



## EFFECT OF TWIST ON THE UNIFORMITY AND IMPERFECTIONS OF FLAX/COTTON BLEND YARNS

LAWAL, A. S.\*

Department of Textile Science and Technology  
Ahmadu Bello University, Zaria, Nigeria

### ABSTRACT

Ring-spun yarns of different twist levels were spun from blend of flax/cotton fibres. Fixed spindle speed, front roller speed, draft change wheel and variable twist multipliers were used to spin all the yarn counts. As twist increases, yarn count in tex also increases. However, a fall in the yarn count at twist level of 45.71 was observed followed by a slight increase in count at the highest twist level. The results obtained show that yarn uniformity improves and imperfections decrease when twist is increased. Thus, yarn irregularity and imperfections were greater at lower twist levels.

**Keywords:** Blended yarn, count, imperfections, twist, uniformity

\*Correspondence: [abuslawal@yahoo.com](mailto:abuslawal@yahoo.com)

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