

Evaluation of Aim 2EC Herbicide in Hooded Applications on Dark Tobacco

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2007 - HRREC, Springfield, TN

Aim 2EC

- Registered for pretransplant burndown and shielded/hooded spray applications in tobacco
 - 0.8 to 1.5 oz/A
 - Pretransplant applications allowed up until 1 day prior to transplanting
 - Hooded applications allowed until layby
- Non-selective herbicide, must not come into contact with tobacco
 - Can cause damage to terminal bud if lower leaved contacted.

Aim 2EC Trial

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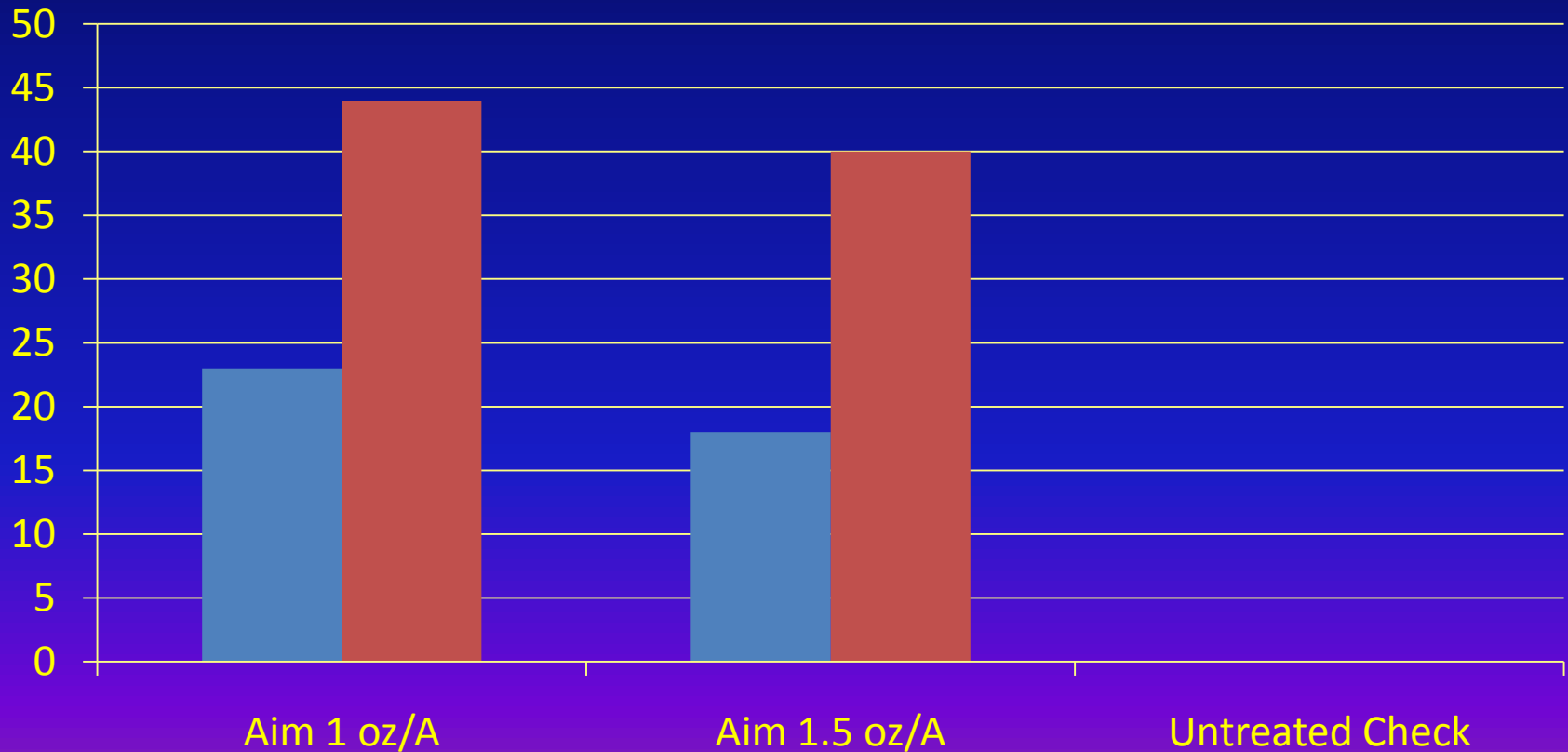
- Treatments: (1 application)
 - Untreated check
 - Aim 2EC under hood at 1 oz/A
 - Aim 2EC under hood at 1.5 oz/A
- Trial design: RCBD with 4 replications
- Data collected: tobacco injury, yield, quality grade index, revenue.

Aim 2EC Hooded Application Trial

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Ratings taken 7 days after applications

LSD (0.05) = 16 38
■ % Injury ■ # Injured Plants/100



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Dark-Fired Yield/A, Quality Grade Index, and Gross Revenue/A*

*Quality grade index and gross revenue based on 2004 USDA grade and price support for Type 22 Eastern dark-fired tobacco.

Treatment	Total Yield (lbs/A)	Quality Grade Index (0-100)	Gross Revenue (\$/A)
Aim 2EC - 1 oz/A	2706 a	70.8 a	5505 a
Aim 2EC – 1.5 oz/A	2758 a	74.8 a	5825 a
Untreated Check	2787 a	71.8 a	5657 a
LSD _{0.05}	285	8.2	904