| **field** | **treatment** | **total\_no3\_n\_kg** | **total\_n2o\_n\_season\_kg** | **total\_n\_added\_kg** | **estimated\_plant\_n\_kg** |
| --- | --- | --- | --- | --- | --- |
| 1 | 0 | 1.1535489 | 32.638352 | 0.00000 | 255.460 |
| 1 | 25 | 11.5417032 | 19.063818 | 51.39448 | 320.480 |
| 1 | 50 | 2.4593067 | 47.142367 | 102.78895 | 299.420 |
| 1 | 75 | 52.1241596 | 108.256815 | 154.18343 | 353.460 |
| 1 | 100 | 6.9262332 | 99.302316 | 205.57790 | 312.500 |
| 2 | 0 | 0.1328319 | -2.332208 | 0.00000 | 175.612 |
| 2 | 25 | 7.1305069 | 11.183767 | 50.41303 | 263.138 |
| 2 | 50 | 0.5971767 | 53.409522 | 100.82606 | 292.996 |
| 2 | 75 | 0.1118828 | 74.976650 | 151.23909 | 459.476 |
| 2 | 100 | 63.0847973 | 79.961720 | 201.65212 | 334.618 |
| 3 | 0 | 0.3801814 | 16.376202 | 0.00000 | 288.158 |
| 3 | 25 | 1.9589466 | 39.712596 | 59.98747 | 355.792 |
| 3 | 50 | 52.1236770 | 26.997200 | 119.97494 | 315.330 |
| 3 | 75 | 10.8278915 | 154.780966 | 179.96242 | 244.132 |
| 3 | 100 | 25.3772421 | 160.905224 | 239.94989 | 418.546 |
| 4 | 0 | 0.1479537 | 27.489003 | 0.00000 | 195.040 |
| 4 | 25 | 1.6355282 | 12.075086 | 59.98747 | 216.720 |
| 4 | 50 | 6.9409681 | -2.280759 | 119.97494 | 355.520 |
| 4 | 75 | 18.1211249 | 84.116395 | 179.96242 | 353.402 |
| 4 | 100 | 34.1301266 | 174.673470 | 239.94989 | 365.280 |