Supplementary Table 1. Dates of major field operations and pitfall trapping in experimental treatments. FT= Full Tillage, RT = Reduced Tillage, RYE = Cereal rye/hairy vetch cover crop, TIM = Timothy/red clover cover crop

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Treatment** | | | | | | | | |
|  |  | **Start 1** | | | |  | **Start 2** | | | |
|  |  | **RYE** | | **TIM** | |  | **RYE** | | **TIM** | |
| **Operation** | **Date** | **FT** | **RT** | **FT** | **RT** |  | **FT** | **RT** | **FT** | **RT** |
| Moldboard plowed | 13-Oct-03 | x |  | x |  |  | x | x | x | x |
| Disked | 13-Oct-03 |  | x |  | x |  |  |  |  |  |
| Planted cereal rye | 14-Oct-03 | x | x |  |  |  |  |  |  |  |
| Planted timothy | 14-Oct-03 |  |  | x | x |  | x | x | x | x |
| Planted red clover | 19-Apr-04 |  |  | x | x |  | x | x | x | x |
| Pitfall trapping | 21-Jun-04 | x | x | x | x |  |  |  |  |  |
| Pitfall trapping | 6-Aug-04 | x | x | x | x |  |  |  |  |  |
| Moldboard plowed | 26-Aug-04 | x |  |  |  |  |  |  |  |  |
| Chisel plowed | 26-Aug-04 |  | x |  |  |  |  |  |  |  |
| Chisel plowed | 22-Sep-04 |  |  |  |  |  |  | x |  |  |
| Moldboard plowed | 22-Sep-04 |  |  |  |  |  | x |  |  |  |
| Planted cereal rye | 22-Sep-04 |  |  |  |  |  | x | x |  |  |
| Chisel plowed | 3-Oct-04 |  | x |  |  |  |  |  |  |  |
| Planted hairy vetch | 3-Oct-04 | x | x |  |  |  |  |  |  |  |
| Moldboard plowed | 3-Oct-04 |  |  |  |  |  | x |  |  |  |
| Pitfall trapping | 7-Oct-04 | x | x | x | x |  |  |  |  |  |
| Disked | 1-May-05 | x |  | x |  |  |  |  |  |  |
| Moldboard plowed | 26-May-05 | x |  | x |  |  |  |  |  |  |
| Chisel plowed | 26-May-05 |  |  |  | x |  |  |  |  |  |
| Disked | 1-Jun-05 | x |  | x | x |  |  |  |  |  |
| Rolled hairy vetch | 5-Jun-05 |  | x |  |  |  |  |  |  |  |
| Planted soybean | 6-Jun-05 | x | x | x | x |  |  |  |  |  |
| Pitfall trapping | 20-Jun-05 | x | x | x | x |  | x | x | x | x |
| Harvested cereal rye | 21-Jul-05 |  |  |  |  |  | x | x |  |  |
| Cultivation | 28-Jul-05 | x | x | x | x |  |  |  |  |  |
| Pitfall trapping | 28-Jul-05 | x | x | x | x |  | x | x | x | x |
| Moldboard plowed | 15-Sep-05 |  |  |  |  |  | x |  |  |  |
| Chisel plowed | 15-Sep-05 |  |  |  |  |  |  | x |  |  |
| Planted hairy vetch | 15-Sep-05 |  |  |  |  |  | x | x |  |  |
| Pitfall trapping | 21-Oct-05 | x | x | x | x |  |  |  |  |  |
| Harvested soybean | 27-Oct-05 | x | x | x | x |  | x | x | x | x |
| Moldboard plowed | 20-Apr-06 | x |  | x |  |  | x |  | x |  |
| Chisel plowed | 27-Apr-06 |  |  |  |  |  |  |  |  | x |
| Disked | 28-Apr-06 | x | x | x | x |  |  |  |  | x |
| Planted maize | 3-May-06 | x | x | x | x |  |  |  |  |  |
| Cultivated | 16-May-06 | x | x |  |  |  |  |  |  |  |
| Planted soybean | 23-May-06 |  |  |  |  |  | x |  | x | x |
| Planted soybean | 13-Jun-06 |  |  |  |  |  |  | x |  |  |
| Rolled hairy vetch | 16-Jun-06 |  |  |  |  |  |  | x |  |  |
| Cultivation | 16-Jun-06 | x | x | x | x |  |  |  |  |  |
| Pitfall trapping | 3-Jul-06 | x | x | x | x |  | x | x | x | x |
| Cultivation | 19-Jul-06 |  |  |  |  |  | x |  | x | x |
| Cultivation | 3-Aug-06 |  |  |  |  |  |  | x |  |  |
| Pitfall trapping | 21-Aug-06 | x | x | x | x |  | x | x | x | x |
| Pitfall trapping | 2-Nov-06 | x | x | x | x |  | x | x | x | x |
| Harvest soybean | 10-Nov-06 |  |  |  |  |  | x | x | x | x |
| Harvested maize | 5-Dec-06 | x | x | x | x |  |  |  |  |  |
| Chisel plowed | 23-Apr-07 |  |  |  |  |  |  | x |  | x |
| Moldboard plowed | 24-Apr-07 |  |  |  |  |  | x |  | x |  |
| Disked | 1-May-07 |  |  |  |  |  | x | x | x | x |
| Planted maize | 11-May-07 |  |  |  |  |  | x | x | x | x |
| Cultivation | 18-Jun-07 |  |  |  |  |  | x | x | x | x |
| Pitfall trapping | 2-Jul-07 |  |  |  |  |  | x | x | x | x |
| Pitfall trapping | 1-Nov-07 |  |  |  |  |  | x | x | x | x |
| Harvested maize | 8-Nov-07 |  |  |  |  |  | x | x | x | x |