



PixTMApplication 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 tendancies 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
- withold 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
- withold PIX applications
- Continue to monitor field development on a regular basis
- follow FR and HNR baselines

SUGGESTED PIX RATES - ARIZONA*

 Minimum
 0.5 pt./acre

 Maximum
 1.5 pt./acre

 Gen. Optimum
 0.75 pt./acre

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This information has been reviewed by university faculty.

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^{*} Based on experimental program in Arizona.

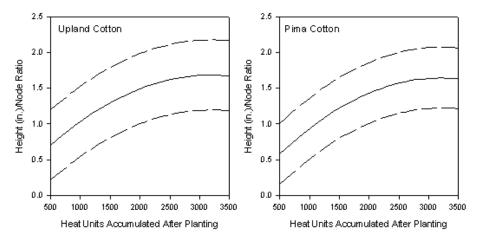


Figure 1. Height (in)/Node ratio for Upland and Pima cotton.

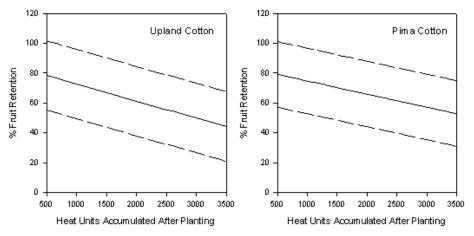


Figure 2. Fruit retention guidelines for Upland and Pima cotton.

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