|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Wrens | Pavo | Wrens | Pavo |
|  | --------------- kg N yr-1 --------------- | % of total N input |
| *N input* |  |  |  |  |
| Mineral Fertilizer | 60,395 | 33,807 | 78.9 | 40.7 |
| Grain Feed | 11,959 | 43,680 | 15.6 | 52.6 |
| Maize Silage | 1,224 | 0 | 1.6 | 0 |
| Hay | 3,011 | 5,587 | 3.9 | 6.7 |
| *Total Inputs* | 76,589 | 83,074 | 100 | 100 |
|  |  |  |  |  |
| *N Output* |  |  |  |  |
| Milk | 12,066 | 14,218 | 15.8 | 17.1 |
| N2O emission | 2,032 | -- | 2.7 | -- |
| NH3 volatilization | 2,310 | 746 | 3.0 | 0.9 |
| NO3 Leached | 205 | 4,364 | 0.3 | 5.3 |
| *Total Outputs* | 16,613 | 19,328 | 22 | 23 |
| *N Surplus* | 59,976 | 63,746 | 78 | 77 |