



## Influence of the Urea in the Colour Intensity on **Digital Printing**

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## Abstract

It was studied the influence of urea in the digital printing of cotton in yellow, red and blue colours. In the first tests, the amount used were in the preparation recipes was 0 (without), 50 and 100 g  $L^{-1}$ , demonstrating high influence in medium (60 %) and dark shades (90 %), in the all three colors assessed. Therefore, another test was performed in order to verify the minimum possible amount to be used, without detriment in the colour intensity  $(K \cdot S^{-1})$ , concluding that the quantities above 80 g·L-1 does not influence in a significant increase in the  $K \cdot S^{-1}$ .

Keywords: urea, colour intensity, digital printing