

Table S1: Chemical analyses of the digestate and slurry used in 2018 and 2019.

| Parameter | Year | Unit | Digestate | Bovine slurry |
|-------------------------------------|-------------|------------------------|------------------|----------------------|
| Moisture | 2018 | % | 92.80 | 94.30 |
| NH ₄ -N | | mg kg ⁻¹ DM | 19546.80 | 20566.67 |
| Total N | | % DM | 4.86 | 4.74 |
| Organic N | | % DM | 2.91 | 2.68 |
| Total P ₂ O ₅ | | % DM | 1.45 | 1.45 |
| Total K ₂ O | | % DM | 5.51 | 3.87 |
| Organic C | | % DM | 37.00 | 38.90 |
| Moisture | 2019 | % | 95.90 | 96.90 |
| NH ₄ -N | | mg kg ⁻¹ DM | 52150.49 | 37796.77 |
| Total N | | % DM | 6.34 | 13.23 |
| Organic N | | % DM | 1.12 | 9.45 |
| Total P ₂ O ₅ | | % DM | 2.01 | 2.24 |
| Total K ₂ O | | % DM | 7.88 | 4.46 |
| Organic C | | % DM | 38.20 | 36.30 |