Pix™ Application Guide for Arizona Cotton

Pix Applications - Decision Base

- Follow Fruit Retention (FR) and Height:Node Ratios (HNR) vs. Heat Units After Planting (HUAP)
- Reference: FR & HNR baselines with upper and lower thresholds, Figures 1 & 2 (J.C. Silvertooth et al. UA)
- If HNRs are trending toward, equal, or exceed upper thresholds
- Vegetative tendencies are very likely
- Evaluate fruit retention (FR) levels also,
- See Figure 2
- Should confirm vegetative condition
- Consider initiation of Pix treatments
- Follow rate guidelines (see Table below)
- Follow crop response (HNRs)
- If HNRs are near the baseline (middle line on figures)
- Plant height (vegetative) control is not a problem
- Withhold Pix applications
- If HNRs are near lower threshold
- Crop may have been under some degree of stress
- Evaluate crop for possible causes of reduced vegetative structure
- Withhold Pix applications
- Continue to monitor field development on a regular basis
- Follow FR and HNR baselines

Suggested Pix Rates - Arizona*

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<thead>
<tr>
<th></th>
<th>Minimum</th>
<th>Maximum</th>
<th>Gen. Optimum</th>
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<tbody>
<tr>
<td></td>
<td>0.5 pt/acre</td>
<td>1.5 pt/acre</td>
<td>0.75 pt/acre</td>
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* Based on experimental program in Arizona.
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