

This project received funding from the Australian Government's Future Drought Fund

## De-risking the seeding program

This survey is intended to capture baseline information about producers knowledge, understanding and adoption of dry seeding with the intention of de-risking the seeding program.

This project is funded through the Future Drought Fund - Extension and Adoption of Drought Resilience Farming Practices grant.

1. What is your local government area?

2. Are you a:

NB: if you are not a primary producer, please reflect on the farming practices that you most commonly deal with.

- Farmer
- Agronomist
- Consultant
- Researcher
- Extension Officer
- Other (please specify)

3. How would you describe your farming system?

- Cropping
- Livestock
- Mixed cropping/livestock
- Other (please specify)

4. Do you irrigate?

Yes

No

5. How confident are you with seeding into dry soils?

1. Not confident at all

2.

3.

4.

5. Very confident

6. Do you sow into dry soils?

Yes

No

7. If no in question 6, what stops you from making the decision to sow into dry soils?

8. If you answered yes in question 6, what percentage of your program would you be willing to sow dry?

9. What is your level of understanding of the following topics for dry seeding?

	1. Low	2.	3. Medium	4.	5. High
Variety selection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Long coleoptile wheats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seed placement/optimised sowing depth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seeding rates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seed priming	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fertiliser placement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post emergent herbicide selection and/or timing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Optimal soil moisture and nutrient levels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The benefits of early ground cover	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. What is most important to you when considering the success of dry seeding? (Please choose 1 option)

- Increased productivity - Dry matter
- Increased productivity - Grain
- Improved early ground cover
- Improved water use efficiency
- Mitigate frost risk
- Other (please specify)

11. What is your main driver for your decision to dry seed? (Please choose 1 option)

- It allows time to fit in the seeding program
- Making the most of sub-soil moisture
- To avoid hot dry finishes
- Early ground cover
- Early stock feed
- Better crop establishment

Other (please specify)

12. What are your triggers for dry seeding? (Please choose 1 option)

- Knowing your soil moisture
- Soil types
- Timing - calendar sowing (sowing to a specific date)
- Seasonal climate forecasts

Other (please specify)

13. What crop types and varieties are more likely to be seeded dry?

- Canola
- Barley
- Wheat
- Oats
- Lentils
- Peas
- Beans
- Pasture species - Legumes
- Pasture species - Grasses

Other (please specify)

14. How do you prepare the paddock for dry seeding? (Please select all relevant options)

- Weed control - Summer
- Weed control - Pre seeding
- Weed control - Post seeding
- Stubble - Retained/standing
- Stubble - Grazed
- Stubble - Slashed/mulched
- Stubble - Burning windrows
- Stubble - Burning whole paddock
- Pest management - Seed treatment
- Pest management - Post seeding / early emergence
- Disease Mangement - Seed treatment
- Disease Management - Post seeding - early emergence
- Other (please specify)

15. Do you modify your seeding method when dry seeding?

Yes

No

16. If yes, what adjustments do you make? (Please select all relevant options)

Fertiliser placement

Seeding depth

Seeding rate

Seeding row width

Seeding equipment - Disc

Seeding equipment - Tyne

Other (please specify)

17. Please discuss how and why you make these adjustments

18. What would you like to know more about dry seeding? (Please select all relevant options)

- Improved variety selection
- Log coleoptile wheats (and other)
- Seed placement/sowing depth
- Seeding rates
- Fertiliser placement
- Pre and post emergent herbicide selection and/or timing
- Optimal soil moisture and nutrient levels
- Best crop rotations to prepare a paddock for dry seeding
- Other (please specify)

19. Please comment on anything else you would like to share.