Growing COTTON IN USA

KEY FINDINGS

POLY4 fertilizer programme achieved highest yield for the third year in a row

4% cotton lint yield increase

Improvement in fertilizer margin

A CASE FOR POLY4

- USA is the third largest cotton producer in the world.
- Virginia cotton is grown on coastal plains that are often deficient in both potassium and sulphur.
- POLY4 is a source of K, S, Mg and Ca, all of which are important nutrients for cotton production.
- POLY4 fertilizer programme improved cotton yield in previous cotton trials in Virginia: 3% lint yield improvement over MOP-balanced in 2015 and up to 77% increase in 2016 when severe drought restricted yield.

poly4.com
POLY4 outperformed both the MOP and MOP balanced treatments. All K fertilizers increased cotton yield. However, POLY4 also supplied S, Mg and Ca, which are important for cotton production.

The MOP + POLY4 treatment had the greatest fertilizer margin, which is the crop output value minus the fertilizer and spreading costs.

Cotton quality is measured by the fibre fineness and maturity (Micronaire), strength, size, uniformity and colour. Based on these parameters, MOP + POLY4 maintained quality producing highly uniform, long, very strong cotton fibres within the same colour grade.