

MODDUS EVO[®] now registered for barley head loss



Syngenta's Plant Growth Regulator (PGR), MODDUS EVO, is now registered to aid in the reduction of barley head loss.

Head loss in barley can cause major economic losses and can be a deterrent from growing high yielding malting barley varieties specifically in the coastal grains regions of Western Australia and South Australia.

Traditional management techniques such as swathing have previously been used, but this comes with downfalls including the cost or contracting of a swather, more time on the tractor and the potential for reduced grain quality.

MODDUS EVO offers growers a new solution to manage barley head loss in susceptible varieties.

MODDUS EVO reduces barley head loss by reducing peduncle length and increasing peduncle thickness. In doing so, this increases the plants ability to resist environmental conditions which could result in head loss. Trials have shown a tight correlation between peduncle length and head loss potential.

Application guidelines

Rate: 200-400mL/ha

Use: Reduction in the peduncle length for the suppression of barley head loss

- Apply to actively growing, healthy crops, do not apply to crops experiencing any significant form of stress.
- Apply at the beginning of GS 30-32 (stem elongation) or at GS 37-39 (flag leaf just visible to flag leaf full emergence)
- Use the higher rates 300-400mL/ha when barley variety has long peduncle combined with high yielding ear
- Refer to the label for Directions for Use

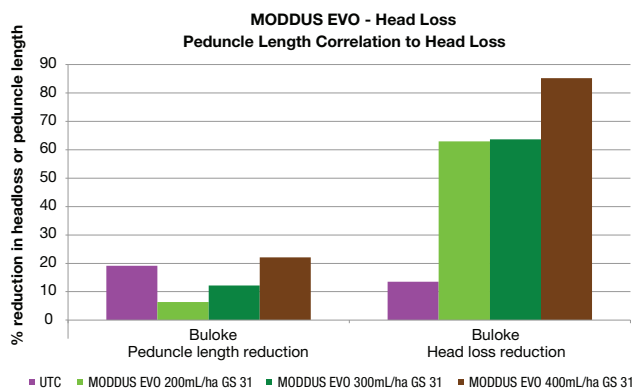


Figure 1: There is a clear response in Buloke highlighting that as peduncle length is reduced, the percentage of head loss reduction is increased.

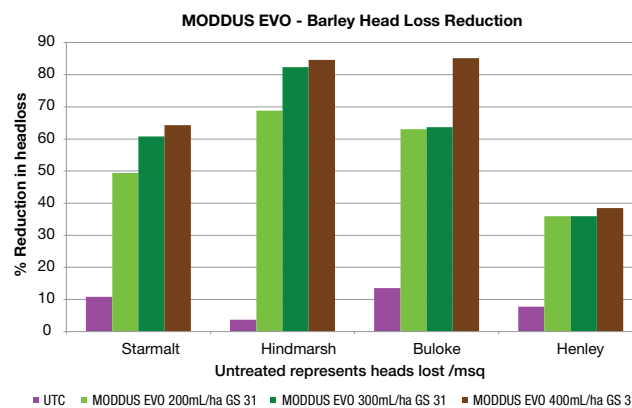


Figure 2: There are clear rate responses across a range of varieties showing increases in the suppression of barley head loss as the rate of MODDUS EVO increases.



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