



Department of
Agriculture and Food



GRDC Grains Research &
Development Corporation
Your GRDC working with you

Managing On-Farm Grain Storage Using ProductionWise®

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25th February 2015





What is ProductionWise?

- Integrated online farm management system
- Mapping – Management – Monitoring – Reporting
- ProductionWise
 - Free record keeping and reporting platform
 - Subscription decision support tools
 - Climatics, APSIM, NDVI Tracking, Drought Monitor, Gross Margins
 - APP available
 - Advisor access to manage growers
- Developed by Grain Growers Limited

www.productionwise.com.au

PRODUCTION *Wise*[®]
ONLINE CROP MANAGEMENT



My Grain – Manage Your Stored Grain

- Most comprehensive available
- Integrates all paddock harvest records
- Full grain management recording
- Manage sales and contracts
- Full traceability & reporting

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Map Your Farm Storage Easily



Navigation: Paddock | **Storage** | Other Shape

Name: Silo 1

Storage Type: Cone Bottom

Total Tonnage: 300

Sealed: ☒

Aeration: ☒

Dryer Type: Continuous Flow

Manufacturer: Allied Grain Systems

Model: 24*10 (366 m³)

Buttons: [Delete] [Save] [Close]

Inset Map: Silo 2, Silo 3

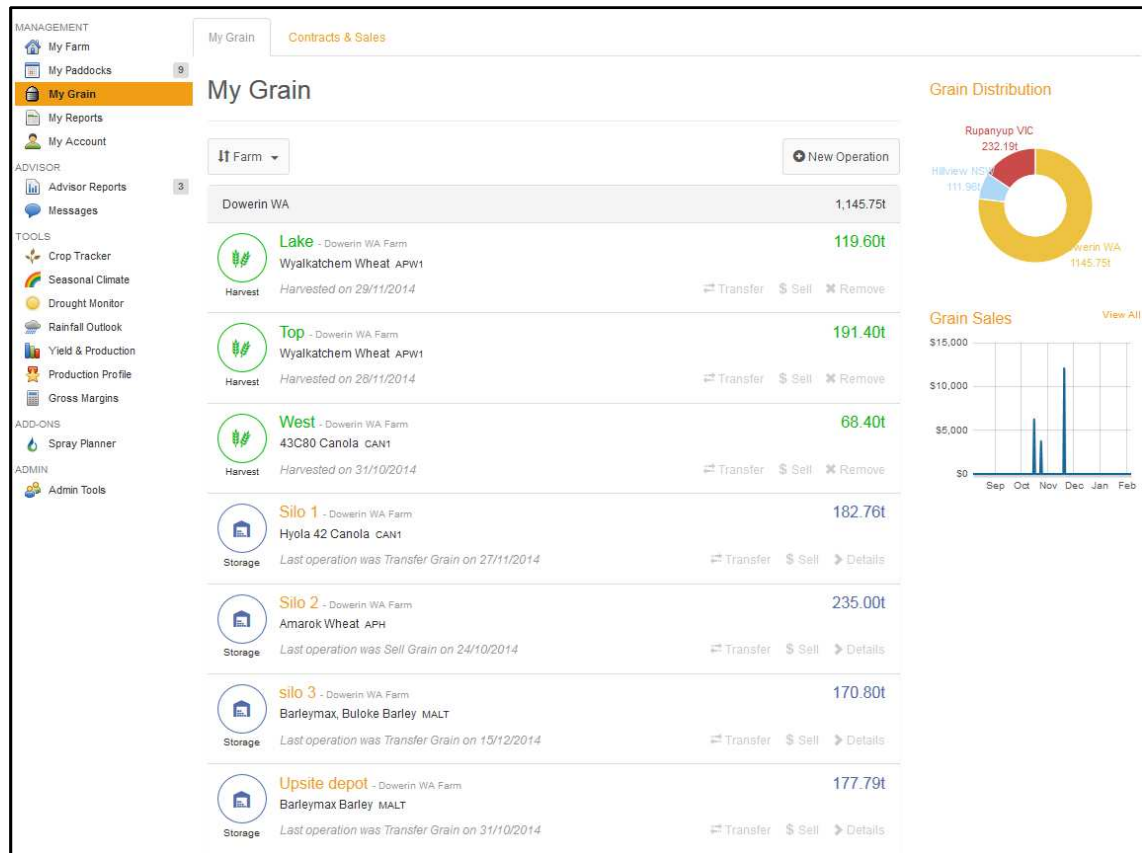
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My Grain - Summary of Stored Grain

- Overview of all storages across all farms
- Harvested paddocks appear as grain sources
- Provides current fill status for each storage / asset management
- Easily manage bulk transfers, operations and activities for multiple storages

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Grain Storage 'Transaction Log'

- Itemised list of grain storage operations recorded
- Operations recorded:
 - Aeration
 - Cleaning
 - Fill (off farm source)
 - Inspection
 - Pesticide Application
 - Grain Sale
 - Transfer
 - Adjustment
- Details for each operation
- Traceability

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MANAGEMENT

- My Farm
- My Paddocks
- My Grain**
- My Reports
- My Account

ADVISOR

- Advisor Reports
- Messages

TOOLS

- Crop Tracker
- Seasonal Climate
- Drought Monitor
- Rainfall Outlook
- Yield & Production
- Production Profile
- Gross Margins

ADD-ONS

- Spray Planner

ADMIN

- Admin Tools

silo 3 - Dowerin WA Farm

[New Operation](#)

Operations Displaying 1-6 of 8

Operation	Date	Amount	Source
Transfer In	16/12/2014	+118.80t	Buloke Barley MALT
Sources			
West	Dowerin WA Farm	118.80t	Buloke Barley MALT
Contract Sale	10/06/2014	-60.00t \$250.00/t	Barleymax Barley MALT
Sources			
	AGG Co-Op at ALBACUTYA / GrainCorp	110.00t	
	silo 3 - Dowerin WA Farm	60.00t	Barleymax Barley F3
	Upsite depot - Dowerin WA Farm	50.00t	Barleymax Barley MALT
Contract Details			
Futures Contract #abc123	- Due on 10/06/2014	100.00t \$250.00/t	Barley
Aerate Storage	05/06/2014		

170.80 t
Buloke, Barleymax Barley MALT

Manufacturer: Kotzur
Model: GPE 10-4-35
Storage Type: Cone Bottom
Total Tonnage: 200
Sealed: Yes
Aeration: Yes
Dryer Type: Not set

[Edit](#)

Transfer/Sale from Multiple Sources

Sell Grain

Please select grain source

Type	Source	Farm	Crop	Variety	Grade	Harvested On	Quantity
Dowerin WA							1,145.75t

☒ Harvest ☒ Storage

Sell Grain

Type	Source	Farm	Crop	Variety	Grade	Harvested On	Available Grain (t)	Sale Quantity (t)
Harvest	Lake	Dowerin WA	Wheat	Wyalkatchem	APW1	29/11/2014	119.6	<input type="text" value="119.60"/>
Harvest	Top	Dowerin WA	Wheat	Wyalkatchem	APW1	28/11/2014	191.4	<input type="text" value="80.4"/>

Total Quantity

Buyer *

Delivery Location *

Grade

Price (\$/t) *

Delivery Date *

- Multiple-source selection for grain sales or transfers
 - Source from grain harvests &/or existing grain storages
 - Crop specific selection removes cross-crop blending errors
-
- User defined quantities to suffice accurate sales and transfers

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Managing Contracts & Sales



My Grain		Contracts & Sales
Contracts & Sales		
		New Contract
Undelivered Contracts		Displaying 1-2 of 2
	Multi Grade Contract #TX32453 - Due on 30/11/2014 Wheat CBH at DOWERIN / CBH Group WA	350.00t \$285.00/t Deliver Edit Delete
	Cash Contract #BN54368CAN - Due on 18/03/2015 Canola - HOLL CBH at DOWERIN / CBH Group WA	130.00t \$535.00/t Deliver Edit Delete
Find All Results? <input checked="" type="checkbox"/>		New Sale
Grain Sales		Displaying 1-5 of 6
	Cash Sale - Delivered on 20/11/2014 Drum Canola CAN1 More	\$12,075.00 23.00t at \$525.00/t Edit Delete
	Cash Sale - Delivered on 24/10/2014 Amarok Wheat APH More	\$3,750.00 15.00t at \$250.00/t Edit Delete
	Cash Sale - Delivered on 16/10/2014 Barleymax Barley MALT More	\$6,250.00 25.00t at \$250.00/t Edit Delete
	Contract Sale - Delivered on 24/07/2014 Barleymax Barley MALT More	\$31,000.00 100.00t at \$310.00/t Edit Delete
	Contract Sale - Delivered on 10/09/2014 Barleymax Barley MALT More	\$27,500.00 110.00t at \$250.00/t Edit Delete

- Record and manage sales and contracts simply
- Enter contract details as they are taken out
- Finalise or deliver to contracts → full traceability of grain parcel delivered
- All finalised sales and contracts are listed chronologically
 - All sale details are recorded
 - All grain sources are detailed
 - Provides \$ value for each sale

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Grain Management Reporting



My Reports

Q Clean Storage from Aug 1, 2012 to Feb 6, 2015 for Dowerin WA [+ Add Search](#)

Operations **Inputs** [Print](#) [Email](#) [Export](#)

Storage Overview 3 storages were found

Farm	Storage	Size (t)	Applications
Dowerin WA	Silo 1	300	1
Dowerin WA	Silo 2	650	2
Dowerin WA	silo 3	200	2

Summary 3 results were found

Material	Product	Applications	Total Quantity	Total Cost
Cleaning Pesticide	Absorba-cide	1		
Cleaning Pesticide	Actellic 900	1		
Cleaning Pesticide	Cut 'N Dry	3		

Inputs

Date	Location	Implement	Material	Product	Rate	Cost/ha	Quantity
01/05/2013	Silo 2 at Dowerin WA		Cleaning Pesticide	Absorba-cide			
03/12/2013	silo 3 at Dowerin WA		Cleaning Pesticide	Actellic 900			
04/12/2013	silo 3 at Dowerin WA		Cleaning Pesticide	Cut 'N Dry			
05/02/2014	Silo 1 at Dowerin WA		Cleaning Pesticide	Cut 'N Dry			
05/02/2014	Silo 2 at Dowerin WA		Cleaning Pesticide	Cut 'N Dry			

- Flexible reporting on all grain storages
 - Date, Farm, Storage, Crop, Variety, Grain operation type
- Determine timing and frequency of specific operations. e.g. chemical applications
- Assess inputs used to treat grain
- Resistance management
- Grain quality management
- Create vendor declaration for grain parcels
- Export to PDF or Spreadsheet

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On-Farm Grain Quality Assessment



- Australia's first low cost fully portable NIR grain monitor
- Internal battery with 12V/240V power enables in-field grain measurements
- Durable design and easy to carry - great resource for the ute or the header
- Calibrated to National standards
- Canola temperature stabilisation calibration to ensure accuracy
- Accurate to 0.01% to your local receival site
- Available through GrainGrowers for **\$10,450** inc. GST



In Summary

- Integrated approach to managing stored grain
 - Efficiency: One platform – many decision tools
- Necessary tool for traceability
 - Quality control – paddock to sale
- Grain asset management
 - Maximise profits
- Developed by GrainGrowers - Free to all users



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Questions?

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