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Energy, Exergy Utilization and CO₂ Emission of Strawberry Production in Greenhouse and Open Field

Hasan Yildizhan

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Highlights

- The optimization of strawberry production is evaluated by cumulative exergy approach.
- Cumulative degree of perfection (CDP) is calculated based on agricultural inputs.
- The CDP values for open field and greenhouse are 0.29 and 0.18, respectively.
- A large part of loss of exergy is caused by fossil-based electricity usage.

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