Supplemental Table. Seeding rates for cover crop treatments.

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| --- | --- |
| Cover crop treatment (acronym) | - - - - - - - - - - - - - - - - - - - - - - Seeding rate (viable seeds ha-1) - - - - - - - - - - - - - - - - - - - - - |
| Purple top turnip | Proso millet | Spring triticale | Soybean | Vine pea | Winter canola | Sunflower |
| Control |  |  |  |  |  |  |  |
| Purple top turnip (PTT) | 1,309,657 |  |  |  |  |  |  |
| Proso millet (PM) |  | 1,606,183 |  |  |  |  |  |
| Spring triticale (ST) |  |  | 2,471,050 |  |  |  |  |
| Soybean (S) |  |  |  | 321,237 |  |  |  |
| Vine pea (VP) |  |  |  |  | 741,315 |  |  |
| Winter canola (WC) |  |  |  |  |  | 1,482,630 |  |
| Sunflower (SF) |  |  |  |  |  |  | 59,304 |
| All cover crops (ALL) | 174,620 | 240,927 | 351,435 | 45,887 | 105,421 | 197,684 | 8,472 |
| ALL minus PTT | 0 | 273,051 | 411,838 | 53,229 | 123,540 | 247,104 | 10,166 |
| ALL minus PM | 218,275 | 0 | 411,838 | 53,229 | 123,540 | 247,104 | 10,166 |
| ALL minus ST | 218,275 | 273,051 | 0 | 53,229 | 123,540 | 247,104 | 10,166 |
| ALL minus S | 218,275 | 273,051 | 411,838 | 0 | 123,540 | 247,104 | 10,166 |
| ALL minus VP | 218,275 | 273,051 | 411,838 | 53,229 | 0 | 247,104 | 10,166 |
| ALL minus WC | 218,275 | 273,051 | 411,838 | 53,229 | 123,540 | 0 | 10,166 |
| ALL minus SF | 218,275 | 273,051 | 411,838 | 53,229 | 123,540 | 247,104 | 0 |
| ALL minus PM and ST | 261,930 | 0 | 0 | 64,242 | 148,248 | 296,525 | 11,861 |
| ALL minus S and VP | 261,930 | 321,237 | 494,205 | 0 | 0 | 296,525 | 11,861 |
| ALL minus WC and SF | 261,930 | 321,237 | 494,205 | 64,242 | 148,248 | 0 | 0 |