AgHack
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Presented by:

Department of **Primary Industries and Regional Development**

GOVERNMENT OF WESTERN AUSTRALIA

CHALLENGE TITLE

Grading grain at the farm gate

How might we better

Grade and sort grain on the farm not at the point of delivery to maximise return for the farmer?

CHALLENGE STORY

Farmers are currently using manual processes and anecdotal evidence to estimate grain grade / quality based on both paddock location and seasonal conditions.

Grain grade information is required by grain growers, bulk handlers (distributors) and grain traders. Typically a distributor will determine grade which fixes a price at point of delivery. A farmer must either accept their offer or take grain back to the farm.

By reducing the variability of grain grade through segregation at harvesting growers can increase overall supply chain efficiency, increase market choice, and improve price.

There is currently no method in place for farmers to assess their grain grade and quality (including moisture and enzymes) on their farm.

Scale/Potential:

HIGH

Enables grain growers to maximise income through improved decision making and bargaining power.

Data Description & Source

- Satellite Data - Space
- Google Maps Data - Google
- Growers can provide information on truck returns.
- Grain grade and quality standards.

Mentors & Contacts

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