|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Trial | Cover crop (CC) treatment |  | a (Gardner model parameter, approximate inverse air-entry potential) | |  | n (Gardner model parameter, pore-size distribution) | |  | Percent macropores (Capillary rise equation) | |
|  |  |  | Estimate(SE) | p-value |  | Estimate(SE) | p-value |  | Estimate(SE) | p-value |
|  |  |  | cmH2O-1 |  |  |  |  |  | % |  |
| Central-grain | Rye CC |  | 0.021(0.011) | 0.97 |  | 1.15(0.078) | 0.67 |  | 59(4) | 0.61 |
| No cover |  | 0.022(0.011) |  | 1.10(0.078) |  | 62(4) |
| Central-silage | Rye CC |  | 0.026(0.011) | 0.32 |  | 0.90(0.078) | 0.52 |  | 54(4) | 0.40 |
| No cover |  | 0.041(0.013) |  | 0.82(0.09) |  | 59(5) |
| East-grain | Rye CC |  | 0.105(0.013) | 0.14 |  | 0.83(0.09) | 0.96 |  | 73(5) | 0.75 |
| No cover |  | 0.082(0.011) |  | 0.82(0.08) |  | 71(5) |
| West-grain | Rye CC |  | 0.026(0.013) | 0.15 |  | 0.83(0.087) | 0.60 |  | 48(5) | 0.05 |
| No cover |  | 0.049(0.013) |  | 0.90(0.09) |  | 61(5) |