



# FOLIAR BORON



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## ● Foliar Boron Application

Apply boron to cotton according to soil test recommendations. However, petiole analysis recommendations will sometimes call for foliar applications of boron either alone or in combination with foliar nitrogen. When petiole tests detect excessive levels of nitrate-nitrogen, application of 0.2 lb. of boron per acre is recommended. Foliar application of boron accelerates translocation of nitrogen compounds, increases protein synthesis and stimulates fruiting. Likewise, when boron is applied in combination with urea nitrogen it hastens the translocation of nitrogen and sugars, improves fruiting, and may make plants less attractive to insects. Note: No more than three successive applications of boron at 0.2 lb./A should be made.

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[Return to Cotton Fertility: Week 1](#)



# **COTTON FERTILITY**

## ***Internet Inservice Training***



## ***WEEK 1:***

# ***Nitrogen Fertilization***

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**At the end of this week, you should know:**

- 1. The forms and amounts of nitrogen required for optimum cotton production.**
- 2. Optimum timing for nitrogen applications.**
- 3. Effects of Pix applications on nitrogen response.**
- 4. Effects of previous crops on nitrogen requirements.**
- 5. The benefits of broiler litter for cotton.**
- 6. Guidelines for applying broiler litter to avoid cotton growth problems.**
- 7. How to use the petiole nitrate monitoring program.**
- 8. Effects of foliar boron applications along with foliar nitrogen applications.**



**[Nitrogen Fertilization: General Information](#)**



**[Use of Poultry Litter](#)**



**[Petiole Nitrate Monitoring](#)**



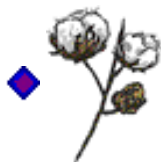
**[Foliar Boron](#)**

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Return to Cotton Fertility Training Schedule

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Attendance:

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