Table 5. Root-knot nematodes in soil and galling on cucumber and lettuce roots at final harvest in response to off-season fallow treatments.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Treatment | | Cucumber | Lettuce |  | Cucumber | Lettuce |
|  | | RNK Juvenilesz | |  | Gallingy | |
| IC | | 5.3 | 6.0 |  | 4.0 | 2.1 |
| US-1136 | | 0.3 | 5.5 |  | 5.0 | 3.6 |
| US-1137 | | 12.8 | 4.8 |  | 4.0 | 2.1 |
| US-1138 | | 8.3 | 13.5 |  | 5.4 | 3.8 |
| US-1137+SSx | | 6.3 | 8.8 |  | 2.8 | 5.3 |
| SSw | | 2.0 | 5.0 |  | 4.8 | 2.8 |
| W | | 2.0 | 3.3 |  | 3.0 | 2.0 |
| WF | | 4.0 | 8.5 |  | 2.8 | 3.8 |
|  |  | | | | | |
| Significance | | NS | NS |  | \* | NS |
| W vs. Others | | NS | \* |  | NS | NS |
| WF vs. Others | | NS | NS |  | \* | NS |
| IC vs US-1136, 37, 38 | | NS | NS |  | NS | NS |
| SS vs. US-1136, 37, 38 | | NS | NS |  | NS | NS |
| SS vs. US-1137+SS | | NS | NS |  | \* | \*\* |
| US-1137 vs. US-1136 | | NS | NS |  | NS | NS |
| US-1137 vs. US-1138 | | NS | NS |  | NS | NS |

zPer 100 cc of soil.

yGalling indices based on Bridge and Page (1980).

xBuckwheat replaced US-1137+SS and sunn hemp replaced SS in winter fallow treatments.

wNS, \*, \*\*, \*\*\* indicate nonsignificant or significant at P ≤ 0.05, 0.01 or 0.001, respectively.