

**ACTION® HARVEST AID – METHODS OF
APPLICATION AND DATA REVIEW**

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Cotton defoliation is a continuing challenge for growers across the United States Cotton Belt. Maximum leaf senescence, removal, and regrowth suppression are desired characteristics that may cost the cotton grower from \$15 to \$30 per acre.

Generally, environmental and crop conditions have direct influence on the response of applied harvest aids. This response can vary from field to field. To insure effective defoliation and to reduce the variability of the response, several methods must be employed and different chemistry must be used in one field. Action® – from Novartis, has been in field trials alone and in combination for several years. Action®, a PPO inhibitor, has shown excellent defoliation characteristics as a sequential application of 2.02 gai/A followed by 2.02 gai/A, 5 days after initial treatment. Action® (2.02 gai/A) + Dropp® (45.4 gai/A) has been as effective as Def® (1pt/A) + Dropp® (45.4 gai/A) for defoliation and regrowth suppression. Dropp® (45.4 gai/A) fb Action® (2.02 gai/A) has shown excellent defoliation and regrowth suppression in recent trials. Action® is expected to be registered in 2001.