



Diamond[®] INSECTICIDE

Diamond 0.83 EC Insecticide Sugarcane

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MANA

Southern Region -Technical Support Manager

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Diamond 0.83 EC Insecticide Label Use For Sugarcane

- **Active Ingredient - Novaluron**
- **3rd Generation Chitin Inhibitor for use on:**
 - Cotton
 - Sugarcane
 - Grain Sorghum
- **Not an Adulticide – Only controls larval stages**
- **Excellent**
 - Adulticide Tank-mix partner
 - Insect resistance management tool





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- **IPM Friendly – easy on beneficial insects**
- **Residual Control – 14+ days**
- **Does not degrade by UV light.**
- **Rainfast in a few hours**
- **Low Mammalian toxicity**
- **‘Warning’ signal word – potential eye irritant**
- **PHI = 14 days**
- **REI = of 12 hours.**

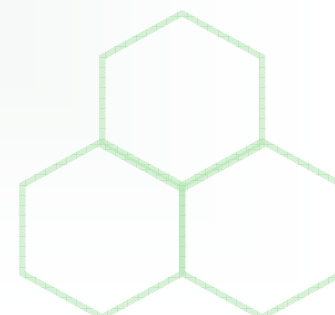




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- **Application Volume:**
 - Air – 2 to 5 gal/A
 - Ground – 10 gal/A minimum
- **Timing:**
 - Should be based on Sugarcane/Mexican Rice Borer economic thresholds determined by local authorities, e.g. 5% larval infestations.
- **Do not apply more than:**
 - 5 applications per season
 - 60 ounces per acre per season





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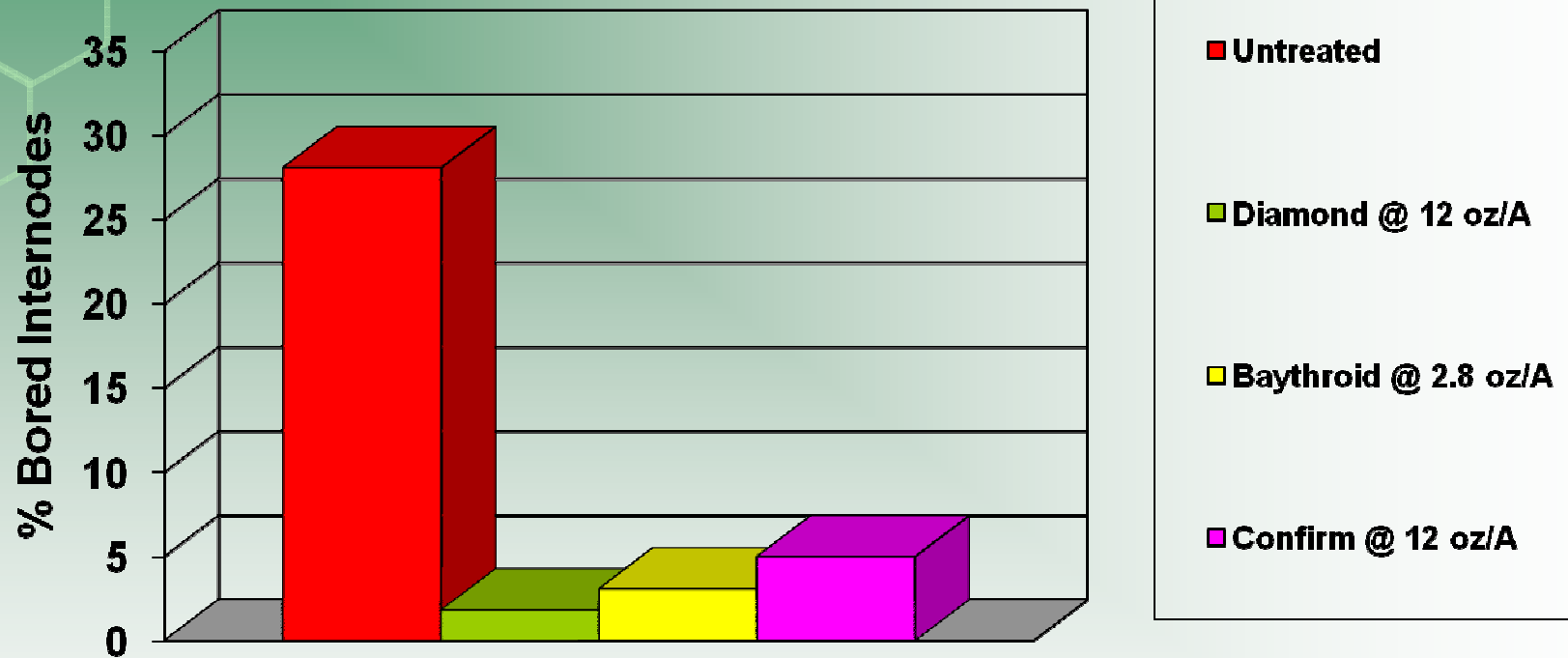
Diamond 0.83 EC Insecticide Label Use For Sugarcane

- **Sugarcane Borer - 9-12 fl oz/A**
- **Mexican Rice Borer - 12 fl oz/A**





Sugarcane Borer Control Burns Point, LA - 2009



Applications made on July 7 and August 6, 2009

Rated at harvest on October 13, 2009

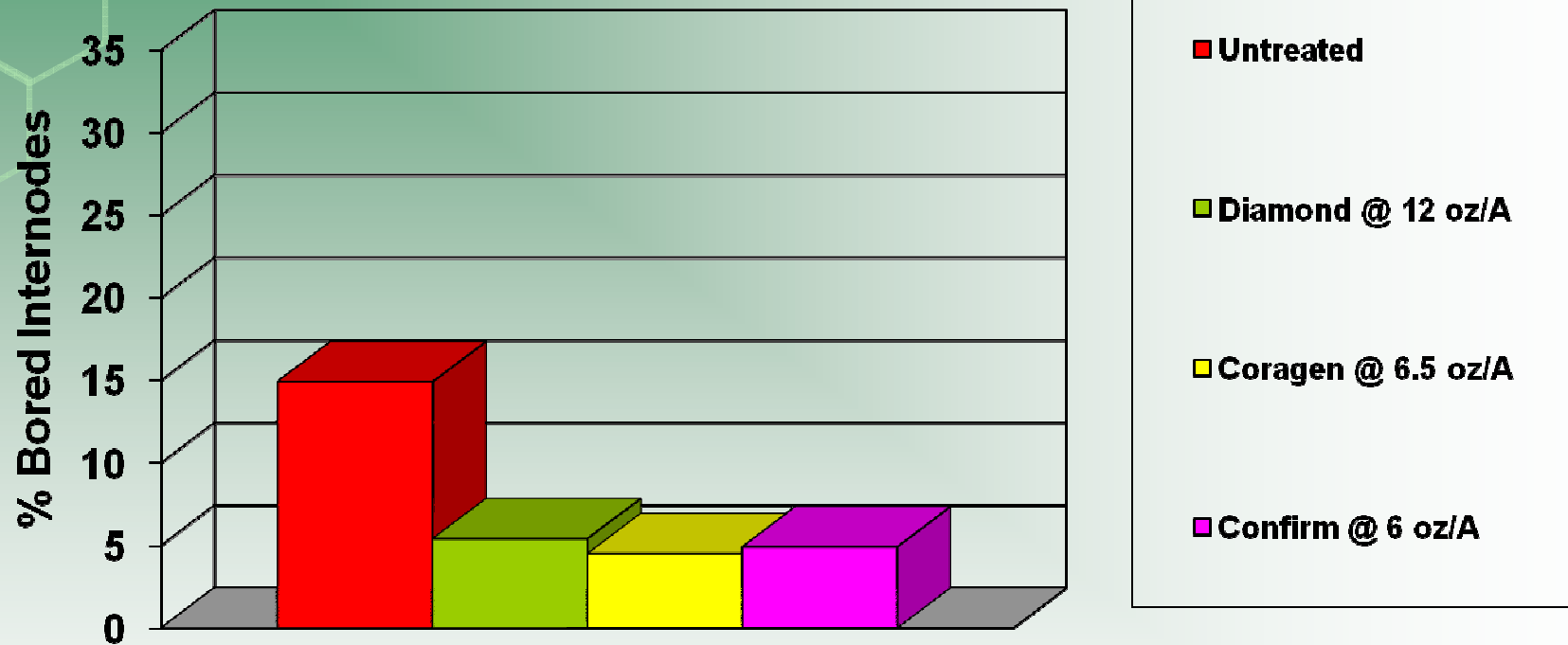
RCBD - Small Plot – Five Replications

Source: Dr. T.E. Reagan, LSU AgCenter.





Sugarcane Borer Control St. Martinville, LA - 2010

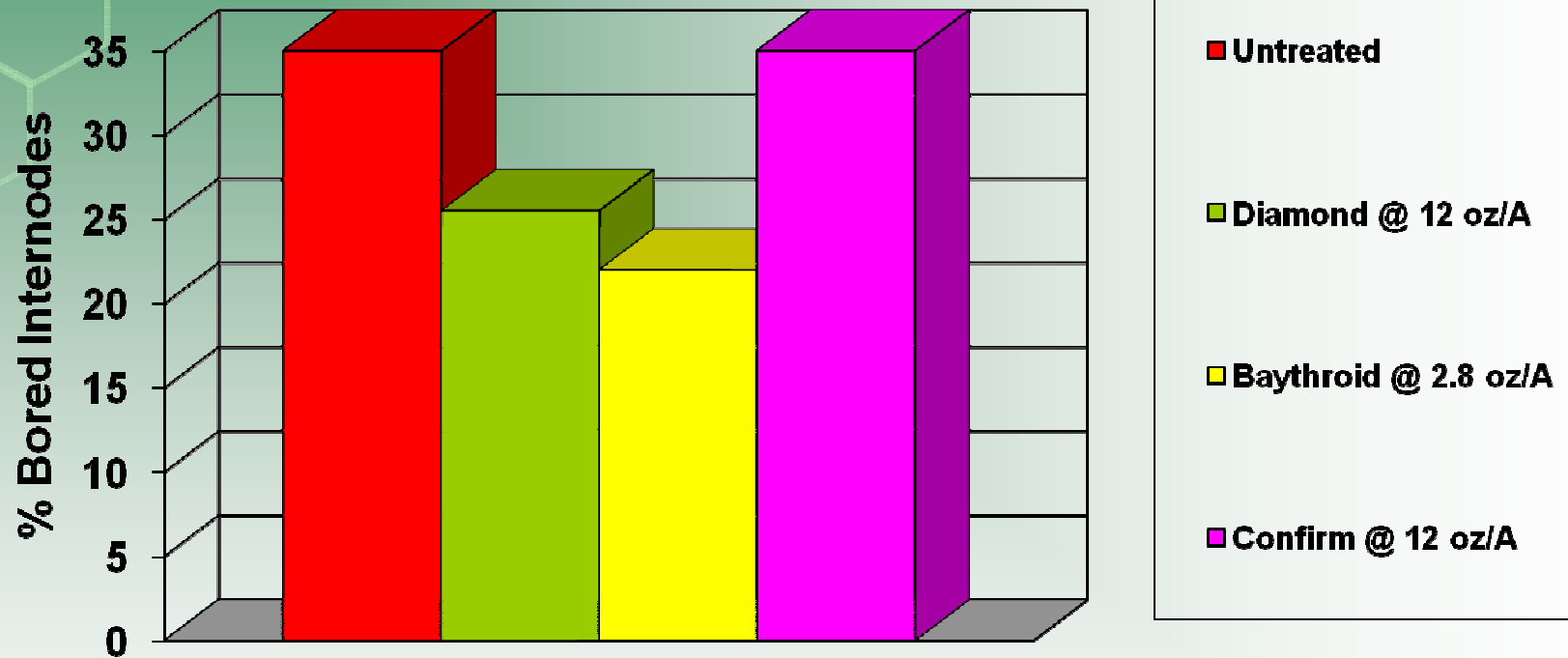


Source: Dr. T.E. Reagan, LSU AgCenter.
Small Plot Research





Mexican Rice Borer Control Ganado, TX - 2009



Applications made on June 19, July 22 and August 20, 2009

Rated at harvest on September 24, 2009

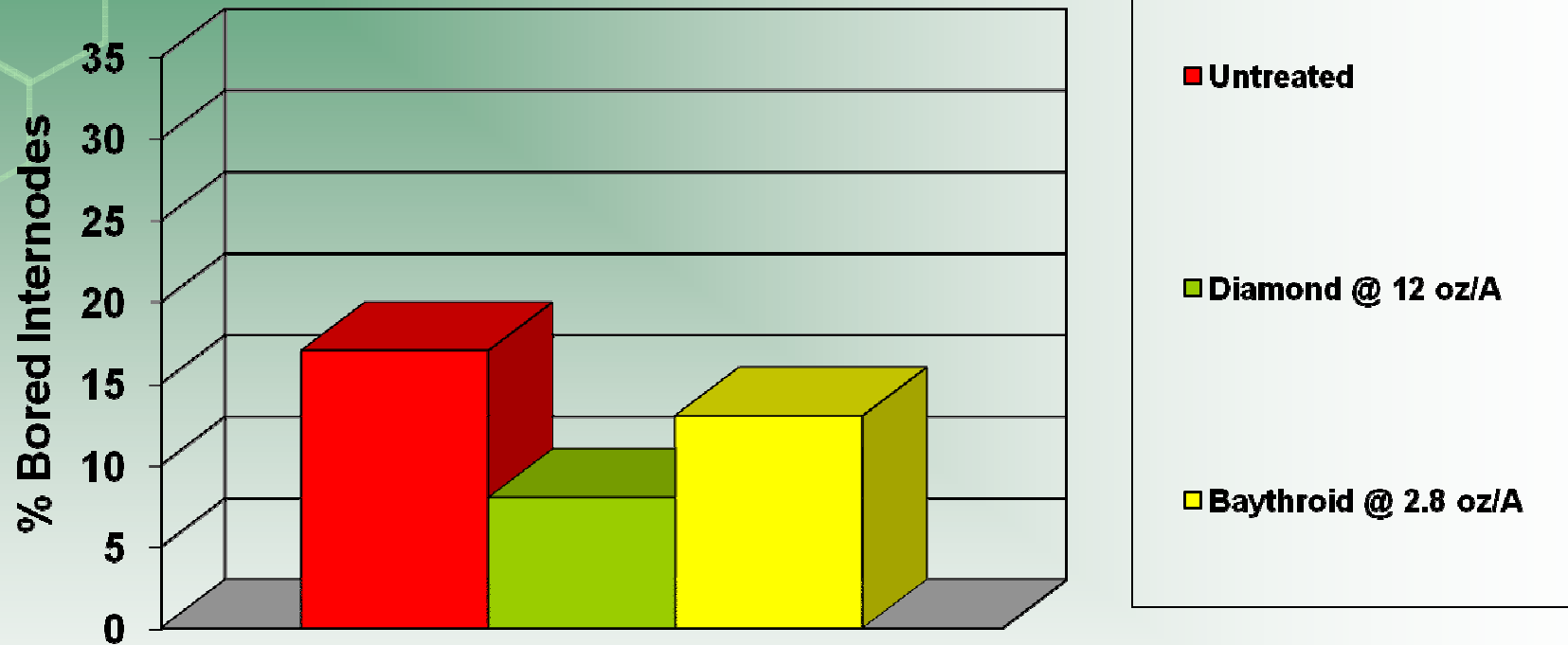
RCBD - Small Plot – Four Replications

Source: Dr. T.E. Reagan, LSU AgCenter.



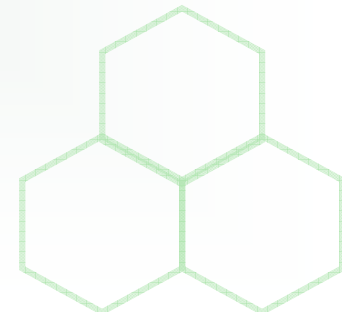


Mexican Rice Borer Control Rio Grande Valley - 2009



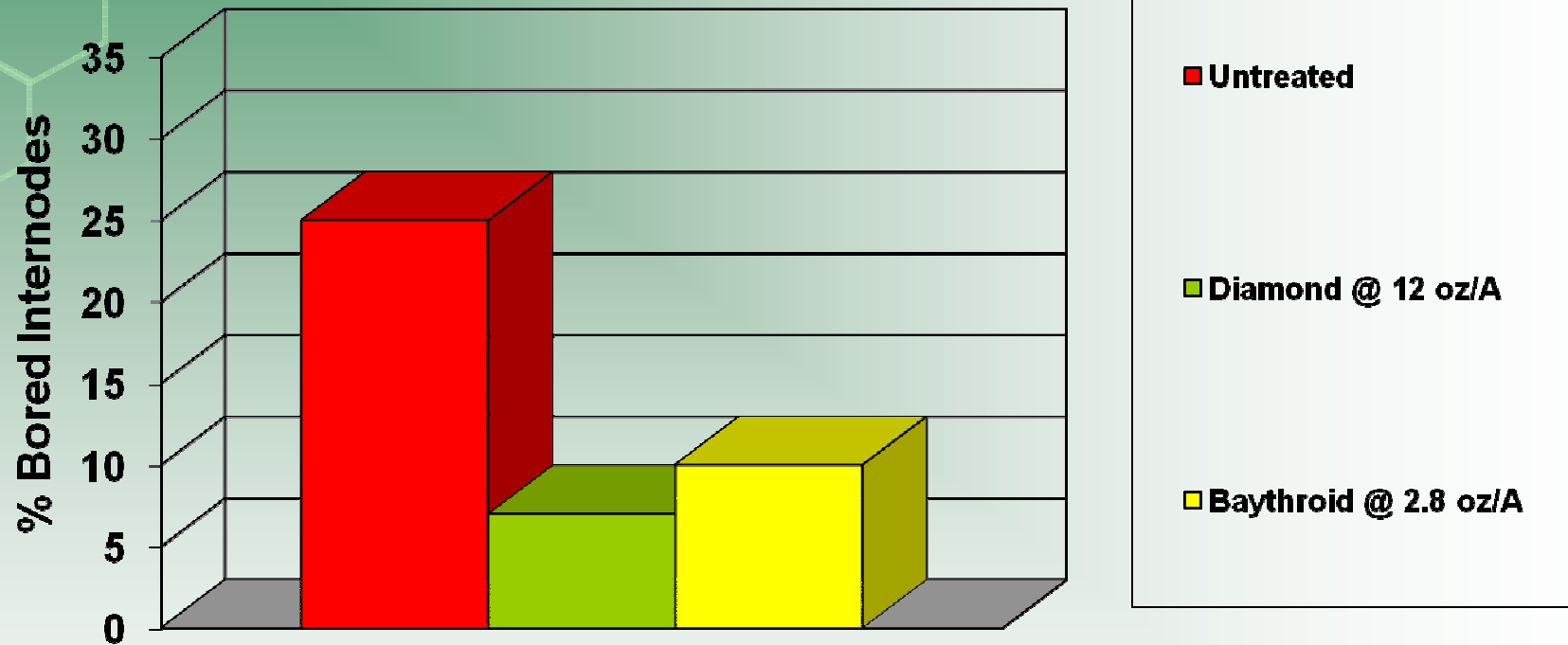
Large Plot Aerial Study – Five Replications

Source: Dr. T.E. Reagan, LSU AgCenter.





Mexican Rice Borer Control Rio Grande Valley - 2010



Large Plot Aerial Study – Five Replications

Source: Dr. T.E. Reagan, LSU AgCenter.



Thank You

