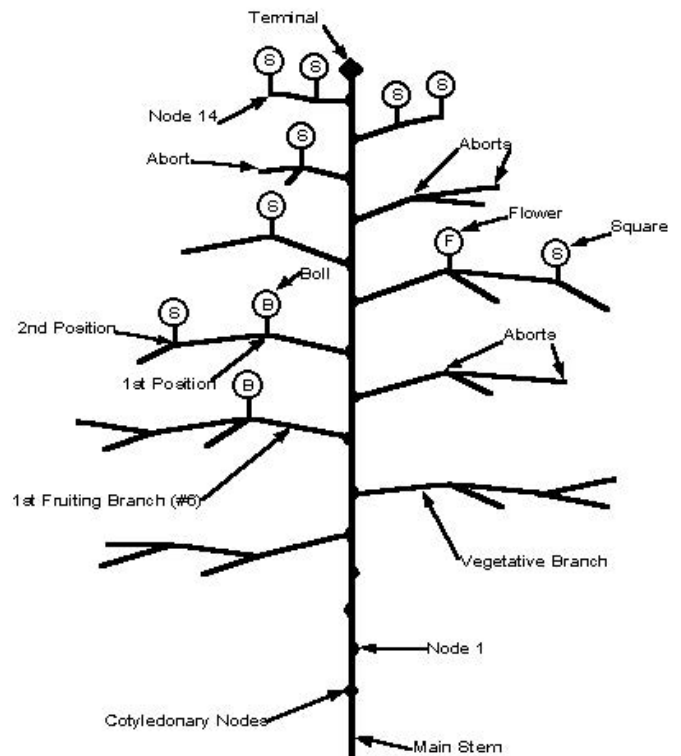




ESTIMATING FRUIT RETENTION - PROCEDURE

J. C. Silvertooth

1. Count Mainstem Nodes
Ex.: Nodes = 14
2. Determine node of first fruiting branch (FFB)
Ex.: FFB = 6
3. Determine Number of Vegetative Branches (VB)
Ex.: FFB = 6
Therefore, VB = 5 or FFB - 1 = VB = 5
4. Count number of aborted sites
Pre-bloom: first position only
Post first bloom: first two fruiting sites
Ex.: Aborts = 7 (first 2 positions)
5. Determine total fruiting sites
Total fruiting branches: FB = Nodes - VB
Sites = FB x 2
Ex: 14 Nodes - 5 VB = 9
9 FB x 2 sites = 18 sites
6. Calculate % Fruit Retention (FR)
Retained sites = Total sites - Aborts
 $\%FR = (\text{retained sites} / \text{total sites}) \times 100$
Ex.: 18 sites - 7 aborts = 11 retained positions
 $\%FR = (11 \text{ retained sites} / 18 \text{ total sites}) \times 100 = 61\%$
7. Refer to UA Baseline
 1. for stage of growth
 2. Heat Units After Planting (HUAP)

**KEY:**

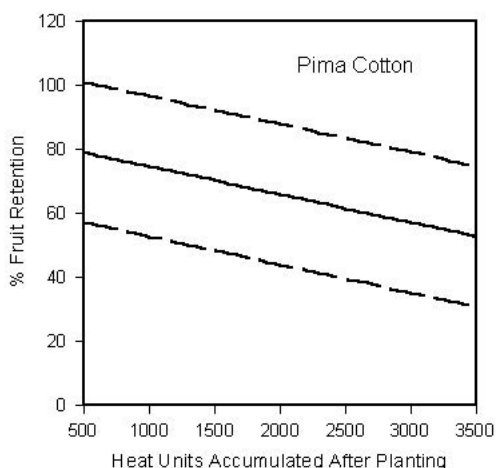
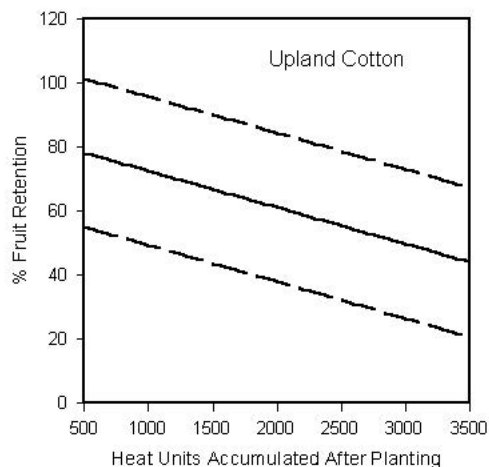
FFB = first fruiting branch

VB = vegetative branch

FB = fruiting branch

FR = fruit retention

HUAP = Heat Units Accumulated since Planting (86/55°F thresholds)



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THE UNIVERSITY OF ARIZONA
COLLEGE OF AGRICULTURE AND LIFE SCIENCES
TUCSON, ARIZONA 85721

J.C. SILVERTOOTH

*Extension Agronomist - Cotton
Associate Dean and Director, Extension & Economic Development
Associate Director, Arizona Experiment Station (Maricopa, Yuma & Safford Agricultural Centers)*

CONTACT:

J.C. SILVERTOOTH
silver@cals.arizona.edu

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