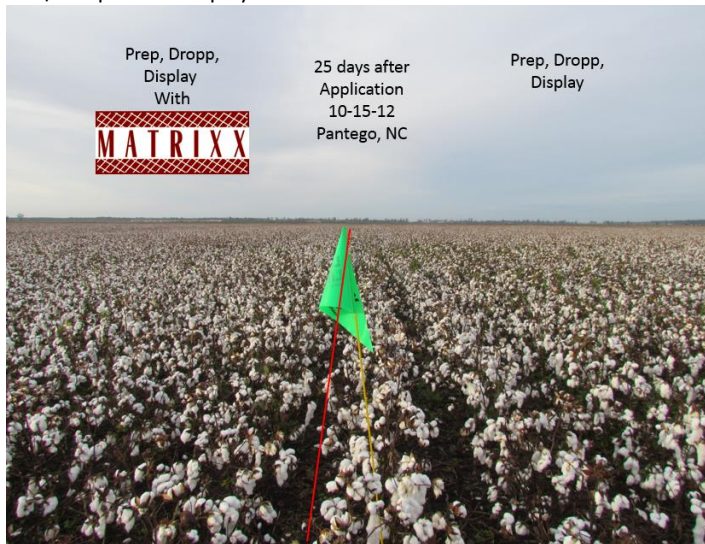


Cotton (*Gossypium hirsutum*)
 Improving Performance of Cotton Defoliants
 Matrixx Spray Adjuvant

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Applications of Matrixx with Cotton Defoliants Tech 2012

Matrixx is a superior nonionic wetter/spreader/penetrant containing a blend of organo-silicone and nonionic surfactant. Matrixx provides rapid, uniform spray coverage on plants and leaf surfaces in cotton. It aids in translocation and plant uptake of various cotton defoliants. In 2012, two demonstration plots were conducted, one in Pantego, North Carolina and the other in Lenoir County, North Carolina near Kinston. Applications were made on September 17th and October 22nd 2012 in both Pantego and Kinston. In Pantego, Prep™ was applied at 2 pt/A, Display™ was applied at 1 oz/A, Dropp® was applied at 3.2 oz/A with and without Matrixx at 16 oz/100 Gallons of water. A similar application was made in Kinston except Resource® was applied at 4 oz/A in place of Display™.



At both locations, the addition of Matrixx improved the defoliant program by increasing boll opening and cotton leaf defoliation. Matrixx improved the deposition of spray solution on the cotton leaf surface thus improving coverage and efficacy. More defoliation and boll opening were visibly observed.



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