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Title: Waterless sterilization of oil palm fruitlets using Supercritical carbon dioxide

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17 **HIGHLIGHTS**

- 18 • A waterless sterilization process using Supercritical Carbon Dioxide is proposed.
- 19 • The waterless oil palm sterilization reduced the generation of POME.
- 20 • SC-CO₂ can inactivate the microbes and enzyme that caused palm oil degradation.
- 21 • The optimum parameters of SC-CO₂ sterilization are 10MPa, 80°C and 60min.

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