**Where and when? How phenological patterns of armyworm moths (Lepidoptera: Noctuidae) change along a latitudinal gradient in Brazil**

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**Supplementary table 1** Cultivation period and size of cultivated and uncultivated areas around each trap, measured in buffer of 400m and 100m. UA: uncultivated areas. Hyphen (-) indicates absence of treatment at locality

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Locality | Period (days) | | | | | | | Size (ha) | | | | | | |
| soybean | corn | wheat | cotton | sorghum | pasture | UA | soybean | corn | wheat | cotton | sorghum | pasture | UA |
| 400m | Mojuí dos Campos 2 | 92 | 153 | - | - | - | - | 366 | 1450 | 2412 | - | - | - | - | 9466 |
| Rio Branco 1 | 121 | 213 | - | - | - | - | 366 | 4377 | 4839 | - | - | - | - | 1429 |
| Rio Branco 2 | - | - | - | - | - | 366 | 366 | - | - | - | - | - | 6629 | 10945 |
| Planaltina 1 | 122 | 122 | - | - | - | 213 |  | 1589 | 101 | - | - | - | 477 | - |
| Planaltina 2 | 122 | - | - | - | - | 213 | 366 | 407 | - | - | - | - | 347 | 11598 |
| Uberaba 1 | 91 | 91 | - | - | 91 | 366 |  | 679 | 968 | - | - | 1010 | 6146 | - |
| Uberaba 2 | 91 | - | - | - | - | 366 | 366 | 116 | - | - | - | - | 4799 | 11392 |
| Londrina 1 | 121 | - | 123 | - | - | 122 |  | 6004 | - | 2002 | - | - | 2749 | - |
| Londrina 2 | 121 | 153 | - | - | - | 122 | 366 | 2564 | 1230 | - | - | - | 1604 | 7594 |
| Passo Fundo 1 | 91 | 91 | 123 | - | 61 | 61 | 366 | 1999 | 252 | 3042 | - | 1241 | 506 | 2262 |
| Passo Fundo 2 | 91 | 91 | 123 | - | 61 | 61 | 366 | 246 | 27 | 351 | - | 89 | 85 | 9672 |
| Bagé 1 | - | - | - | - | 121 | 366 | 366 | - | - | - | - | 549 | 14349 | 1062 |
| Bagé 2 | - | - | - | - | 121 | 366 | 366 | - | - | - | - | 537 | 2091 | 13548 |
| 100m | Mojuí dos Campos 2 | 92 | 153 | - | - | - | - | 366 | 43 | 71 | - | - | - | - | 357 |
| Rio Branco 1 | 121 | 92 | - | - | - | - | - | 246 | 187 | - | - | - | - | - |
| Rio Branco 2 | - | - | - | - | - | 366 | 366 | - | - | - | - | - | 271 | 832 |
| Planaltina 1 | 122 | - | - | - | - | - | - | 145 | - | - | - | - | - | - |
| Planaltina 2 | - | - | - | - | - | - | 366 | - | - | - | - | - | - | 783 |
| Uberaba 1 | 91 | 91 | - | - | 91 | - | - | 65 | 105 | - | - | 112 | - | - |
| Uberaba 2 | - | - | - | - | - | - | 366 | - | - | - | - | - | - | 1123 |
| Londrina 1 | 121 | - | 123 | - | - | 122 | - | 334 | - | 24 | - | - | 157 | - |
| Londrina 2 | - | - | - | - | - | - | 366 | - | - | - | - | - | - | 710 |
| Passo Fundo 1 | 91 | 91 | 123 | - | 61 | 61 | - | 124 | 61 | 250 | - | 83 | 41 | - |
| Passo Fundo 2 | - | - | - | - | - | - | 366 | - | - | - | - | - | - | 454 |
| Bagé 1 | - | - | - | - | - | 366 | - | - | - | - | - | - | 774 | - |
| Bagé 2 | - | - | - | - | - | - | 366 | - | - | - | - | - | - | 1082 |