



USING
PRECISION
TECHNOLOGY
TO TEACH
THE NEXT
GENERATION
OF FARMERS

Western Australia High School teaches students farm tech that saves money and time

Part of Western Australian College, Esperance Farm Training Centre, teaches best practices for new generation farmers, preparing them for farms of the future in Western Australia. The high school has an 800 hectare fully operating school farm and a four hectare Agricultural Demonstration Block attached to the main school campus. The school also encompasses a fully commercial operating farm with a number of successful enterprises including; broadacre wheat, canola, lupins, barley and oats. While at school, students undertake a Certificate II in Agriculture with progression to local industry traineeships and also compete at local and rural agricultural shows giving them vital industry experience.



APPROACH

Recognizing that technology is the future of farming, the school began integrating precision ag technology into their curriculum, teaching students the importance of auto steering and guidance while spraying, seeding and super spreading.

To do this, they incorporated Trimble CenterPoint® RTX correction services to provide high accuracy in each of these tasks.

RESULTS

The teaching team currently uses a Trimble TMX-2050 display with CenterPoint RTX correction service on its T8 New Holland tractor with a variety of implements, including Hydro Boom sprayer, Super Marshall spreader, Morris Seeder Bin and Bar. Trimble CenterPoint RTX real-time GPS is used for all the school's mapping of paddocks, as well as seeding and spraying, and has been fantastic in teaching relevancy and applicability for students to understand the technology before entering their working careers.

Through using the Trimble CenterPoint RTX correction services on the school's farmland, the team has seen significant time and money savings as an institution, as well as better production rates in comparison to previous GNSS correction services. Students are able to quickly ascertain previous locations, thus reducing costs, time and aiding in real-time data collection to better inform practice. Trimble Agriculture products allow an irreplaceable learning opportunity for these students looking at careers in farms of the future throughout Australia.

More info: positioningservices.trimble.com



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