts	Ctrl+F													1			
	African_Commodities	Ctrl+G																
	Spot_Basis_Contracts	Ctrl+H																

- 2. Click on spot basis contracts
- 3. Right click on the spot basis trading window click Add/Delete Contracts

74	Spot_Basi:	s_Contracts	(SAFMJOE)											7
	Product	Owner	Location	Origin	QtyB	Bid .	/ Offer	QtyO	Change	Last	Time	High	Low	
•							Dept	h						
							Cont	tract data				K	X	
							Fresh	nen data		1				
							Conf	figure					120	ř
							Sort		+		150	A	/	-
							Stay	on Top	1				14	
							Add/	/Delete Contra	cts	1	*	•		

4. Select products and silo owner and click ok



Ж	Spot_Basis	_Contrac	ts (SAFMJO	E)										
	Product	Owner	Location	Origin	QtyB	Bid / Offer	QtyO	Change	Last	Time	High	Low	Volume	^
	WEAT - B1	SWK	Oberholzer	ZA	0	0.00 / 0.00	0	0.00	0.00	00:00	0.00	0.00	0	
	WEAT - B2	SWK	Protespan	ZA	0	0.00 / 8.00	20	0.00	0.00	00:00	0.00	0.00	0	
	WEAT - B3	SWK	Raathsvlei	ZA	0	0.00 / 0.00	0	0.00	0.00	00:00	0.00	0.00	0	_
	SOYA	VBY	Reitz	ZA	0	0.00 / 0.00	0	1.00	1.00	09:44	1.00	1.00	3	
	YMAZ	SWK	Heilbron	ZA	0	0.00 / 2.00	9	2.00	2.00	10:10	2.00	2.00	1	
	WMAZ	SWK	Attie	ZA	0	0.00 / 7.00	5	0.00	0.00	00:00	0.00	0.00	0	
	SUNS	SWK	Petrusburg	ZA	0	0.00 / 0.00	0	0.00	0.00	00:00	0.00	0.00	0	
	WMAZ	SWK	Enselspruit	ZA	0	0.00 / 2.00	10	0.00	0.00	00:00	0.00	0.00	0	
	CAPE - B1	SWK	Bultfontein	ZA	0	0.00 / 1.00	19	0.00	0.00	00:00	0.00	0.00	0	~

f. Placing an Offer on the back of safex silo receipts marked "Ready for delivery"

1. Click on the offer column of the Spot Basis Contracts trading screen alternatively on the offer column of the Depth window for the offer window to launch. The offer window starts out blank with no order types until a receipt is selected.

Make S	pot Basis	Offer				×
R	E Se	lect Receipt		Receipt	0	
NUTRON	Product		*	Owner		~
	Origin		~	Location		~
S	Qty	0		Ref No	000000024	
	Premium	0.00	^	Ref No 2	000000024	
	Capacity	Р	~	💞 Prin		~
2.5	◯ FOK (🔾 ток 💿 NO	R	Dealer	JOE 🗸	-
G	O Good	Till		Date	12/09/2	2012 💌
1	1 10 IIA 🔘	Nothing				
	Must D)eliver Today				
		🔒 <u>E</u> nt	er	- [<u>)</u> elete	
	Prin	Product	Location	Premium	ո Qty	Ref N
	<					>
		4 <u>0</u>		<u>8</u>	ancel	

2. Click on Select Receipt to launch the Select a receipt window.

X Select	a receipt															
CertNumber	Silo Owner C	Silo Location	Contract	Grade	Origin	Member	Client	Status	Tonnage	Storage Paid	Electronic	Issue Date	Original Depo	Must Deliver	Remaining Q	Origin Coc
857074	SWK	Heilbron	WMAZ	WM1	South Africa	SAFM	OHD 062	Ready for De	300	11/09/2012	False	12/09/2012	Test	False	3	ZA
857075	SWK	Heilbron	WMAZ	WM1	South Africa	SAFM	0HD062	Ready for De	400	11/09/2012	False	12/09/2012	Test	False	4	ZA
<																>
See <u>Filter</u>																

- a. The tonnage column refers to the silo certificates tonnages
- b. The remaining quantity refers to the number of contracts (futures contract standard size) that has not matched or has not been sold

3. User may click on the filter button to filter certificates based on the filter criteria indicated below in the filter window

Filter	on		
	Member	ALL	~
	Principal	ALL	~
S	Product	ALL	~
	Silo Owner	ALL	~
Ten S	Silo Location	ALL	~
4	Origin	ALL	~
	Grade	ALL	~
	Reference	ALL	~
	Reference 2	ALL	~
		🙆 <u>C</u> ancel	

4. Double click to select the certificate marked ready for delivery. The details of the selected receipt populate on the offer window

Make S	pot Basis	Offer				
Xo,	<u> </u>	lect Receipt		Receipt	857074	
NUTRON	Product	WMAZ	~	Owner	SWK	*
	Origin	South Africa - 2	ZA 🗸 🗸	Location	Heilbron	~
S	Qty	3	۲	Ref No	00000002	24
	Premium	2.00	*	Ref No 2	00000002	24
1	Capacity	P	~	🧭 Prin	0HD062	*
7.5	◯ FOK (🔾 ток 💿 NOI	R	Dealer	JOE	×
12	🔘 Good	Till		Date	12/0	09/2012 💌
	🔲 Must [)eliver Today				
		🕒 <u>E</u> ntr	er	- [<u>)</u> elete	
	Prin	Product	Location	Premiun	n Qty	Ref N
	<					>
		<u>o</u> k		<u>8</u>	ancel	

- 5. Click "Good till date" to keep the order in the system up to and including the selected date should the offer not match. The good till date /hold over order will be resubmited automatically upon market start up to and including the good till date
- 6. Click "Must deliver" to process the physical delivery on the same day and therefore not dependant on a willing buyer at the suggest basis premium.
 - a. If the order is not matched before the close of basis trading then before randomly allocating to existing long position holders, the system will try match the offer with the best possible basis bid still available at the close.
 - b. Qty field is quoted in number of contracts
 - c. Premium quoted in rands/ton
- 7. Click Enter to add certificates in the order list box and delete to remove added certificates on the orderbox before clicking ok to place the bid
- 8. Users may offer silo certificates (tonnages) fully or partially

g. Place a Bid

- 1. Click on the Bid column of the Spot Basis Contracts trading screen alternatively on the Bid column of the Depth window for the Bid window to lauch.
- 2. Select interested criteria ie: product, location, qty, premium etc
- 3. Click ok to place a Bid

Make S	pot Basis I	3id		X
$\mathbf{\tilde{\mathbf{z}}}$	Product	WEAT - B3 🔷	Owner	SWK 💌
NUTRON	Origin	South Africa - ZA 🛛 💌	Location	Raathsvlei - SWK 🔽
	Qty	100 🖨	Ref No	00000026
S	Premium	2100 🛟	Ref No 2	00000026
CAL.	Capacity	P 🗸	🧭 Prin	SAFM 🗸
	O FOK C) TOK 💿 NOR	Dealer	JOE 💌
1 m	🔘 Good Ti	II	Date	12/09/2012 💌
4		cel		

h. Basis market remains anonymous however with a view to the market depth per registered delivery point.

Right click on the location , click Depth and Basic to launch the depth window.
 a. The All or nothing Depth is reserved for future use and will not be available on go live.

Ж	Spot_Basis	_Contract	s (SAFMJO	E)										
	Product	Owner	Location	Origin	QtyB	Bid	0ffer	QtyO	Char	ige Lasi	Time	High	Low	V
	WEAT - B1	SWK	Oberholzer	ZA	0	0.00 /	0.00	0	0	00 0.00	00:00	0.00	0.00	
	WEAT - B2	SWK	Protespan	ZA	0	0.00 /	8.00	20	0	00 0.00	00:00	0.00	0.00	
	WEAT - B3	SWK	Raathsvlei	ZA	0	0.00 /	0.00	0	0	00 0.00	00:00	0.00	0.00	
	SOYA	VBY	Reitz	ZA	0	0.00 /	0.00	0	1.	00 1.00	09:44	1.00	1.00	
	YMAZ	SWK	Heilbron	ZA	0	0.00 /	2.00	9	2	00 2.00	10:10	2.00	2.00	
	WMAZ	SWK	Attie	ZA	0	0.00 /	7.00	5	0	00 0.00	00:00	0.00	0.00	
	SUNS	SWK	Petrusburg	ZA	0	0.00 /	0.00	0	0	00 0.00	00:00	0.00	0.00	
	WMAZ	SWK	Enselspruit	ZA	0	0.00 /	2.00	10	0	00 0.00	00:00	0.00	0.00	
	CAPE B1	SWK	Bultfontein	ZA	0	0.00 /	1.00	Depth		Bacic	00:00	0.00	0.00	
	WMAZ	SWK	Heilbron	ZA	0	0.00 /	2.00	Depth		All Or Nething	00:00	0.00	0.00	
						1		Contract data	2				Allen	
				877	1/1 ~	171	121	Freshen data Configure Sort		1 121	71171	476		
				-				Stay on Top Add/Delete Contra	acts					

X W	MAZ -	Hartsv	v	ater			×
Memb	QtyB	Bid	7	Offer	QtyO	Memb	>
X	8	9.00	7	11.00	10	×	
	0	0	7	0	0		-
	0	0	7	0	0		
	0	0	7	0	0		
	0	0	7	0	0		
	0	0	7	0	0		
	0	0	7	0	0		~

i. Matching of spot basis trades can be achieved in the following manner:

- Order Matching for basis market

 The standard price/time algorithm is applicable
- 2. Functionality exists for quick execution of an existing bid, users must enable the Must counter offer bid orders on Spot Basis Defaults tab under user configuration.
 - a. Must counter offer bid orders is only applicable where the user has one or multiple silo certificates marked as ready for delivery which match the bid

j. To set up Spot basis defaults

- 1. Click Config
- 2. Click User Configuation
- 3. Click on the Spot Basis Defaults
- 4. Change the deaults
 - a. Default business days still good for default good till date
 - b. Default Offer premium, to protect users offerring stock at zero basis premium users can configure a default basis premium as a safety measure eg R20/ton which means all stock offerrd will first default to the configured number.
- 5. Click Ok

User Co	nfiguration		×
\leq	Sub Accounts Ref Number	Spot Basis Defaults	
NUTRON	Default business days still go	ood 0	
	Default offer premium	0.0000	
(S) (G)	Must counter offer bid orders	s 💌	
		Bar	icel

k. To counter offer the bid

- 1. Click on the offer cell of the disired bid on the spot basis trading window to launch the offer screen.
- 2. Click OK to match the bid

I. The following matching rules are applicable when using the must counter offer functionality

- 1. Perfect match (a silo certificate marked ready for delivery that has a remaining quantity which perfectly matches the bid)
 - a. If there are multiple certificates for clients and member that meet the perfect match criteria, the clients certificates will match first followed by the member certificates

m. Should there be no perfect match

- 1. The silo certificate with the largest remaining quantity will match
 - a. If there are multiple certificates that meet the criteria loaded on the member code and client code, the clients certificates will match first followed by the member certificates

<u>Understanding the physical delivery alternatives in terms of delivering grain in completion of a futures contract</u>

n. Exchange for physicals (EFP's)

Exchange for physicals will only be processed upon receiving instruction from members and will be processed by the exchange for its members and clients.

Edit Re	port Only Trade	
	Deal Details	
NUTRON	🖹 <u>S</u> elect Rec	eipt Receipt Number: 857076
\mathbf{X}	Reference Num	00000027
0	Reference Num 2	00000027
0.	Member *	SAFM
Car.	Principal *	SAFM V Prin
137	Dealer ×	JOE 🗸
1 pr	Time *	14:46 🤤
42	Buy/Sell ×	S 😼
14	Capacity *	P
	Product *	YMAZ
	Origin *	South Africa 🔜
	Owner *	Senwes Ltd 💌
	Location *	Attie
	Sub Account *	Add Sub Account
	Prepaid Storage	11/09/2012 💽
	Quote	
	Qty *	3
	Premium *	2.00
	Price Ref:	None
	Counter Party	
	Counter Party *	CRN2 🧹 🎯 C/Party
		0K (& Cancel

K View SAFMJOE APD Spot Basis Unmatched trades																		
Silo Owner	Silo Location	Grade	puntry Of Orig	Ref No	Ref No 2	Member	Dealer	Prin	Master Client	Time	Buy/Sell	Qty	Premium	CtPty	Capacity	Flags	Seq No	SubAcc
SWK	Attie	YM1	ZA	000000027	000000027	SAFM	JOE	SAFM		14:46:25	Sell	3	2.00	CRN2	Р		400000056	
																		5
sert Delete	e Edit /	Accept Par	use Refresh	Filter														
5	Silo Owner	VFMJOE APD Spot BA Silo Dwner Silo Location SWK Attie	NFMJOE APD Spot Basis Unme Silo Owner Silo Location Grade SWK Attie YM1	IFMJOE APD Spot Basis Unmatched trac Silo Owner Silo Location Grade Junity Of Orig SWK Attie YM1 ZA YM1 ZA	IFMJOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade puntry Df Orig Ref No SWK Attie YM1 ZA p000000027 SWK Attie YM1 ZA p000000027 The second se	IFM JOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade junity DI Ding Ref No Ref No 2 SWK Attie YM1 ZA 000000027 000000027 SWK Attie YM1 ZA 000000027 000000027 et Delete Edit Accept Pause Refresh Filter	IFMJOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade Junity Of Orig Ref No Ref No 2 Member SWK Attie YM1 ZA 000000027 000000027 SAFM W Output Output Sac	IFMJOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade burtry 0f 0rig Ref No 2 Member Dealer SWK Attie YM1 ZA 000000027 900000027 SAFM JOE SWK Attie YM1 ZA 000000027 900000027 SAFM JOE Image: SWK Attie YM1 ZA 000000027 900000027 SAFM JOE Image: SWK Attie YM1 ZA 000000027 900000027 SAFM JOE Image: SWK Attie YM1 ZA Below Statement Statement Image: SWK Attie SWK Statement Statement Statement Image: SWK Acception Pause Refresh Filter	IFMJOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade puntry Df Orig Ref No Ref No 2 Member Dealer Prin SWK Attie YM1 ZA 000000027 000000027 SAFM JOE SAFM SWK Attie YM1 ZA 000000027 000000027 SAFM JOE SAFM et Delete Edit Accept Pause Refresh Filter	IFMJOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade junity 0f Orig Ref No Ref No 2 Member Dealer Prin Master Client SWK Attie YM1 ZA 000000027 000000027 SAFM JOE SAFM JOE SAFM T ZA 000000027 SAFM JOE SAFM	IFMJOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade jountry 0f Onig Ret No Ref No 2 Member Dealer Prin Master Client Time SWK Attie YM1 ZA 000000027 000000027 SAFM JOE SAFM 14:46:25 et Delete Edit Accent Pause Refeath Filter	IFM JOE APD Spot Basis Unmatched trades Silo Dwner Silo Location Grade puntry Df Drid Ref No 2 Member Dealer Prin Master Client Time Buy/Sell SWK Attie YM1 ZA 000000027 000000027 SAFM JOE SAFM 14:46:25 Sell W O YM1 ZA 000000027 SAFM JOE SAFM 14:46:25 Sell Image: Structure YM1 ZA Image: Safe Safe Safe Safe Safe Safe Safe Safe	IFMJOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade puntry DF Drig Ref No. 2 Member Dealer Prin Master Client Time Bug/Sell Qty SWK Attie YM1 ZA 000000027 000000027 SAFM JDE SAFM 14:46:25 Sell 3 SWK Attie YM1 ZA 000000027 000000027 SAFM JDE SAFM 14:46:25 Sell 3 et Delete Edit Accept Pause Refresh Filter	IFMJOE APD Spot Basis Unmatched trades Silo Dwner Silo Location Grade junity Df Drig Ref No Ref No 2 Member Dealer Prin Master Client Time Buy/Sell Qty Premium SWK Artie YM1 ZA 000000027 000000027 SAFM JDE SAFM 14:46:25 Sell 3 2.00 W October Edit Accept Pause Refresh Filter	IFMJOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade junity Di Drig Ref No Ref No 2 Member Dealer Prin Master Client Time Buy/Sell Qty Premium CtPty SWK Artie YM1 ZA 000000027 000000027 SAFM JOE SAFM 14:46:25 Sell 3 2.00 CRN2 et Dealer Edit Accept Pause Refresh Filter	IFMJOE APD Spot Basis Unmatched trades Silo Dwner Silo Location Grade puntry Df Drig Ref No 2 Member Dealer Prin Master Dlient Time Bug/Sell Qty Premium CtPty Capacity SWK Artie YM1 ZA 000000027 000000027 SAFM J0E SAFM 14:46:25 Sell 3 2.00 CRN2 P Image: Comparison of the second seco	IFMJOE APD Spot Basis Unmatched trades Silo Owner Silo Location Grade puntry DF Drig Ref No Ref No Member Dealer Prin Master Client Time Bug/Sell Qty Premium CIPty Capacity Flags SWK Attie YM1 ZA 000000027 000000027 SAFM J0E SAFM 14:46:25 Sell 3 2:00 CRN2 P SWK Attie YM1 ZA 000000027 000000027 SAFM J0E SAFM 14:46:25 Sell 3 2:00 CRN2 P Edit Accent Pause Befresh Filter Filter Filter Filter Filter	IFMJOE APD Spot Basis Unmatched trades Image: Silo Durner Silo Location Grade puntry Df Drig Ref No Ref No Member Dealer Prin Master Client Time Buy/Sell Qty Premium CUPty Capacity Flags Seq No SWK Attie YM1 ZA 000000027 SAFM JDE SAFM 14:46:25 Sell 3 2.00 CRN2 P 400000056 SWK Attie YM1 ZA 000000027 SAFM JDE SAFM 14:46:25 Sell 3 2.00 CRN2 P 400000056 et Delete Edit Accept Pause Refresh Filer

o. Allocation of remaining offers flaged "must deliver" with the remaining bids

a. Remaining offers marked as 'must deliver' will be matched with the best possible remaining bids on screen when basis trading market closes at 14h15 using the price time priority matching algorythm. It is important to note that for a "must deliver" notice to be processed the necessary short position must exist for the full amount, failing which users should call the exchange and request certificates to be split. If there is only a partial position, the entire delivery is rejected. Although if a 'must deliver' offer is in excess of the existing short positions and the excess positions/tons are filled either by matching on screen or matching of remaining Bids, the cert will be split and the remaining tonnages either equal to the existing or less than the existing short position will be randomly allocated.

p. Random allocation

- a. Should there be no existing bids the remaining offers flagged as "must deliver" will be randomly allocated to long position holders as per the published algorithm
- b. When a member flags an order as a "must deliver" order type and the order is not matched during spot basis trading and <u>there is no open interest</u> on the futures contract the order will not be considered on the day

Understanding the available deal management functionality for basis premium trading



q. The following APD Spot Basis views are available as indicated below:

1. Active orders window, displays the users active orders on the day and hold over orders.

💥 View	View SAFMJOE APD Spot Basis Active Orders																	
eceipt Nur	nb Buy/Sell	Qty	Product	Silo Owner	Silo Location	Grade	puntry Of Orig	Quote at	Ref No	Ref No 2	Prin	Master Client	Dealer	Member	Time	st Deliver To	Seq No	Capacity
857074	Sell		3 WMAZ	SW/K	Heilbron	WM1	ZA	2.00	000000312	000000312	OHD062	OHD062	JOE	SAFM	16:56:09	No	400000046	P
857075	Sell		4 WMAZ	SWK	Heilbron	WM1	ZA	2.00	000000313	000000313	OHD062	0HD062	JOE	SAFM	16:56:17	No	400000047	P
🛞 <u>C</u> lose	Susp Susp	All Reduce	00 <u>R</u> efresh <u>P</u>	😭 🔮 ause <u>F</u> ilter	r													

2. Suspended order window displays the spot basis suspended orders

X View S	SAFMJOE A	PD Spo	t Basis Su	ispended (Orders													
eceipt Numb	Buy/Sell	Qty	Product	Silo Owner	Silo Locatior	Grade	untry Of Or	Quote at	Ref No	Ref No 2	Prin	Master Client	Dealer	Member	Time	Seq No	Capacity	st Deliver To
857075	Sell	4	WMAZ	SWK	Heilbron	WM1	ZA	7.00	000000025	000000025	OHD062	OHD062	JOE	SAFM	14:26:53	400000047	Р	No
					1	a												
<u>C</u> lose	<u>R</u> esubmit	Del	ete <u>B</u>	dit Res	u <u>b</u> mit All De	elete <u>A</u> ll	<u>F</u> ilter											

3. Completed orders, displays the users spot basis completed orders and the matching premium

💥 View	View SAFMJOE APD Spot Basis Completed Orders																				
Buy/Sell	Dealt Qty	Order Qty	Product	Silo Owner	Silo Location	Grade	htry Of (Irder Premiur	Premium	Drder Ref No	Irder Ref No	xchange Re	Prin	Master Clien	SubAcc	Dealer	Member	Order Time	Origin	Capacity	Dealt Time
Sell	3	3	WMAZ	SWK	Heilbron	WM1	ZA	2.00	2.00	000000024	000000024	04A00145A	OHD 062	OHD062		JOE	SAFM	14:26:13	OnScreen	P	14:42:01
Buy	3	3	WMAZ	SW/K	Heilbron	WM1	ZA	2.00	2.00	000000026	000000026	04A00145B	99999	SAFM	99999	JOE	SAFM	14:42:01	OnScreen	P	14:42:01
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4. Trades window, dispays all matched spot basis trades. Deal management can be done on this window. Users can DIV, Assign out long positions ONLY and trade correct spot basis deals. Please note that the system does not allow the user to take a turn on spot basis deals or add multiple deals

X Vie	View SAFMJOE APD Spot Basis Trades																						
Prode	uct ili	o Owne	Silo Location	Grade	ntry Of O	Prin	Master Client	Buy/Sell	Qty	Premium	Ref No	Ref No 2	Exchange Re	Dealer	Time	Enter Time	llocation Tim	SeqNo	Origin	SubAcc	Member	Capacity	Trade Type
WMAZ	: S	š₩К	Heilbron	WM1	ZA	SAFM		Buy	3	2.00	000000026	000000026	04A00145A	JOE	14:42:01	14:42:01	14:42:01	79	OnScreen	99999	SAFM	Р	
WMAZ	S	ö₩K	Heilbron	WM1	ZA	0HD062	OHD062	Sell	3	2.00	000000024	000000024	04A00145B	JOE	14:42:01	14:42:01	14:42:01	80	OnScreen		SAFM	Ρ	
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(8		•		(3	0		•	•	•											
<u>C</u> I	ose			Net Vie <u>w</u>		ssign	<u>P</u> ause	<u>R</u> efresh	Tra		<u>F</u> ilter	Change											

5. Unmatched trades views is available to accept assigned trades (again these can only be long positions)

💥 Viev	🕱 View SAFMJOE APD Spot Basis Unmatched trades																		
Produc	Silo Owner	Silo Locatior	n Grade	puntry Of Ori	Ref No	Ref No 2	Member	Dealer	Prin	Master Client	Time	Buy/Sell	Qty	Premium	CtPty	Capacity	Flags	Seq No	SubAcc
YMAZ	SWK	Attie	YM1	ZA	000000027	000000027	SAFM	JOE	SAFM		14:46:25	Sell	3	2.00	CRN2	P		40000056	
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<u>C</u> lose	Insert Delet	e <u>E</u> dit	Accept <u>P</u> a	use <u>R</u> efresh	<u>F</u> ilter														

- a. To Edit the price, click edit.
- b. Type the price Ref on Premium field and click Ok
- c. Highlight the unmatched trade by double clicking and cleick accept



6. Spot positions view

🗶 View SAFM APD Spot Basis Positions												
Member	Prin	Master Client	Product	Silo Owner	Silo Locatior	Grade	ounty of Orig	Bought	emaining Bio	: Available to	Sold	emaining Offe
SAFM	OHD062	OHD062	WMAZ	SWK	Heilbron	WM1	ZA	0	0	0	3	4
SAFM	99999	SAFM	WMAZ	SWK	Heilbron	WM1	ZA	3	0	0	0	0
SAFM	SAFM		YMAZ	SWK	Attie	YM1	ZA	0	0	0	0	3
SAFM	99999	SAFM	WMAZ					0	0	0	0	0

- i. On <u>buy side</u>, will provide a total of all positions bought per silo together with a confirmation of the remaining bids in the system
- ii. On the <u>sell side</u>, provides confirmation of contracts sold on the day, the remaining offers still in the system AND also a view of the stock still available to offer (marked ready for delivery however as yet not offered to the market)
- 7. Post delivery trades

Populates spot basis deals for the day. Contains the same information as the delivery and assignment notice. Assignments indicated as a buy and deliveries as sell.

	Nutron Spot Post Delivery Deals File - Windows Internet Explorer																		
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😭 🏟	🔌 🏟 😒 🔸 🖉 35E - Commodity Derivatives 🍘 Nutron Spot Post Deliver 🗴 👘																		
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								_											
Silo	o	D (0 1		Silo	Silo	a 1	Country	Must	Deliverv				Exchange	o	D 1	Report	Trade	Reference	
Number	Quantity	Buy/Sell	Product	Owner	Location	Grade	Origin	Fill	Month	Premium	member	Principal	Number	Сарасіту	Dealer	Date	Date	Number	Reason
857010	1	s	YMAZ	ALM	Viljoenskroon	YM1	ZA	No	OCT12	2	DDAM	DDAM	04C72459B	P	ANE	09/10/12	09/10/12	000000061	
857011	1	S	SUNS	ALM	Viljoenskroon	FH	ZA	No	OCT12	2	DDAM	DDAM	04C72460B	P	ANE	09/10/12	09/10/12	00000062	
857010	1	S	YMAZ	ALM	Viljoenskroon	YM1	ZA	No	OCT12	1	DDAM	DDAM	04C72461B	P	ANE	09/10/12	09/10/12	00000063	
857011	1	S	SUNS	ALM	Viljoenskroon	FH	ZA	No	OCT12	3	DDAM	DDAM	04C72462B	P	ANE	09/10/12	09/10/12	00000064	
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8. Down loadable files are available in HTML and XML format



Position management combining futures and basis premium trades

r. Prior to last trading day

- 1. Where users have existing long or short futures positions and bid or offer stock
 - a. Delivery deals which close the existing future will be created on the futures deal file (as per the current functionality)
- 2. In the case where the user does not have a futures position and offers or bids stock and is successful, a short future position in the case of a successful offer or a long futures position including a corresponding short futures position in the case of a successful bid will be created at the mtm of the notice day in order to facilitate the delivery
 - a. Where the user offers stock and they don't have an existing short futures position 3 deals will be created on the APD View trades
 - Long futures position (Charge future fee)
 - Short futures positions (Zero fees)
 - Delivery deal to close the short futures position
 - On the Spot basis trades view the system create 1 spot basis trade

- On screen deal / Report Only in the case of an EFP (This is where the delivery fees will be charged)

The user will end up with a long position which they can trade out of in the market during the next futures trading session or alternatively receive physical delivery from.

This will work exactly the same way where the user bids for stock with no existing long future positions. The difference will be that the user ends up with a short futures position which they can trade out of the future in the market or tender delivery on the short futures position.

s. On last trading day

- 1. The system will still allow users with no existing futures position to bid or offer stock in the market and the relevant positions will be created as indicated above.
- 2. Auto close out of all future position on the delivery month will take place on last trading day

t. After last trading day

- 1. Users with existing short positions will be required to complete all their deliveries for the spot delivery month before or on last notice day. All offers of existing spot month short position holders will not shown on the spot basis screen and will be randomly allocated to the existing spot long positions holders at a zero premium. In essence the basis premium functionality will not be available to position holders after last trading day.
- 2. Members with remaining short positions on the spot month will not be allowed to delete their offers after last trading day until such a time where all short positions have been delivered
- 3. Once a member has delivered against all their remaining spot month positions, their orders proceeding the completion of the remaining spot positions will show on screen and will be processed on the next near month at the next near month's futures MTM

u. Trading overlapping expiry months

 Spot basis trading continues to be available after last trading day. Any orders matching after last trading day will be processed on the next near futures expiry month referencing the next near futures MTM price and should equal and opposite futures positions be required to facilitate the delivery the futures position will be created in this same next near expiry month.

Key word glossary

Column Name	Screens	Definition
Allocated Time	Trades Screen	The Allocated Time field shows the time the trade was allocated.
Bought	Positions	Qty bought (number of contracts matched)
Buy/Sell	All	The Buy/Sell field indicates whether each order/
		trade is a buy or a sell.
Capacity		The Capacity shows whether each active order
		involves a principal – P or agent – A trade.
Cert Number	Silo Cert File, Select Receipt	The Cert Number field contains the certificate
		number of each silo certificate.
Closing Price	Post Delivery Trades	The Closing Price field contains the closing price
		of each future contract on its notice date.
Contract	Silo Cert File	The Contract field identifies the futures contract linked to each silo certificate
Country of Origin	All	The Country where the delivered physical product
		originates
Dealer	All	The dealer control contains dealer codes who
		placed the trade/ order.
Dealt Qty.	Completed orders	Matched quantity as oppose to order quantity
Dealt Time	Completed Orders	The Dealt Time field contains the time of the deal.
Delivery Notice Ref	Post Delivery Trades	Delivery Reference number
Number	_	
Electronic	Silo Cert File, Select Receipt	The Electronic field contains a 'True' or 'False'
		value that specifies whether each delivery is
		accompanied only by an electronic certificate or by
		a paper-based certificate.
Enter Time	Trades Screen	The Enter Time field displays the time the trade
		was entered
Exchange Ref	Completed orders, trades	The Exchange Ref field contains the exchange ref
	Screen, Post Delivery	number allocated to the deal.
Fees	Post Delivery Trades	Delivery Fees
Grade	All	I ne Grade field identifies the crop grade for each
Grade Discount	Post Delivery Trades	The Grade Discount field contains the grade
Glade Discoulit	Fost Delivery Trades	discount for each delivery certificate
Issue Date	Silo Cert File Select Receipt	The Issue Date field contains the date on which
		the silo certificate
Master Client	All	The Master client field contains a client code for
		each trade leg that you linked to a principal which
		is a client.
Member	All	The Member field identifies the member linked to
		each silo certificate.
Must Deliver Today	All	Click Must deliver to process the delivery on notice
Onder Dremium	O a man la ta di Onda na	Department is used a new ten over the OAFFY deviced
Order Premium	Completed Orders	Premium in rands per ton over the SAFEX derived
Order Otu	Completed Orders	Questity hid or offered in number of contracts
Order Time	Completed Orders	The Order Time field contains the time of the
	Completed Orders	order
Origin	Completed Orders	The origin field identifies the country of origin of
		the crop for each silo certificate
Origin Discount	Post Delivery Trades	The Origin Discount field contains the origin
		discount for each delivery certificate
Original Deposit	Silo Cert File, Select Receipt	The Original Deposit field contains the original
5 ··· - + + + + + + + + + + + + + + + + +		depositor of each silo certificate.
	•	• •

Prin	All	The Prin field contains the principal code for the
		trade.
Product	All	Underlying Commodity
Qty.	All	The Qty. field contains the quantity of each order/
		trade in number of contracts.
Quote at	All	The Quote at field contains the order premium
Remaining Bids	Positions	Remaining Bid orders
Remaining Offers	Positions	Offer orders that have not matched
Seq No		The Seq No field contains a sequence number that
-		uniquely identifies each active order.
Silo Location	All	The Silo Location field identifies the physical
		location of the silo for each silo certificate.
Silo Location	Post Delivery Trades	Location discounts
Instrument Discount		
Silo Owner	All	The Silo Owner field identifies the silo owner
Silo Receipt	Post Delivery Trades, Silo	Silo certificate number
Number	Cert File	
Sold	Positions	Qty Sold (number of contracts matched)
Status	Silo Cert File, Select Receipt	The Status field identifies the status of the silo
		certificate.
Stock Available to	Positions	Total available qty not matched
Offer		
Storage Paid	Silo Cert File, Select Receipt	The Storage Paid field contains each date up to
		which storage for each delivery has been paid.
Storage Rate	Post Delivery Trades	Product Storage rate
Time	All	The Time field specifies the time at which each
		trade was done.
Tonnage	Silo Cert File, Select Receipt	The Tonnage field contains the crop tonnage for
		each silo certificate.
Trade Date	Post Delivery Trades	Trade when the trade occurred
VAT	Post Delivery Trades	The VAT field contains the Value Added Tax that
		applies to each delivery certificate.