



**Project**      **Module Moisture trial**

Locality      Limpopo Valley Gin

Layout      Round modules (n = 5) x 2 technical repetitions; Rectangular modules ("brode") (n = 5) x 5 technical repetitions

Measuring date:

**Project leader**

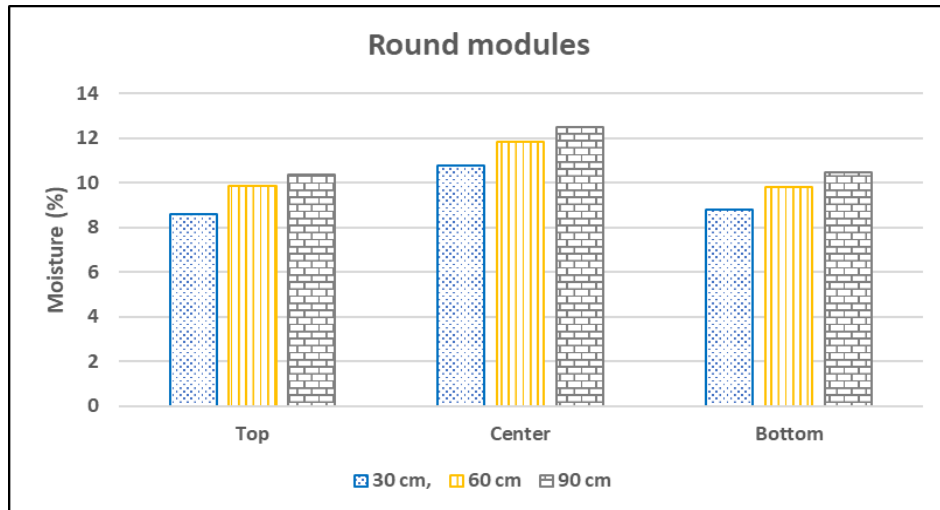
**Cotton SA**

**Co-workers:**

**Marchant Theron, Limpopo Valley Gin**

<b>Treatments</b>	30 cm depth
	60 cm depth
	90 cm

Round modules results:



**Conclusions:**

Moisture % increased the deeper it was taken

between 10-12% at 90 cm depth

\* Varied 1,8% between depths of 30 - 90 cm.

\*Higher moisture readings on inside (centre) of the bale than on the outside (perimeter) of the module



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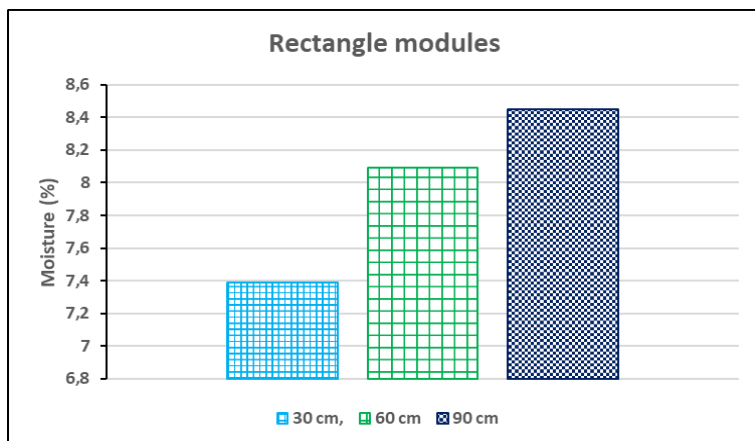
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**Measuring date:**

<b>Treatments</b>	30 cm depth
	60 cm depth
	90 cm

between 10-12% at 90cm deep



**Conclusions:**

- \* Moisture % increased the deeper it was taken (> at 90 cm)
- \* Varied about 1 % between depths of 30 - 90 cm
- Seed cotton probably less compressed than in round modules
- \* Higher moisture readings on inside (centre) of the bale than on the outside (perimeter) of the module - but less so than in round modules

**Conclusion:**

- \* measuring of moisture with a probe should be standardized so that all modules are measured the same way.
- \* repeat with larger sample size?
- \* compare probe readings with seed cotton moisture sample?