

Sponsors

The board of the Hart Field-Site Group would like to acknowledge the generous financial contribution of our sponsors.

Principal Sponsor



Sponsors



Research supporters



Australian Government
Department of Agriculture,
Fisheries and Forestry



Collaborators



Hart 2026 calendar

HART FIELD DAY

September 15

Our main Field Day attracts over 500 visitors from all over South Australia and further afield.

Every half hour a block of eight sessions are run simultaneously with highly regarded specialists speaking at each trial. Our comprehensive take-home Field Day Guide is included in your entry fee.

The Hart Field Day is our main event of the year.



Hart AGM

October 2026

Getting The Crop In

March 11

8am – 12:30pm

At this annual seminar, researchers and industry guest speakers from across the county cover a wide range of topics, all relevant to broadacre cropping.

Winter Walk

July 21

9am – 12pm

An informal guided walk around the trial site; your first opportunity to inspect the site post-seeding with guest speakers presenting their observations on current trials.

They are on hand to answer questions and will also share their knowledge on all the latest cropping systems and agronomic updates.

Spring Twilight Walk

October 20

5pm followed by BBQ

Another informal opportunity to inspect the trial site, this time just prior to harvest. Key researchers and industry representatives are again present in the field to answer your questions.

This event is followed by drinks and a BBQ in the shed - a great opportunity to network.



Acknowledgements

The success of our research program could not be achieved without the contribution of a large number of people and organisations.

Supporters

We thank the numerous growers and consultants who provide various contributions, from knowledge and experience through to land and equipment for conducting trials.

Craig Davis	Matt Dare	Chris Preston
Roger Kimber	Rob & Glen Wandel	Peter Baker
Andre Sabeeney	Trevor Day	Matt Williams
Stuart Sherriff	Scott Weckert	Richard Verner
Andrew Cootes	Anthony Pfitzner	James Henderson
Kelvin Tiller	Glen Wilkinson	Wade Hogg
Rob & Dennis Dall	Justin, Bradley & Dennis	Braydon Keech
Daniel Neill	Wundke	Luke Dohnt
James Venning	Simon Honner	Mick Faulkner

We would also like to thank various organisations for the provision of seed and/or products that were trialed in the 2025 research program.

ADAMA	Agriculture Victoria –	Agfert
FMC	lentil breeding program	Barenbrug
SARDI Clare	LongReach Plant Breeders	Pioneer Seeds
Advanta Seeds	Seednet	Syngenta
Global Grain Genetics	Agspec	BASF
Agriculture Victoria –	Nufarm	Plant Science Consulting
field pea breeding program	Pacific Seeds	Bayer Crop Science
InterGrain	Australian Grain	Corteva Agriscience
SARDI Agronomy &	Technologies	S & W Seeds
Crop Sciences	Nuseed	RAGT
AGF seeds		

Thank you also to the following people who volunteer on Hart's Research Committee.

Rob Dall	Rob Price	Scott Carmichael
Matt Dare	Stuart Sherriff	Ben McInerney
Ash Hentschke	Scott Weckert	Nick Longmire
Simon Honner	Glen Wilkinson	
Simon McCormack	Jana Dixon	

We welcome Tom Gameau and Kenton Porker to this committee in 2026.

Our guiding principles

OUR PURPOSE

To deliver value to growers and make agriculture better
(in productivity, sustainability & community)

OUR VISION

To be Australia's premier cropping field site, providing independent information and enhancing the skills of the agricultural industry

OUR VALUES

Independence

in order to provide unbiased results

Relevance

to issues facing farmers

Integrity

in all dealings

Credibility

through providing reliable, quality information

Professionalism

in the management of the site and presentation of trials

Value for money

low cost of information to farmers

Hart management

Hart board

Glen Wilkinson (Snowtown) Chairman, Sponsorship
Ryan Wood (Clare) Vice-chairman, Sponsorship
Sandy Haskell (Clare) Executive Officer
Dale Callary (Clare)..... Treasurer
Matt Dare (Marola)..... Commercial Crop Manager, Sponsorship
Scott Weckert (Blyth) Sponsorship, Community Engagement
Andre Sabeeney (Clare) Board member
Rob Dall (Kybunga)..... Board member
Stuart Sherriff (Clare)..... Board member
James Venning (Barunga Gap)..... Board member
Simonne Read (Adelaide)..... Board member
Zack Zweck (Kadina) Board member (*from October 2025*)
Simon Honner (Blyth)..... Board member (*to October 2025*)

Hart staff

Rebekah Allen.....R&E Manager (<i>maternity leave from October 2025</i>)	Sandy Haskell Executive Officer
Kaidy Morgan.....Research Lead	Robyn Howard Finance Officer
Mikaela Tiller.....Research Officer	Simone Lawry Admin Officer
Emily NewtonResearch Assistant	Gabrielle Hall Media

Site Management

Hart Field-Site Group:

Rebekah Allen, Kaidy Morgan, Mikaela Tiller, Emily Newton, Stella Lay and Rhiannon Michael.

SARDI, Agronomy Clare:

Patrick Thomas, John Nairn, Navneet Aggarwal, Dylan Bruce, Trevor Lock, Caitlin Parsons and Hugh Drum.

Contact us in person...

Chairman

Glen 'Chip' Wilkinson
0427 662 207

Research Lead

Kaidy Morgan
0409 390 558

Executive Officer

Sandy Haskell
0427 423 154
<mailto:admin@hartfieldsite.org.au>

Or find out more about us...





Hart Field Day

September 15, 2026

www.hartfieldsite.org.au

The Hart site

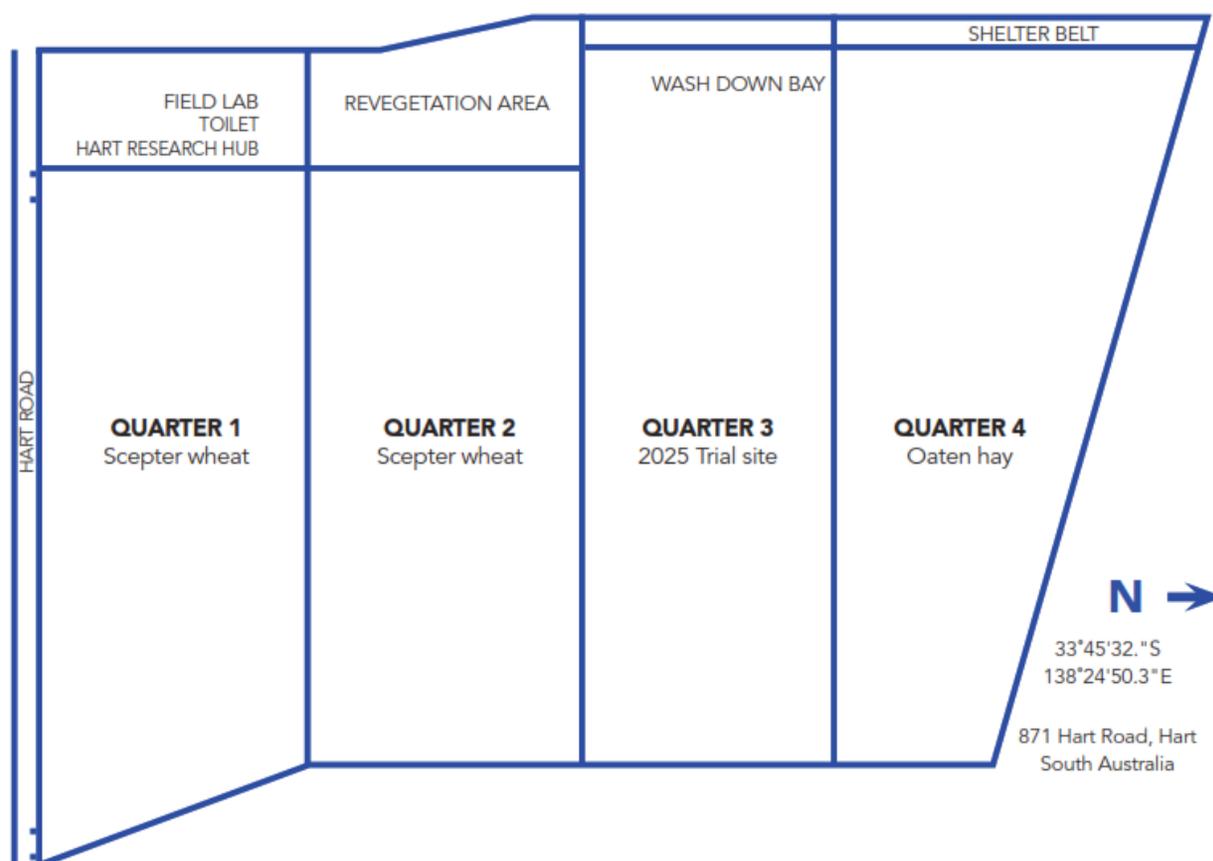
The Hart field site consists of 40 hectares owned by the group.

It is managed as four quarters (shown below) that are rotated each year.

In 2025, our trials were held in Quarter 3.

Quarters 1, 2 and 4 make up our commercial crop:

- Q1 & Q2 were sown to Scepter wheat
- Q4 was sown to oaten hay (to be cut in preparation for the following year's trial site).



Facilities at the Hart site also include:

- Field lab – for workspace and sample processing
- Hart Research Hub – for workshops, events & meetings
- Storage shed
- Washdown bay
- Toilet
- Fully fenced re-vegetation area

Hart commercial crop report

Matt Dare

Commercial Crop Manager, Hart Field-Site Group

The 2025 Hart commercial crop was sown with Scepter wheat in Quarters 1 & 2 of the site. Quarter 4 was sown with oats and cut for hay in preparation for 2026 trials.

The commercial crop was sown dry on May 7 at 90 kg/ha. Fertiliser (23:15) was applied at 70 kg/ha at sowing.

Emergence did not occur until mid-June, following 8.6 mm of rain on May 27.

Pre-emergent herbicide; 118 g/ha Sakura and 2.0 L/ha Triallate, was applied and incorporated by sowing.

Urea was applied at 50 kg/ha on July 24. A top up application was planned but a decision was made not to apply due to minimal stored soil moisture.

A broad leaf herbicide was applied on August 7; 25 ml/ha Priority, 440 ml/ha MCPA LVE570, 60 ml/ha Lontrel Advance and 250 ml/ha Epoxiconazole125 + 0.5% v/v uptake oil.

Harvest was completed on November 20 and resulted in a yield of 2 t/ha, graded at H2 quality.

The Hart Field-Site Group board would like to thank Matt Williams for sowing, spraying, spreading and harvesting the commercial crop this season. We also thank Rob Wandel for sowing, cutting and baling the oats and ADAMA for donating the Priority herbicide used.



The 2025 season at Hart

Mikaela Tiller and Kaidy Morgan
 Hart Field-Site Group

With Decile 2 (176 mm) growing season rainfall (GSR) in 2024 and below average summer rainfall that followed in the Mid North region, stored soil moisture was low coming into the 2025 growing season (Figure 1 and 2). The dry conditions and late start increased reliance on late season rainfall to increase yield potential for all crops across the Hart field site.

Seeding commenced at Hart on April 24, with dry sowing of pre-emergent herbicide time of sowing, profitable yield frontiers and dry seeding mitigation trials. Rainfall was minimal and sporadic with a total of 25.8 mm across March and April. The majority of trials were sown dry or delayed, with sowing continuing throughout mid-late May and June. Emergence was first observed on site in mid-June, with the last trial sown on July 7.

Above average rainfall for July (73.4 mm), including the largest rainfall event for the year (July 10 – 23.4 mm), favoured early crop development. No rainfall event during the growing season infiltrated to deeper than 40 cm (Figure 3). Below average rainfall was observed for the remainder of the year.

The dry finish to the season saw harvest commence on November 5 at Hart and conclude on December 5.

Hart received a total of 262.6 mm of annual rainfall (397 mm average) for 2025 and 223 mm of growing season rainfall (GSR) (288 mm average), equivalent to a Decile 3 (30th percentile) growing season when compared to the past 100 years.

Growing conditions across the Mid North in 2025 were variable, with some areas receiving timely rain, which increased yield potential. At Hart however, dry conditions resulted in below average yields and quality.

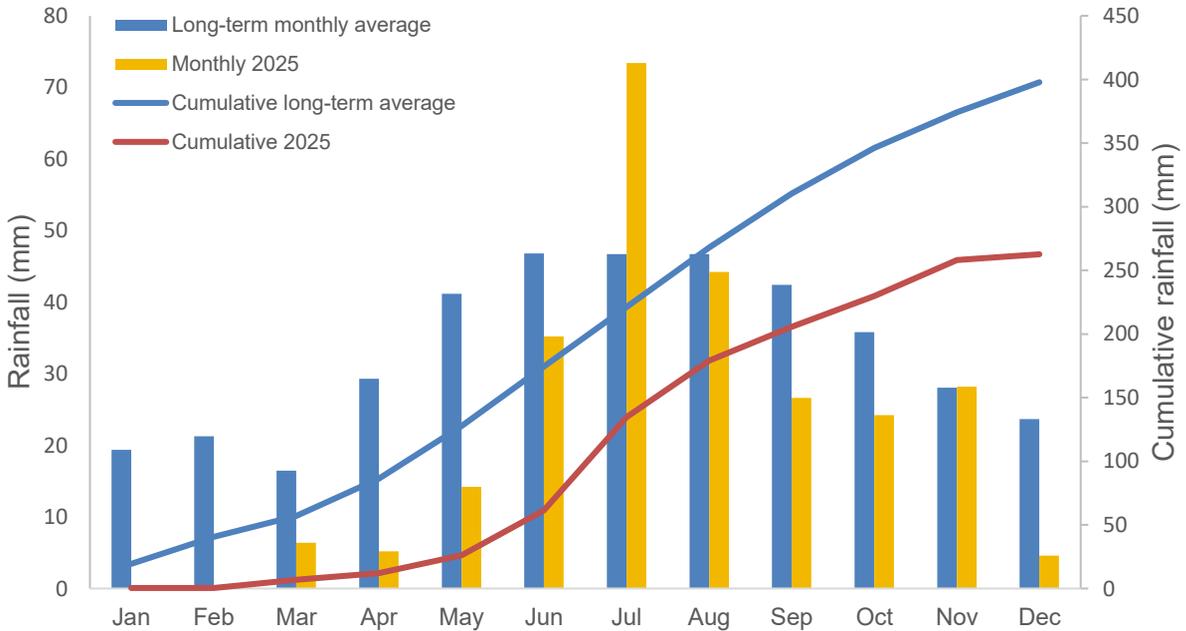


Figure 1. Hart rainfall graph for the 2025 season and long-term average. Lines are displayed to present cumulative rainfall for 2025 (red) and long-term average (blue). Sourced from [Mid North Mesonet](#).



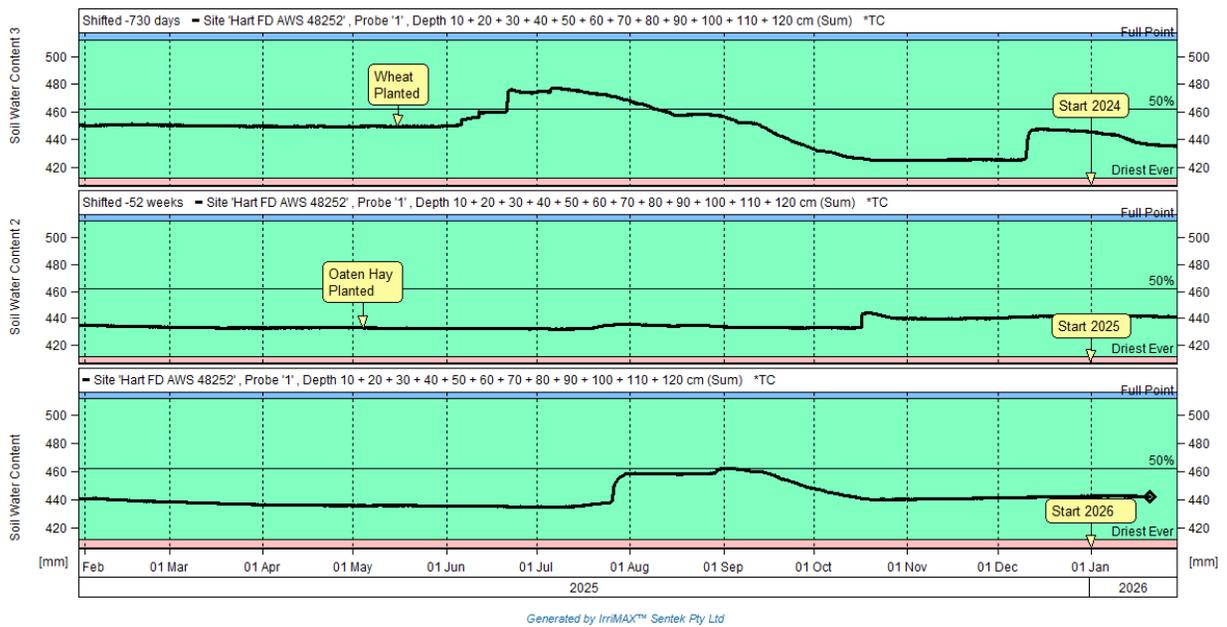


Figure 2. Soil moisture probe summed comparison (120 cm) for 2023 (top), 2024 (middle) and 2025 (bottom) at the Hart field site. Hart soil moisture data is free to view thanks to Agbyte. <https://agbyte.com.au/clients/hart/>.

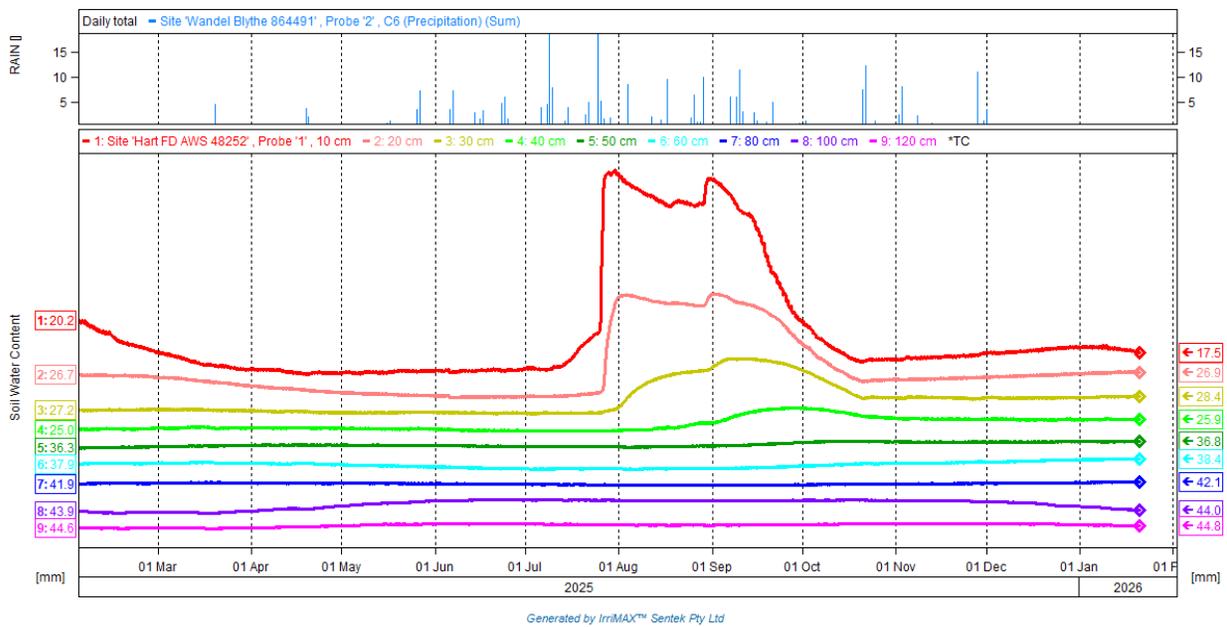
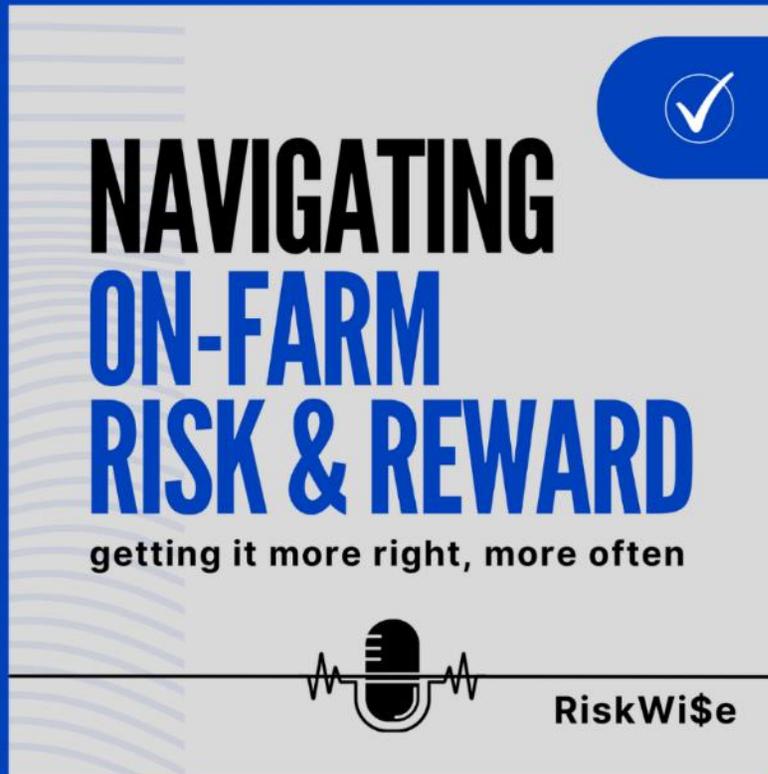


Figure 3. Soil moisture probe stacked sensor for the 2025 growing season at the Hart field site. Hart soil moisture data is free to view thanks to Agbyte: <https://agbyte.com.au/clients/hart/>

NEW RESOURCES FROM HART



NAVIGATING ON-FARM RISK & REWARD

getting it more right, more often

RiskWi\$e



LISTEN ON SPOTIFY

LISTEN ON APPLE

RiskWi\$e
NAVIGATING ON-FARM RISK & REWARD
getting it more right, more often

RiskWi\$e
NAVIGATING ON-FARM RISK & REWARD
getting it more right, more often

<https://www.hartfieldsite.org.au/pages/resources/videos-podcasts.php#PODCASTS>

Pre-emergent herbicide DECISION GUIDE

for loam soils
(knife-point press wheel system)

Selecting a pre-emergent herbicide can be challenging, particularly when seasonal rainfall is uncertain

This decision guide will help you quickly identify which herbicides are suitable based on your current conditions and their risk factors across different rainfall outcomes



IMPORTANT NOTES:

No person should act on the basis of the contents of this publication without first obtaining specific, independent, professional advice. Assumptions are made based on loam soil type and it is important to note that there is added risk for sandy, low organic matter and stony soils.

<https://www.hartfieldsite.org.au/pages/resources/grower-guides.php>



How we help you

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across SA and beyond

Ask us about a 2026 / 2027
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hartfieldsite.org.au/pages/sponsors.php