

**Cotton. (*Gossypium hirsutum*),**  
 Applications of Impact F  
 Yield Increase

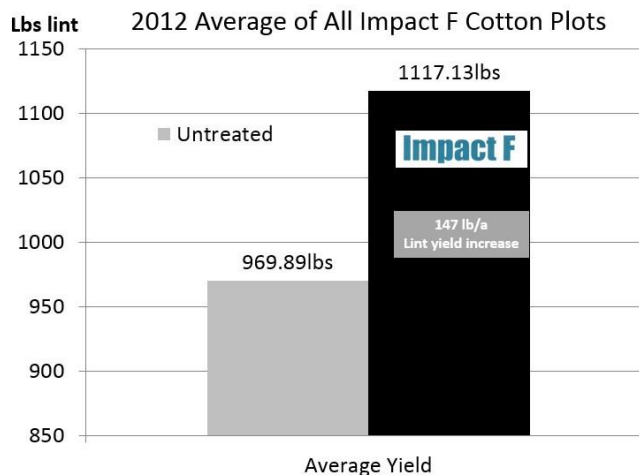
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**Foliar Applications of IMPACT F in Cotton, 2012**

In 2012, three (3) studies were conducted to evaluate the effects of Impact F applications in cotton for improving growth and develop and potential yield increases. One trial was located near Washington, NC in Beaufort County, one was located in Washington County and one was located near Kinston, NC in Lenoir County. At all locations Impact F was applied at bloom. For the remainder of the season the cotton grew normally and was treated with normal cotton growing practices commonly used in the area to grow high quality cotton. IMPACT F is part of a family of biological plant and yield stimulants designed for use in both soil and foliar applications. IMPACT F is an active biological complex that acts as a plant stimulant because of the cell dividing properties of cytokinins. Resulting actions can produce a substantial increase in crop productions and greatly enhance crop quality.

At harvest all three (3) locations showed a yield increase ranging from 6% to 32%. An average of all three (3) locations showed a 147 lb/A increase over the untreated check.

Treatment	Yield In lb of Lint	lb/ A Increase		Location
		over Check	% Increase	
Check	634.98 lbs/a			Washington Co.
Impact F 1qt/A	672.3 lbs/a	37.32 lbs/a	5.90%	
Check	997.77 lbs/a			Beaufort Co.
Impact F 1qt/A	1321.92 lbs/a	324 lbs/a	32%	
Check	1276.91 lbs/a			Lenoir Co.
Impact F 1qt/A	1357.18 lbs/a	80.27 lbs/a	6.3%	



Impact F is a product of Coastal AgroBusiness, 3702 Evans Street, Greenville NC 27834