Table 1. Effect of vermicompost on yield and blight incidence in taro

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Treatment  |  PDI (2011-12) | PDI(2012-13)  | Yield/plant (g) 2011-12 | Yield /plant(g)2012-13 |
| Soil application | 7.18  | 4.28  | 655  | 752.5  |
| Soil application + spraying at 60 DAP | 2.11  | 2.80  | 692  | 885.0  |
| Soil application + spraying at 90 DAP | 8.97  | 3.50  | 675  | 915.0  |
| Soil application + spraying at 60 & 90 DAP | 4.50  | 2.96  | 630  | 995.0  |
| Seed treatment  | 5.26  | 5.18  | 625  | 680.0  |
| Seed treatment + spraying at 60 DAP | 6.38  | 5.45  | 660  | 685.0  |
| Seed treatment + spraying at 90 DAP | 6.15  | 4.61  | 685  | 895.0  |
| Seed treatment + spraying at 60 & 90 DAP | 7.23  | 4.58  | 685  | 802.5  |
| Soil application + seed treatment | 7.14  | 3.63  | 650  | 905.0  |
| Soil application + seed treatment + spraying at 60 DAP | 6.47  | 2.05  | 625  | 925.0  |
| Soil application + seed treatment + spraying at 90 DAP | 5.52  | 2.00  | 745  | 960.0  |
| Soil application + seed treatment + spraying at 60 & 90 DAP | 8.28  | 1.56  | 725 | 1015.0  |
| POP  | 12.73  | 3.14  | 590  | 912.5  |
| Control  | 16.30  | 8.57  | 430  | 592.5  |
| CD (5%) |  |  | 111.8  | 167.86  |

Table 2. Effect of vermicompost on yield and collar rot incidence in elephant foot yam

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Treatment  | Collar rot incidence (%) 2011-12  | Collar rot incidence (%)2012-13  | Yield/plant (g)2011-12  | Yield/plant (g)2012-13  |
| Soil application | 25  | 0.0  | 787.5  | 707.5  |
| Soil application + spraying at 60 DAP | 25  | 0.0  | 806.3  | 975.0  |
| Soil application + spraying at 90 DAP | 0  | 0.0  | 1006.3  | 962.5  |
| Soil application + spraying at 60 & 90 DAP | 0  | 0.0  | 975.0  | 1162.5 |
| Seed treatment  | 25  | 20.0  | 718.8 | 610.0  |
| Seed treatment + spraying at 60 DAP | 50  | 10.0  | 681.3  | 660.0  |
| Seed treatment + spraying at 90 DAP | 50  | 10.0  | 618.8  | 657.5  |
| Seed treatment + spraying at 60 & 90 DAP | 25  | 10.0  | 656.3  | 707.5  |
| Soil application + seed treatment | 25  | 0.0  | 687.5  | 1030.0  |
| Soil application + seed treatment + spraying at 60 DAP | 25  | 0.0  | 662.5  | 1042.5  |
| Soil application + seed treatment + spraying at 90 DAP | 0  | 0.0  | 937.5 | 1035.0  |
| Soil application + seed treatment + spraying at 60 & 90 DAP | 25  | 0.0  | 706.3  | 1162.5  |
| POP  | 50  | 0.0  | 400.0  | 807.5  |
| Control  | 100  | 30.0  | 350.0  | 525.0  |
| CD (5%) |  |  | 285.1  | 261.41  |