

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

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A Three Year Summary of Foliar Applications of IMPACT F in Cotton, 2011- 2013

Based on results from trials conducted in 2011, 2012 and 2013, foliar applications of IMPACT F have consistently demonstrated positive yield results in all three years. Plot sizes varied year to year ranging from 0.62 acres to greater than 1 acre for each trial. All trials were conducted on grower farms. In 2011, there were three on-farm trial locations showing a 45.22 – 204.86 lb/A yield increase for an average of 149.36 lb/A increase in lint over the untreated check (see field study “Application of IMPACT F for Enhanced Cotton Yields, 2011”). In 2012, similar results were observed at three on-farm locations where the average yield increase was 147 lb/A of lint (see field study “Foliar Applications of IMPACT F in Cotton, 2012”). At one location in 2013, an increase of 118 lb/A of lint was observed (2013 1-14 TEM, data not shown).

In all trials, applications of IMPACT F were applied at 1 qt/A at bloom or during bloom. After application and for the remainder of the season, the cotton grew normally at each location and was treated with normal cotton growing practices commonly used in the area to grow high quality cotton.

All cotton trials were harvested on time based on the maturity of the cotton in each of the testing years 2011, 2012 and 2013. A fairly consistent lint yield increase range of 118 – 149 lb/A was observed resulting in a three year average of 142.83 lb/A lint using a 38% gin turnout. This three year average represents a 17% increase over the untreated check.

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 production and greatly enhance crop quality.

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

Coastal AgroBusiness 2013 TEM 1-14 Josh Allen Trials