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Sorghum Desiccation

Trial ID: AM0811

Location:

Millie

Trial Year:

2008

Investigator:

Anthony Mitchell

Objective:	To evaluate timing of sorghum spray-out and impact on yield and quality
Crop:	Sorghum cv. MR43
Desiccant:	Roundup PowerMax 2.0 L/ha
Keywords:	Sorghum, desiccation

Impact of Spray-out Timing on Yield

Timing	Date	Days after Flowering on Main Heads (DAF)	Grain Moisture at Application %	Grain Yield t/ha
T1	10/03/09	14	56	2.7 d
T2	17/03/09	21	51	3.6 c
T3	24/03/09	28	42	4.2 bc
T4	31/03/09	35	37	4.7 ab
T5	7/04/09	42	29	5.2 a
T6	15/04/09	50	29	4.9 ab
LSD 5% =				0.7

Treatments sharing the same letter are not significantly different.

T1 = Timing 1 etc.

Key messages:

- MR43 on skip row configuration
- Application before T4 (35 DAF) resulted in significant yield loss
- No significant impact on yield or grain quality from T4 (35 DAF) or later but with T5 (42 DAF) trending to highest yield
- There was **no net soil water benefit** from application at T4 (35 DAF) or T5 (42 DAF) compared to T6 (48 DAF)

