



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*

Minimum	0.5 pt./acre
Maximum	1.5 pt./acre
Gen. Optimum	0.75 pt./acre

* Based on experimental program in Arizona.

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This information has been reviewed by university faculty.

ag.arizona.edu/pubs/crops/az1211.pdf

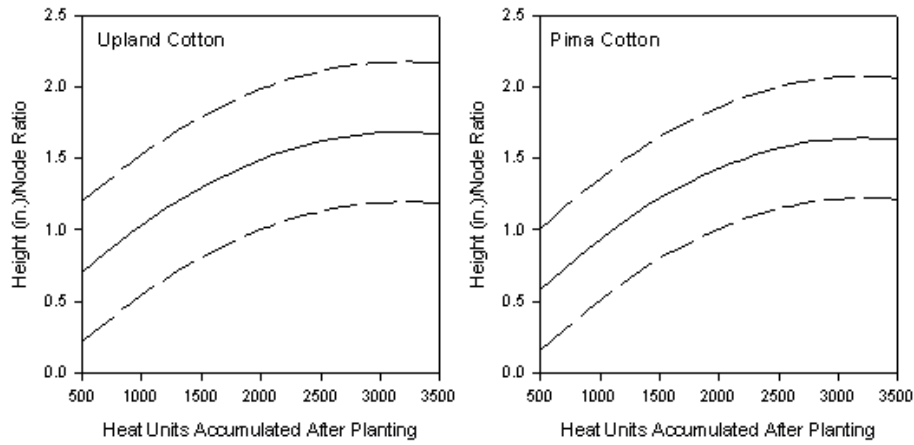


Figure 1. Height (in.) / Node ratio for Upland and Pima cotton.

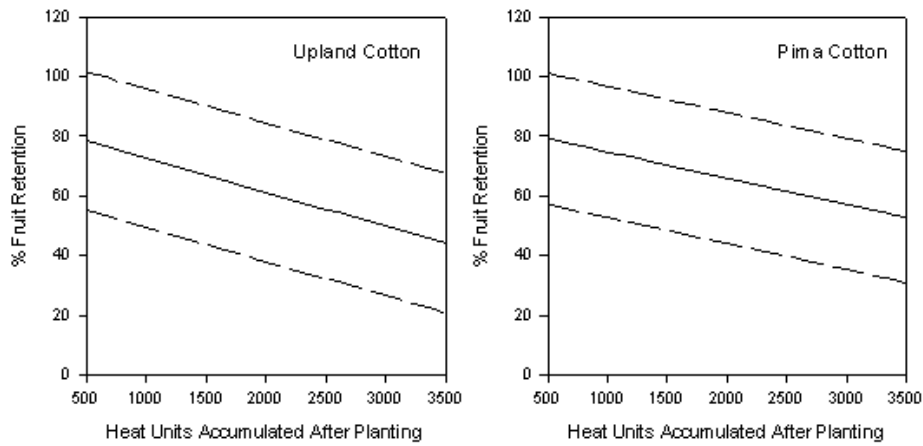


Figure 2. Fruit retention guidelines for Upland and Pima cotton.

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