

AgVantagePC™ Agronomy



FEATURES & BENEFITS

- ◆ Customer, farm, and/or field specific
- ◆ Has the ability to run stand alone or connected
- ◆ Choose from up to 99,999 formulas
- ◆ Multiple blend methods
 - Guaranteed analysis
 - Units per acre
 - Pounds/gallons of product per acre
- ◆ Edit existing orders, copy orders from current or history
- ◆ Add additional items on-the-fly, remove items from the blend
- ◆ Override rate per acre or blended quantities
- ◆ Override application Unit of Measure
- ◆ Ability to offer price quotes of orders
- ◆ Review Total & Per Acre Weights/ Gallons
- ◆ CDMS Interface for DOT, Chemical Restrictions, etc...
- ◆ **INTERFACES:** Junge, Kahler, Murray, Yargus, and AgLogic

Agronomy Work Order—Formulation

Application: Formulation Products Pricing Batching & Comments Order No. / Location: 15579 43000. TESTING V8 5 DIGIT L

Formula: DRY FORMULA W/BILL BY ITEM Acres: 100 Formulation Type: Dry Blend Item #: BILL BY Pick Number PO Number

Code	Description	Rate	UOM
P	11-52-0 MAP DRY	0.00	LBS
K	0-0-61 POTASH DRY	0.00	LBS
S	21-0-0 AMS DRY	0.00	LBS
N	46-0-0 UREA DRY	0.00	LBS
L	PEL LIME HI-CAL DRY	0.00	LBS
ES	SULFUR 90%	0.00	LBS
ZN	ZINC WOLF TRAX	0.00	OZ
CH	INSTINCT	35.00	OZ
C2	AGROTAIN ULTRA 250 G...	0.00	GAL
EQ	RENT SPREADER OVER...	0.00	EA
EQ	RENT SPREADER UNDE...	0.00	EA
DL	DELIVERY CHARGE FER...	0.00	EA
DL	DELIVERY DFS FERTILIZ...	0.00	EA
SP	CUST DRY SPINNER	0.00	AC
SP	CUST DRY SPINNER VRT	0.00	AC
SP	CUST DRY AIR FLOW	0.00	AC

Blend/Application Comment: Crop: 2015 Previous Year Crop: Variable Rate (VRT) Units Per Acre LBS/Acre Custom Blend Guaranteed Analysis Anhydrous Work Order

Calc. Blend Inventory Blend...

Current Analysis: N P K B Ca Cu Fe Mg Mn S Zn

Save & Invoice Save Reset Exit

Agronomy Work Order—Pricing

Application: Formulation Products Pricing Batching & Comments Order No. / Location: 15579 43000. TESTING V8 5 DIGIT L

Pricing: Apply Retail Price Print Quote

Seq	Item	Description	Inv QTY	UOM	UPR	Amount
3	60075	46-0-0 UREA DRY	1.2500	TON	\$566.9500	\$708.69
14	60030	11-52-0 MAP DRY	2.5000	TON	\$833.2100	\$2,098.03
25	60000	0-0-61 POTASH DRY	2.5000	TON	\$700.0000	\$1,750.00
30	60135	PEL LIME HI-CAL DRY	0.7500	TON	\$595.9700	\$446.98
31	60061	21-0-0 AMS DRY	2.5000	TON	\$1,361.1100	\$3,402.78
			27.3438	GAL	\$48.2800	\$1,320.16
			100.0000	AC	\$6.9500	\$695.00
			100.0000	AC	\$6.0000	\$600.00
			100.0000	AC	\$8.0000	\$800.00

321.64 Total Fertilizers: \$ 8,406.48 Fertilizer/Acre: \$ 84.06
 118.22 Total Chemicals: \$ 1,320.16 Chemical/Acre: \$ 13.20
 227.58 Total Services: \$ 2,095.00 Services/Acre: \$ 20.95

Save & Invoice Save Reset Exit

Agronomy Work Order—Products

Application: Formulation Products Pricing Batching & Comments Order No. / Location: 15579 43000. TESTING V8 5 DIGIT L

Add Item to Blend Rate / Acre Total Units

Item	Description	QTY/Acre	UOM	Inv QTY	UOM	Use	Blend	Rollup	Total LBS	Liq
60075	46-0-0 UREA DRY	25.0000	LBS	1.2500	TON	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2,500.0000	<input type="checkbox"/>
60030	11-52-0 MAP DRY	50.0000	LBS	2.5000	TON	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5,000.0000	<input type="checkbox"/>
60000	0-0-61 POTASH DRY	50.0000	LBS	2.5000	TON	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5,000.0000	<input type="checkbox"/>
60135	PEL LIME HI-CAL DRY	15.0000	LBS	0.7500	TON	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1,500.0000	<input type="checkbox"/>
65425	SULFUR 90%	0.0000	LBS	0.0000	LBS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.0000	<input type="checkbox"/>
60061	21-0-0 AMS DRY	50.0000	LBS	2.5000	TON	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5,000.0000	<input type="checkbox"/>
65580	ZINC WOLF TRAX	0.0000	OZ	0.0000	LB	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.0000	<input type="checkbox"/>
53560	INSTINCT	35.0000	OZ	27.3438	GAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	254.2969	<input checked="" type="checkbox"/>
50311	AGROTAIN ULTRA 250 GAL	0.0000	GAL	0.0000	GAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.0000	<input checked="" type="checkbox"/>
61100	DELIVERY CHARGE FERTILIZER	0.0100	EA	1.0000	EA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.0000	<input type="checkbox"/>
61101	DELIVERY DFS FERTILIZER	0.0000	EA	0.0000	EA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0.0000	<input type="checkbox"/>

Blend Adjustments: Set Rate/Acre: LBS Adjust

Blend Totals: Gallons per Acre: 0.27 27.34 Gallons
 LBS per Acre: 192.54 19,254.30 Pounds
 Density / WPG: 63.23 9.63 Ton

Current Analysis: N P K B Ca Cu Fe Mg Mn S Zn
 14.28 13.50 15.84 0.00 0.00 0.00 0.00 0.00 0.00 6.23 0.00

Delete

Save & Invoice Save Reset Exit

Agronomy Work Order—Products

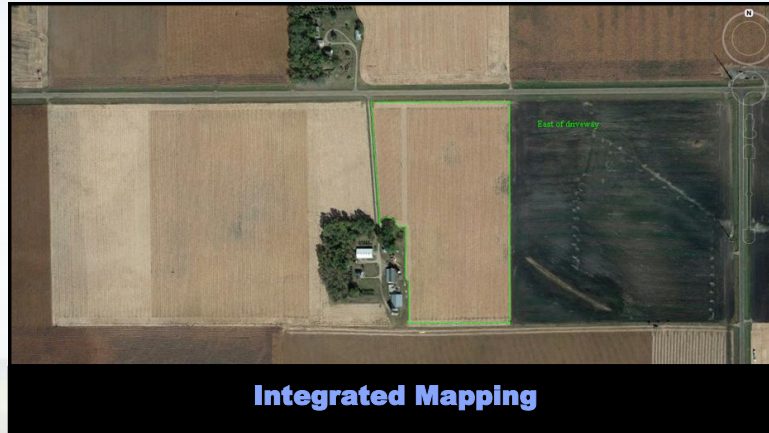
AgVantagePC™ Agronomy

Farm & Field with Integrated Mapping



FEATURES & BENEFITS

- ◆ Map image files may be opened in Edit mode to highlight a field and create notes directly on the image.
- ◆ Ability to have the field map open for the option to print when an order is created for the field.



AgVantagePC™ Agronomy Dispatching

Features & Benefits

- ◆ Centrally dispatch to multiple blending locations
- ◆ Track which orders have been dispatched, blended, invoiced, and cancelled

Agronomy Work Orders

Filter orders created or scheduled on or after: 10/28/2012

Order Type: Work Orders | Blend Type: All Orders | Status: All Orders | Account: [] | All Locations: [] | Default Loc(s): [] | Refresh

Order	Account	Name	Loc	Date	Acres	Pick #	VRT	Deliver	Status	Dispatch Loc	Notes
10745	23206	LaVern R Meyer	...	11/23/2012 8:56 AM	10.00		<input type="checkbox"/>	11/23/2...	Open		
10744	23206	LaVern R Meyer	...	11/23/2012 8:56 AM	10.00		<input checked="" type="checkbox"/>	11/23/2...	Open		
10743	23206	LaVern R Meyer	...	11/21/2012 9:22 AM	10.00		<input type="checkbox"/>	11/21/2...	Cancelled		NOTES H
1121000	126602	Turanga Leela	...	11/21/2012 9:22 AM	50.00		<input type="checkbox"/>	11/21/2...	Open		
10742	23205	Jesse T Forstner	...	11/21/2012 9:22 AM	100.00		<input type="checkbox"/>	11/21/2...	Open		NOTES H
10741	23205	Jesse T Forstner	...	11/16/2012 8:28 AM	100.00		<input type="checkbox"/>	11/16/2...	Open		
111500	126600	Hubert Farnsworth	...	11/15/2012 9:22 AM	1.00		<input type="checkbox"/>	11/15/2...	Dispatched		
10740	23205	Jesse T Forstner	...	11/23/2012 8:56 AM	100.00		<input type="checkbox"/>	11/23/2...	Dispatched		
10739	23205	Jesse T Forstner	...	11/13/2012 8:28 AM	100.00		<input type="checkbox"/>	11/13/2...	Open		
10738	23206	LaVern R Meyer	...	11/12/2012 9:22 AM	1.00		<input type="checkbox"/>	11/12/2...	Open		
10737	23206	LaVern R Meyer	...	11/12/2012 9:11 AM	1.00		<input type="checkbox"/>	11/12/2...	Open		

Context Menu for Order 10744:

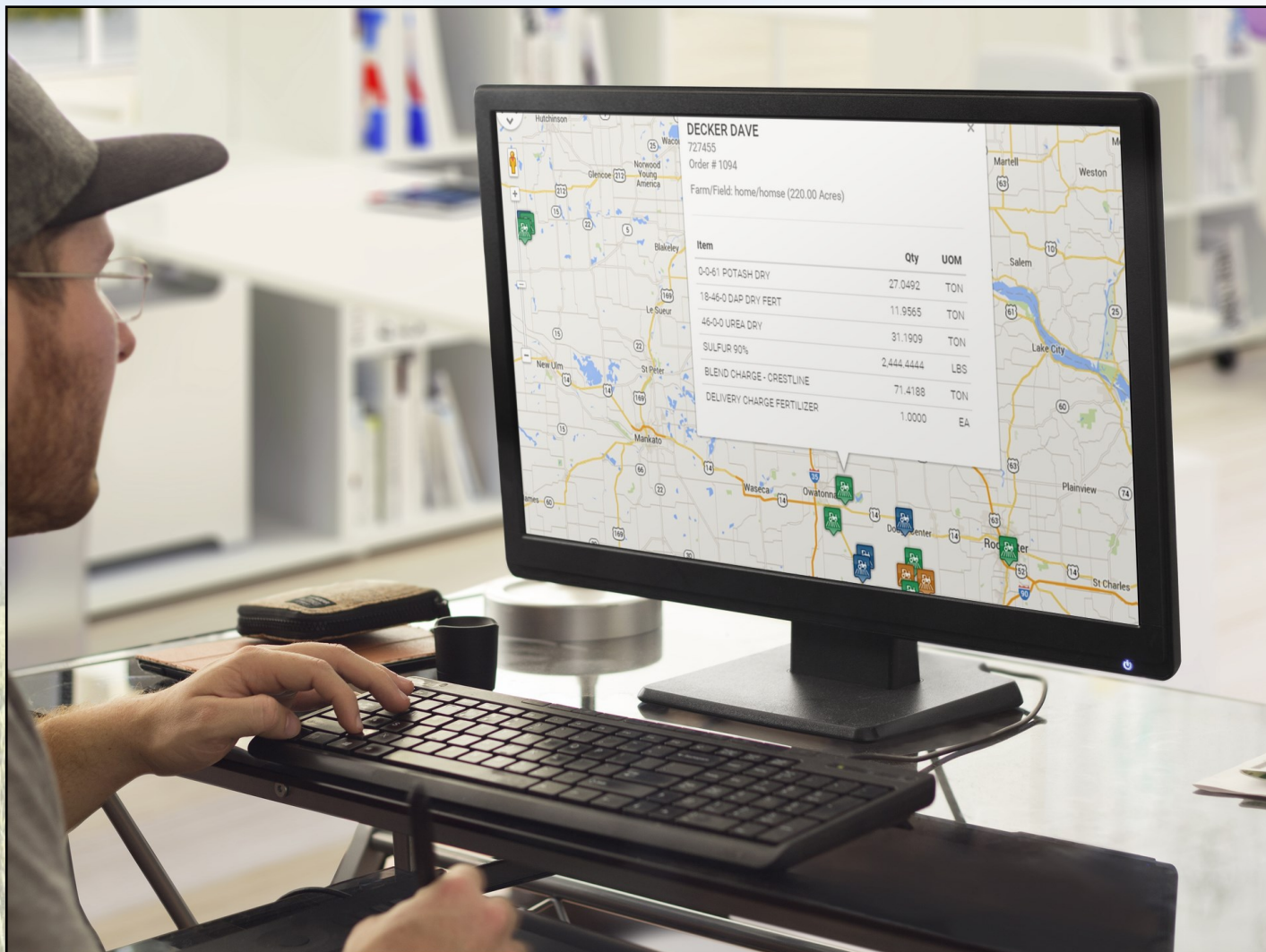
- Edit Order...
- Copy Order...
- Print or Send to Blender...
- Set Status
 - Open
 - Mapped
 - Dispatch...
 - Blended
- Rollup Split Blends...
- Cancel...

Seq	Item	Description	Rate	UOM	Quantity	UOM	Weight
1	55203	MAP 10-50-0-4.5FE		50.00 LBS	0.25	TON	500
2	55000	POTASH 0-0-60 BULK		50.00 LBS	0.25	TON	500
3	11060	21-0-0-24 FERT		0.00 LBS	0.00	LBS	0
4	55400	UREA 46-0-0 BULK		50.00 LBS	0.25	TON	500
5	55402	UREA 44%		0.00 LBS	0.00	TON	0
6	PELL	PEL-LIME		0.00 LBS	0.00	LBS	0
7	A731	SULPHUR 0-0-0-90		0.00 LBS	0.00	LBS	0

New... Copy... Edit... Print... Live Data (Connected)

Agronomy Work Order

AgVantage Edge Agronomy Dispatching



Edge Agronomy Dispatching

AgVantage Edge Agronomy



Ag Agronomy Order Application

- All Orders/Operators - | 2015 | - Liquid & Dry - | Filter Orders

Order #	Status	Name	Comment	Order Date	Scheduled	Acres	Remaining	
1694	D	JON SNOW		09/16/2015	09/16/2015	75.00	75.00	Action
4027	D	BENSON BRANTLEY		05/11/2015	10/01/2015	120.00	120.00	Action
4033	D	HOFFMAN HERBERT		05/12/2015	10/01/2015	80.00	80.00	Action
43834	B	TOMSON JESS	map lat/long correct?	10/02/2015	10/02/2015	80.00	80.00	Action

Ag Agronomy Order Application

Ag Agronomy Field Application

Customer: TOMSON JESS | Workorder: 43834 | Destination: Map Location | Details

Item	Type	Desc	Rate	UOM	Quantity	UOM	
60045	F	18-46-0 DAP DRY FERT	80.0000	LBS	3.2000	TON	Action
60000	F	0-0-61 POTASH DRY	65.0000	LBS	2.6000	TON	Action
65425	C	SULFUR 90%	10.0000	LBS	800.0000	LBS	Action
60700	S	CUST DRY AIR FLOW	1.0000	AC	80.0000	AC	Action

Save | Cancel

Ag Agronomy Field Application

Ag Agronomy Field Application

Customer: TOMSON JESS | Workorder: 43834 | Destination: Map Location | Details

Address	Work Order Details	Fields
1234 MYWAY LANE CITY, MN 55555 jesstomsonemail@email.com P: 507-555-4102 C: 507-299-6324	Acres: 80.00 Applied: 0.00 Total Ton: 6.2000 Date: 10/02/2015 Scheduled: 10/02/2015	Meyer's 80 North of site (GpaHom-MEY80) 80.00 ac

Comments: map lat/long correct?

Displays Additional Information Regarding Blend Order & Customer

AgVantage Edge Agronomy



Features & Benefits

- ◆ Applicator can select their name from a drop down list to see orders assigned to their name only.
- ◆ Records start date/time of application and brings up items used and available to be used on the order
- ◆ Field conditions may be selected and logged while in the field.
- ◆ Quantities may be changed in the field and then billed.

Customer TOMSON JESS	Workorder 43834	Destination Map Location
Rate/Acre 80	Total Quantity 3.2	
Unit of Measure LBS	Unit of Measure TON	
Set Rate/Acre	Set Quantity	

Edit the Rate/Acre or Total Quantity and Set Quantity of Product Applied

EDGE AP Agronomy Print Spool Logoff

Customer TOMSON JESS	Workorder 44102	Destination View Map	Salesperson Agronomy Salesman 1	Start Time 04/14/2016 11:55:50	Details ▼
Applicator SR APPLICATOR	Tender - na -	Acres Sprayed/Applied 80	<input type="checkbox"/> Recalculate quantity <small>* Overwrites quantities with the item's rate per acre times the total acres</small>		
Machine TERRAGATOR					
Field Conditions Dry	Temperature 61-65	Method Conventional	Previous Order		
Soil Type Peat	Wind Speed 5-6	Tip Size	Notification		
Soil Conditions Dry	Wind Direction SW	Pressure 20-30 PSI	<input type="checkbox"/> Rinsed Previous		
Weather Sunny		Carrier	<input type="checkbox"/> Rinsed Post		
			<input type="checkbox"/> Rotate Rest		
Notes					

[Save & Complete](#) [Save Partial](#) [Cancel](#)

Agronomy Field Application Screen

AgVantagePC™ Invoicing

FEATURES & BENEFITS

- ◆ Invoice orders directly from AgVantagePC Agronomy when PC has both programs
- ◆ Supports price levels and contracts (prepay/bookings)
- ◆ Adjusts quantities with scale weights on the fly

AgVantagePC Agronomy

Blending

New → **Integrated with Invoicing**

Working Together

Software also includes Dispatching, Planning and Mapping

AgVantagePC Invoicing Software



AgVantagePC Container Tracking



Features & Benefits

- ◆ Track containers by a unique ID
- ◆ Container Units of Measure tracked for gallons/pounds, etc...
- ◆ Track main location for tanks, ownership, maximum units the container can hold, and the type and manufacturer of the container
- ◆ Track container activity, such as filled, emptied, cleaned, shipped returned, stored, and/or inspected
- ◆ Record individual seal and valve by serial number as well as the condition of the seal/valve
- ◆ Reports—container history since selected date, or all history of the container
- ◆ Synchronize data between your server and your PC

AgVantagePC™ Seed

SEED - FEATURES & BENEFITS

- ◆ Create Grower Orders
- ◆ Add treatments to a seed
- ◆ Ability to run stand alone or connected
- ◆ Track pricing for creating prepayments to be invoiced later
- ◆ Easily manage substitutions
- ◆ Create prepay and booking contracts
- ◆ Simplify invoicing by tracking pricing at time of order



SEED WORK ORDERS

Filter orders created or scheduled on or after: 12/01/2015

Order Type: Farm Plans | Blend Type: Seed Orders | Status: All Orders | Account: [] | All Locations: [] | Default Loc(s): [] | Refresh [] | Search []

Order	Account	Name	Loc	Date	Acres	Salesman	Comments	VRT	Deliver	Status	Notes	Fam	Field	County	Township	Sec	Printed	Machine	Operat
2570	736179	Jon S Snow	1	1/4/2016 10:48	1.00				1/4/2016	Open	SEED								
2569	736179	Jon S Snow	1	12/30/2015 10:00	1.00				12/30/2015	Dispatched	SEED								
2568	736179	Jon S Snow	1	12/22/2015 8:21	1.00				12/22/2015	Open	SEED								
5121801	126600	HUBERT FARNSWORTH	1	12/17/2015 1:21	1.00	1077 DALEK SUPRE			12/17/2015	Dispatched	SEED								
2567	736179	Jon S Snow	1	12/17/2015 7:52	1.00				12/17/2015	Dispatched	SEED								
5121500	126600	HUBERT FARNSWORTH	1	12/15/2015 6:58	1.00	1077 DALEK SUPRE			12/15/2015	Dispatched	SEED								
2566	736179	Jon S Snow	1	12/7/2015 10:30	1.00				12/7/2015	Open	SEED								
5120104	126600	HUBERT FARNSWORTH	1	12/7/2015 9:24	1.00				12/7/2015	Open	SEED								
2565	736179	Jon S Snow	1	12/4/2015 3:55	1.00				12/4/2015	Dispatched	SEED								
5120103	126600	HUBERT FARNSWORTH	1	12/4/2015 1:43	1.00				12/4/2015	Open	SEED								
2564	736179	Jon S Snow	1	12/4/2015 9:19	1.00				12/4/2015	Dispatched	SEED								

Jon S Snow
COD Status: OK
Loc / Salesperson: 001. AGVANTAGE SOFTWARE
Price Level: []
Population: Com: 32000, Beans: 160000

Products | Additional Comments

Seq	Crop	Brand	Product	Units	Price	Rate	Amount	Comments	Balance
10	CORN	MONSANTO	S DKC27-55RIB AR GENVT2P RIB S...	25.00	\$229.68	0	\$5,742.00		10.00
20	CORN	MONSANTO	S DKC27-55RIB AR2 GENVT2P RIB 8...	25.00	\$195.85	0	\$4,896.25		0.00
30	SOYBEA...	MONSANTO	S AG00133 GENRR2Y 140M Inscst+Fu...	25.00	\$274.00	0	\$6,850.00		25.00
40			T TREATMENT - PPST	25.00	\$2.50	0	\$62.50		0.00
50	SOYBEA...	MONSANTO	S AG2632 GENRR2Y SC-BULK-FG	25.00	\$61.00	0	\$1,525.00		25.00
60			T TREATMENT - PPST	25.00	\$2.50	0	\$62.50		0.00

Discount	Rate	Savings	Units
SEED LOCAL V...	5	950.66	100
MONSANTO V...	0	0.00	0
EARLY CASH D...	3	541.88	100

Brand	Units	Amount
MONSANTO	100.00	\$19,013.25

Subtotal: 19,138.25

Discounts: 1,492.54

Total: 17,645.71

Save [] Close []

SEED PLANS

For pricing information, please contact Michelle Blomberg, michelleb@agvantage.com or 877-282-6353.
107 Wood Lake Drive, SE, Rochester, MN 55904 www.agvantage.com

eAgVantage™ Commodity DPR

FEATURES AND BENEFITS

- ◆ Keep Daily Position on commodities like fuel, fertilizer, feed and fuel
- ◆ Create Purchase Contracts in eAgVantage
- ◆ Inventory Received & Accounts Payable relieve contracts
- ◆ Spot sales and purchases relieve contracts
- ◆ More cost effective contracting for tighter margins!

Run Report Apply

Report Description: Propane
 Report ID: Propane
 Number of Periods: 4

Periods			
Period	Start	End	
1	09-SEP	11-NOV	
2	12-DEC	02-FEB	
3	03-MAR	05-MAY	
4	06-JUN	08-AUG	

Items

Item Choices	Function	Position Item Selection List
Show items starting with A LIQN28	<input type="button" value="Add"/> <input type="button" value="Remove"/> <input type="button" value="Clear All"/>	50060 = AATREX 9-0 25# 600 = PROPANE 601 = PROPANE RETAIL 604 = PROPANE GRAIN DRYER 607 = PROPANE AG COMMERCIAL

Position Limits

High Limit: 650000
 Low Limit: 50000
 No Limit

Work Orders

Agronomy Anhydrous AR
 Quantity Divisor(Optional): 0.0000

Report Choices

COMMODITY DPR—POSITION DEFINITION

Propane Market Position

Report Date: 05/29/2015

	MAR - MAY 03/01/15 - 05/31/15	JUN - AUG 06/01/15 - 08/31/15	SEP - NOV 09/01/15 - 11/30/15	DEC - FEB 12/01/15 - 02/28/16	Totals
Inventory on hand	626,434				
Inventory in transit	1,000				
Rack purchases	0				
Purchase contracts	0				
Sales contracts	0				
Spot sales	0				
Adjustments	0				
Ending inventory	627,434				627,434
Work Orders	0				0
UnCommitted Inventory:	627,434				627,434
Open purchase contracts	108,015	0	0	0	108,015
Open Sales - Booked	-44,364	-2,500	-252,500	0	-299,364
Open Sales - Prepaid	-213,809	0	-1,500	0	-215,309
Work Order Adjustment	0				0
Net cash position	477,276	-2,500	-254,000	0	220,776
Planned Orders	0				
Total hedge include basis					
Total hedge exclude basis					
Total net position					
Inventory basis risk /s					
Basis contract units at risk					

COMMODITY DPR—PURCHASE CONTRACTS