|  |  |  |  |
| --- | --- | --- | --- |
|  | **HEALTHY** |  | **DIEBACK** |
| **SAMPLE** | **11-****9** | **11-****10** | **11-****28** | **11-****38** | **average** | **11-****8** | **11-****31** | **11-****29** | **11-****35** | **11-****33** | **11-****15** | **11-****41** | **11-****42** | **11-****25** | **average** |
| Acrobeles | 0 | 0 | 0 | 10 | 2.5 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 1.1 |
| Aphelenchoides | 0 | 10 | 0 | 0 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aphelenchus | 10 | 0 | 0 | 0 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cephalobida | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 1.1 |
| Eucephalobus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 3.3 |
| Helicotylenchus | 10 | 30 | 0 | 0 | 10 | 30 | 170 | 0 | 10 | 90 | 10 | 10 | 0 | 30 | 38.9 |
| Leptonchus | 0 | 0 | 10 | 0 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Meloidogyne | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 2.2 |
| Mesocriconema | 0 | 10 | 0 | 0 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Monhystera | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 10 | 3.3 |
| Paratylenchus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 1.1 |
| Plectus | 0 | 0 | 0 | 10 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pratylenchus | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.1 |
| Prismatolaimus | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 3.3 |
| Rhabditidae | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 50 | 7.8 |
| Rhabditis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 1.1 |
| Tylenchus | 0 | 0 | 10 | 20 | 10 | 30 | 10 | 20 | 10 | 0 | 0 | 0 | 0 | 0 | 7.8 |
| Wilsonema | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 2.2 |

Table 1. Nematode counts per 10 ml soil samples from healthy ironwood trees and those with dieback.