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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Title | | Author | | | Location | | | | | | Journal | | |
| 标题 | | 作者 | | | 实验位置 | | | | | | 文献来源期刊 | | |
|  | | | | | | | | | | | | | |
| 原料分项 | | | | | | | | | | | | | |
| Material\_0 | | Material\_Main | | | Material\_2 | | | | | | Material\_3 | | |
| 主原料分类项 | | 主原料 | | | 原料2 | | | | | | 原料3 | | |
| 添加剂分项 | | | | | | | | | | | | | |
| Additive Species | | | Additive\_1 | | | Additive\_2 | | Additive\_3 | | | | Application Rate (%DW) | |
| 添加剂类型 | | | 添加剂1 | | | 添加剂2 | | 添加剂3 | | | | 添加比例 | |
|  | | | | | | | | | | | | | |
| 初始参数 | | | | | | | | | | | | | |
| Initial Moisture Content (%) | | | Initial pH | | | Initial TN (%) | | Initial TC (%) | | | | Initial C/N (%) | |
| 初始含水率 | | | 初始pH值 | | | 初始总氮 | | 初始总碳 | | | | 初始碳氮比 | |
| Initial EC (ms·cm⁻¹) | | | Initial GI (%) | | | Initial FW (kg) | | Initial DW (kg) | | | |  | |
| 初始电导率 | | | 初始发芽指数 | | | 初始鲜重 | | 初始干重 | | | |  | |
|  | | | | | | | | | | | | | |
| 终止参数 | | | | | | | | | | | | | |
| Final Moisture Content (%) | | | Final pH | | | Final TN (%) | | Final TC (%) | | | | Final C/N (%) | |
| 最终含水率 | | | 最终pH值 | | | 最终总氮 | | 最终总碳 | | | | 最终碳氮比 | |
| Final EC (ms·cm⁻¹) | | | Final GI (%) | | | Final FW (kg) | | Final DW (kg) | | | |  | |
| 最终电导率 | | | 最终发芽指数 | | | 最终鲜重 | | 最终干重 | | | |  | |
|  | | | | | | | | | | | | | |
| 气体排放项 | | | | | | | | | | | | | |
| TN loss (%) | | | NH3-N (g) | | | N2O-N (g) | | NH3-N loss (%) | | | | N2O-N loss (%) | |
| 总氮损失 | | | 氨-氮排放 | | | 氧化亚氮-氮排放 | | 氨-氮损失 | | | | 氧化亚氮-氮损失 | |
| TC loss (%) | | | CH4-C (g) | | | CO2-C (g) | | CH4-C loss (%) | | | | CO2-C loss (%) | |
| 总碳损失 | | | 甲烷-碳排放 | | | 二氧化碳-碳排放 | | 甲烷-碳损失 | | | | 二氧化碳-碳损失 | |
|  | | | | | | | | | | | | | |
| 方法分项 | | | | | | | | | | | | | |
| Method | M1\_Enclosed | | M2\_Turning | | M3\_Force aeration | | | | M4\_isVessel | | | | M5\_isReactor |
| 堆肥方法 | 是否非开放式 | | 是否翻堆 | | 是否强制通气 | | | | 是否容器内 | | | | 是否为反应器 |
| 堆肥设置 | | | | | | | | | | | | | |
| Period (d) | | Compost volume (m³) | | | | | Initial density (kg/L) | | | | Turning times | | |
| 堆肥天数 | | 堆肥体积 | | | | | 初始容重 | | | | 翻堆次数 | | |
| 通气分项 | | | | | | | | | | | | | |
| V1\_Ventilation Type | | | | V2\_Ventilation Interval (min) | | | | | | V3\_Ventilation Duration (min) | | | |
| 通气类型 | | | | 通气间隔 | | | | | | 通气单次持续时间 | | | |
| V4\_Ventilation Day | | | | V5\_Ventilation rate (L·min⁻¹·kg⁻¹iniDW) | | | | | | V6\_Extra | | | |
| 强制通气天数 | | | | 通气速率 | | | | | | 通气项额外备注 | | | |

数据集分项说明

a. 数据项空白为存在数据但无法直接提取或计算得到，当不存在对应数据时以“-”填充

b. 气体排放损失百分比为对应占初始总氮、初始总碳的百分比

c. 翻堆次数若以计算得来，向下取整

d. 通气分项V1分为持续通气（Continuous）与间歇通气（Intermittent），V1为Continuous时，V2为0，V3为“-”

e. 若存在通气速率变化，通气分项V5通常为计算所得均值