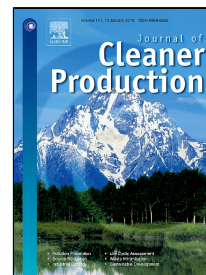


# Accepted Manuscript

Decreasing the diesel fuel consumption and CO<sub>2</sub> emissions of industrial in-field chipping operations



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**Decreasing the diesel fuel consumption and CO<sub>2</sub> emissions of industrial in-field chipping operations**

- AI delimeter-debarker-chipper was tested under two alternative engine settings
- Decreasing engine regime from 2100 to 1820 RPM allowed a 17% cut in CO<sub>2</sub> emissions
- Productivity and product quality remained unaltered, if not improved
- This measure is simple and can be easily replicated

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