

Weed Control

1985 Nutsedge Control Trials

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Where purple or yellow nutsedge has become established, Arizona growers have recognized these weeds as serious economic pests. There are few options available to growers for control of these perennial weeds. As a consequence, there has been a steady increase in the number and intensity of fields infested with nutsedge in Arizona.

These reports on nutsedge control include experimental trials with butylate (Sutan +) and vernolate (Surpass). Neither of these herbicides are presently registered for use in cotton. However, their effectiveness for control of both purple and yellow nutsedge encouraged us to look once again at these materials for use in cotton or as treatments during a fallow period.

While some of these trials appear to be encouraging, other trials indicate the potential for serious crop injury. Until the efficacy and crop safety of these materials has been better defined and registration for their use in cotton has been obtained, butylate and vernolate should not be considered for use in cotton.

Preplant Purple Nutsedge Control in Cotton Phillips Farm - Goodyear

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The objective of this test was to evaluate three rates of butylate (Sutan +) applied preplant incorporated to cotton for evaluation of its safety to the crop and its effectiveness for control of purple nutsedge, Cyperus rotundus.

Methods

Herbicides were applied to the soil, full coverage, using a compressed air sprayer in 35 gpa water on March 19, 1985. The