|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year | No-Till | | Reduced Tillage | | Conventional Tillage | | Cover Cropping | |
| # of Farms | Acres | # of Farms | Acres | # of Farms | Acres | # of Farms | Acres |
| 2012 | 168 | 91,906 | 164 | 97,548 | 371 | 62,644 | 83 | 1,930 |
| 2017 | 209 | 114,207 | 135 | 100,249 | 217 | 44,915 | 92 | 3,230 |
| 2022 | 281 | 108,283 | 203 | 122,094 | 384 | 46,540 | 168 | 4,603 |
| 10-Year Change | +113 | +16,377 | +39 | +24,636 | +13 | -16,104 | +85 | 2,673 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year | No-Till | | Reduced Tillage | | Conventional Tillage | | Cover Cropping | | (Tillage) Totals | |
| # of Farms | Hectares | # of Farms | Hectares | # of Farms | Hectares | # of Farms | Hectares | # of Farms | Hectares |
| 2012 | 168 | 37,193 | 164 | 39,449 | 371 | 25,351 | 83 | 781 | 703 | 101,984 |
| 2017 | 209 | 46,218 | 135 | 40,569 | 217 | 18,176 | 92 | 1,303 | 560 | 104,964 |
| 2022 | 281 | 43,821 | 203 | 49,410 | 384 | 18,834 | 168 | 1,863 | 868 | 112,064 |
| 10-Year Change | +113 | +6,628 | +39 | +9,970 | +13 | -6,517 | +85 | +1,082 | +165 | +10,080 |

|  |  |  |
| --- | --- | --- |
| Rotation | EarlyDate | Management |
| Winter Wheat, Late Plant (NT) |  |  |
| Year 1 | 05/15 | Spray Pest Control Chemicals |
| 06/15 | Spray Fungicide |
| 07/01 | Spray Fungicide |
| 08/15 | Harvest & Kill |
| 10/01 | Spray Pest Control Chemicals |
| 10/15 | Winter Wheat Planting (Drill or Air Seeder) |
| Winter Wheat, Early Plant (CT) |  |  |
| Year 1 | 05/15 | Spray Pest Control Chemicals |
| 06/15 | Spray Fungicide |
| 07/01 | Spray Fungicide |
| 08/15 | Harvest & Kill |
| 09/16 | Tillage (Moldboard Plow) |
| 09/17 | Tillage (Tandem Disk) |
| 09/19 | Fertilization |
| 09/20 | Winter Wheat Planting (Drill or Air Seeder) |
| Winter Wheat- Chemical Fallow, Early Plant |  |  |
| Year 1 | 03/01 | Fallow (Weed Growth) |
| 06/01 | Spray Pest Control Chemicals |
| 06/02 | Fallow (Weed Growth) |
| 07/15 | Spray Pest Control Chemicals |
| 09/15 | Winter Wheat Planting (Drill or Air Seeder) |
| Year 2 | 05/15 | Spray Pest Control Chemicals |
| 06/15 | Spray Fungicide |
| 07/01 | Spray Fungicide |
| 08/15 | Harvest & Kill |

|  |  |  |
| --- | --- | --- |
| Rotation | Date | Management |
| Winter Wheat (CT), Early Plant |  |  |
| Year 1 | 09/16 | Tillage (Moldboard Plow) |
| 09/17 | Tillage (Tandem Disk) |
| 09/19 | Fertilizer Application |
| 09/20 | Winter Wheat Planting (Drill or Air Seeder) |
| Year 2 | 05/15 | Herbicide Application |
| 06/15 | Fungicide Application |
| 07/01 | Fungicide Application |
| 08/15 | Harvest & Kill (Winter Wheat) |
| Winter Wheat (NT), Late Plant |  |  |
| Year 1 | 05/15 | Spray Pest Control Chemicals |
| 06/15 | Spray Fungicide |
| 07/01 | Spray Fungicide |
| 08/15 | Harvest & Kill |
| 10/01 | Spray Pest Control Chemicals |
| 10/15 | Winter Wheat Planting (Drill or Air Seeder) |
| Spring Canola-Winter Wheat (NT) |  |  |
| Year 1 | 05/15 | Herbicide Application |
| 06/15 | Fungicide Application |
| 07/01 | Fungicide Application |
| 08/15 | Harvest & Kill (Winter Wheat) |
| 10/01 | Herbicide Application |
| 10/02 | Spring Canola Planting |
| Year 2 | 05/05 | Herbicide Application |
| 06/01 | Insecticide Application |
| 08/15 | Harvest and Kill (Canola) |
| 09/15 | Herbicide Application |
| 09/16 | Fertilizer Application |
| 09/17 | Winter Wheat Planting |
| Winter Canola-Fallow-Winter Wheat (CT) |  |  |
| Year 1 | 05/15 | Herbicide Application |
| 06/15 | Fungicide Application |
| 07/01 | Fungicide Application |
| 08/15 | Harvest & Kill (Winter Wheat) |
| 10/30 | Tillage (Chisel, Twisted Shovel, Coil Tine Harrow) |
| Year 2 | 05/01 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 06/30 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 08/01 | Fertilizer Application |
| 08/05 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 08/30 | Winter Canola Planting |
| Year 3 | 05/05 | Herbicide Application |
| 06/15 | Insecticide Application |
| 08/15 | Harvest & Kill (Winter Canola) |
| 09/15 | Tillage (Offset Heavy Disk) |
| 09/16 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 09/17 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 09/18 | Fertilizer Application |
| 09/19 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 09/20 | Planting Winter Wheat |
| Lentil-Winter Wheat-Winter Wheat |  |  |
| Year 1 | 05/15 | Herbicide Application |
| 06/15 | Fungicide Application |
| 07/01 | Fungicide Application |
| 08/15 | Harvest & Kill (Winter Wheat) |
| 10/01 | Tillage (Moldboard Plow) |
| Year 2 | 02/01 | Fallow (Weed Growth) |
| 04/20 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 04/21 | Fertilizer Application |
| 04/25 | Lentil Planting |
| 04/26 | Soil Compacting (Cultipacker) |
| 05/19 | Herbicide Application |
| 08/15 | Harvest & Kill (Lentils) |
| 09/15 | Tillage (Offset Heavy Disk) |
| 09/16 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 09/17 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 09/18 | Fertilizer Application |
| 09/19 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 09/20 | Winter Wheat Planting |
| Year 3 | 05/15 | Herbicide Application |
| 06/15 | Fungicide Application |
| 07/01 | Fungicide Application |
| 08/15 | Harvest & Kill (Winter Wheat) |
| 10/11 | Tillage (Chisel) |
| 10/12 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 10/13 | Fertilizer Application |
| 10/14 | Tillage (Spike Point Field Cultivator, Coil Tine Harrow) |
| 10/15 | Winter Wheat Planting |
|  |  |  |