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Atelier : "mécanisation"

The effect of mechanical harvesting on raw cotton quality

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Hand and machine picked cotton of the main varieties cultivated in Greece was sown, rolled and hand ginned in laboratory scale to study the effect of harvesting method on cotton quality. This study was also extended to cottons originated from several Greek regions industrially ginned.

In both experimental and industrial scale, hand picked cotton was of higher grade due to higher reflectance while trash content was much lower. Concerning fibre characteristics, variety and environment play the most important role than harvesting method which has hardly any effect.