



SA CROP
TECHNOLOGY
CENTRE

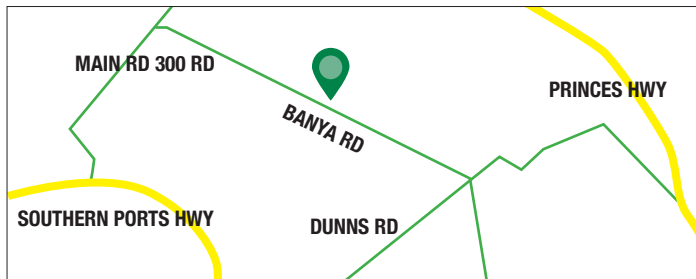


FAR Australia invites you to attend the 2020 Hyper Yielding Crops Field Day (SA)

WHEN: Thursday 22 October 2020
11am to 4.30pm including packed lunch

HYC canola research 11am–12.30pm,
cereal research 1.30–4.30pm

WHERE: Banya Road, Hatherleigh, SA



Trial site courtesy of Brett and Mel Gilbertson

As part of the new GRDC funded Hyper Yielding Crops (HYC) initiative, FAR Australia invites you to come along and view the HYC research trials in canola, barley and wheat at the new research site established near Millicent in SA. The collaborative research effort forms part of a wider aim looking to push the yield boundaries of cereal and oilseed cropping across HRZ regions of five states: Victoria, South Australia, Tasmania, New South Wales and Western Australia.

The HYC field research centres located at Hagley, Tasmania; Gnarwarre, Victoria; Millicent, South Australia; Wallendbeen, NSW and Green Range, WA have been established to include 'focus farms' and grower networks geared to road-test the findings of experimental plot trials in on-farm paddock-scale trials. In addition the project will be looking for wheat entries for the HYC awards.

Please come prepared with clean outdoor clothing to ensure good farm biosecurity hygiene

The field day will provide you with an opportunity to view canola, barley and wheat research trials established at the SA Crop Technology Centre. The overall objective and research question for all crops is "What are the germplasm types and management inputs that maximise biomass production and conversion of biomass to grain in the HRZ regions of Australia?" For the first time the SA Crop Technology Centre features research conducted over two sowing dates for wheat and barley mid April (April 16-18th) and mid May (May 11-12th). Dr Kenton Porker (SARDI) and Rohan Brill (Brill Ag) will be joined by Kat Fuhrmann and Tom Price from FAR Australia to demonstrate the SA CTC research programme, which now includes the Hyper Yielding Crops (HYC) project. Specifically, there will be the opportunity to look at and discuss:

- HYC G.E.M. trials in canola, barley and wheat looking at the interaction between genotype, environment and management in Millicent. These trials look at aspects of phenology, biomass production and final seed and grain yields.
- Nutrition trials – just how hard can we push productivity with artificial nitrogen fertiliser?
- Disease management is an essential feature of HRZ grain production – HYC trials look at the influence of different strategies on different germplasm sown at different times.
- New germplasm, both winter and spring is featured at the site either under a screening phase or because it has performed well in 2019 at the SA CTC.

We are fortunate to have secured the following speakers to talk about and share their observations of achieving higher levels of productivity.

Dr Kenton Porker, HYC Barley Crop Lead (SARDI) and Rohan Brill, HYC Canola Crop Lead (Brill Ag) will be talking about the HYC research and its objective.

Dr Hugh Wallwork and Dr Tara Garrard, Cereal Pathologists (SARDI).

Kat Fuhrmann, Senior Field Research Officer (FAR Australia). Currently based in SA, will talk about disease management strategies in wheat.

Jen Lillecrapp (MFMG) is the regional HYC Project Officer responsible for the HYC Focus farms and awards. Jen will be joined by some of her Focus Farm growers and will talk about the extension programme and HYC award scheme.

Amanda Pearce and Ian Ludwig (SARDI) our principal HYC collaborators in the field in SA, demonstrate some of the wheat HYC research.

The GRDC Hyper Yielding Crops Project is led by FAR Australia in collaboration with:



DUE TO CURRENT COVID-19 RESTRICTIONS, NUMBERS ARE LIMITED AND REGISTRATION IS COMPULSORY
REGISTRATION IS OPEN TO RESIDENTS OF SA ONLY. FIRST COME FIRST SERVED.
APOLOGIES IF NUMBERS PRECLUDE ENTRY ON THIS OCCASION. WE APPRECIATE YOUR UNDERSTANDING.

Please register your attendance with Rachel Hamilton, Event Coordinator
Ph: 04 2884 3456 Email: rachel.hamilton@faraustralia.com.au

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KEYNOTE SPEAKER:

ROHAN BRILL

CANOLA RESEARCHER, BRILL AG, NSW

Rohan is recognised as one of the industry's influential canola research agronomists. He is currently leading the HYC canola research programme as well as managing the HYC canola research trials in southern NSW.