Table 1 .*Independent Effect of Composition and Ameliorant Dose on Soil Properties at 8 MST*

|  |  |  |  |
| --- | --- | --- | --- |
| Treatment | Organic-C (%) | Soil pH | Population of PSB(x 108 cfu/g) |
| Ameliorant Composition (A) |  |  |  |
| a1 :80% CM + 20% CSB | 3,16 a | 6,06 a | 9,94 a |
| a2 :95%a1 + 5% (DG) | 3,23 a | 6,16 a | 10,12 b |
| a3 : 90%a1 + 10% (DG) | 3,25 a | 6,20a  | 10,02 ab |
| a4 : 85%a1 + 15% (DG) | 3,17 a | 6,18a  | 10,02 ab |
| Ameliorant Dose (T) |  |  |  |
| t0 : 0 ton.ha-1  | 2,04 a | 5,89 a | 9,85 a |
| t1 : 2 ton.ha-1 | 3,53 b | 6,01 a | 10,08 b |
| t2 : 4 ton.ha-1 | 3,58 b | 6,22 b | 10,08 b |
| t3 : 6 ton.ha-1 | 3,65 b | 6,38 b | 10,09 b |

Information:

- a1 = 80% Cow Manure + 20% Coconut Shell Biochar;; CSB = Biochar Coconut Shell; DG = Dolomite and Guano

- The same alphabets are not significantly different according to Duncan's Multiple Range Test at 5% significance level.

**Table 2** *Independent Effect of Composition and Ameliorant Dose on the Number and Weight of Chili Fruit from 5 Harvest Times*

|  |  |  |
| --- | --- | --- |
| Treatment | Amount of Fruit/ Plant | Weight of Fruit/Plant (g) |
| Ameliorant Composition (A) |  |  |
| a1 :80% CM + 20% CSB | 9 a | 40,37 a |
| a2 :95%a1 + 5% (DG) | 9 a | 38,06 a |
| a3 : 90%a1 + 10% (DG) | 9 a | 41,74 a |
| a4 : 85%a1 + 15% (DG) | 9 a | 38,38 a |
| Ameliorant dose (T) |  |  |
| t0 : 0 ton ha-1  | 6 a | 30,44  |
| t1 : 2 ton ha-1 | 9 b | 41,01  |
| t2 : 4 ton ha-1 | 10 b | 44,10  |
| t3 : 6 ton ha-1 | 10 b | 43,00  |

Information:

- a1 = 80% Cow Manure + 20% Coconut Shell Biochar;; CSB= Coconut Shell Biochar; DG = Dolomite and Guano- The same alphabets are not significantly different according to Duncan's Multiple Range Test at a real 5% level