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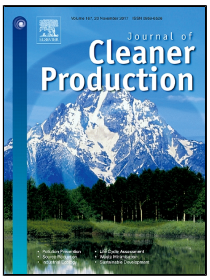

Evaluation of yield, essential oil content and compositions of peppermint (*Mentha piperita* L.) intercropped with faba bean (*Vicia faba* L.)

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Highlights:

- The highest peppermint biomass yield was obtained in peppermint monoculture and ratios of 66:34, 40:60, 60:40 and 75:25.
- Essential oil content and yield increased about 20% and 52% in the July harvest
- Peppermint/faba bean intercropping increased the menthol content
- Intercropping improved the quality of peppermint essential oil.