

## COTTON DEFOLIATION GUIDE IN TEXAS 1951

By

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*When to Apply:* Defoliants, dusts or sprays, should be applied at least 35 days after the period of maximum flower load. This permits maximum staple length development. Another way to time the application of defoliants would be 25 days after cotton quits making, 'cuts out', or when the youngest bolls expected to make cotton are 25 days old. Application should also be made ten days or two weeks prior to intended picking date in Central and South Texas, and two to three weeks on the High Plains.

#### 1. DUST DEFOLIANTS

Use Calcium Cyanamide when plants are wet with dew or adequate dew is forecast. Material must remain in moisture on the leaf for at least two hours; four or more hours of moist exposure preferred.

Monosodium Cyanamide does not depend on dew for activation. It becomes liquid on the leaf by drawing moisture from the air (when the humidity is 40% or more) or from the leaf. Leaves should be turgid or green, not wilted.

Endothal works best with dew and turgid leaves.

Rate per Acre, lbs.	Chemical Name	Name of Defoliant & Percent Active Ingredient
30-40	Calcium Cyanamide	Aero Cyanamid Special Grade (57%)
25-35	Monosodium Cyanamide	Aero Sodium Cyanamid Dust (X-10) (27%)
30-40	Endothal	Niagarathal DF Dust (3.2%)