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Solid Earth Discussions

Interactive comment on "Effects of Spent Mushroom Compost on Physicochemical Properties of Degraded Soil" *by* İlknur Gümüş and Cevdet Şeker

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Materials and methods Table 1 has been reorganized at the request of the referee. Results and Discussion (Aggregate stability decreased at 42 and 62 days of incubation periods in all SMC rates, when compared to a 21-day incubation period. These results may be explained by the decomposition of soil organic matter (Carrizo et al., 2015; Seker, 2003)). This sentence has been rewritten at the request of the referee. Ăřnitial EC value of SMC was checked. Soil pH and EC values were determined by using a glass-calomel electrode in a 1:2.5 mixture (w/v) of soil and water; SMC pH and EC, samples were mixed with water 1:5. Figures different characters was used in bars. Total nitrogen value of added Table 1. The other specified all corrections were made.

Thank you for your attention.

Please also note the supplement to this comment:
http://www.solid-earth-discuss.net/se-2016-122/se-2016-122-AC2-supplement.pdf

Interactive comment on Solid Earth Discuss., doi:10.5194/se-2016-122, 2016.

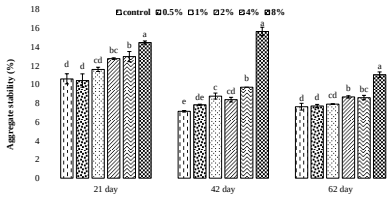
control 0.5% 1% 2% 4% 8%
Aggregate stability (%)
21 day
42 day
62 day

Fig. 1.

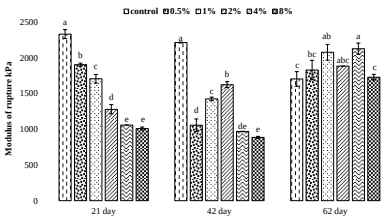
control 0.5% 1% 2% 4% 8%
Modulus of rupture kPa
21 day
42 day
62 day

Fig. 2.

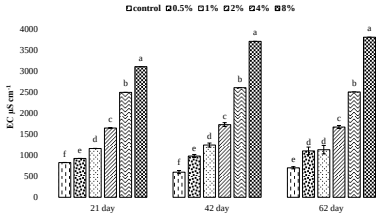
control 0.5% 1% 2% 4% 8%
EC, μS cm-1
4000
3500
3000
2500
2000
1500
1000
500
0
21 day
42 day
62 day

Fig. 3.

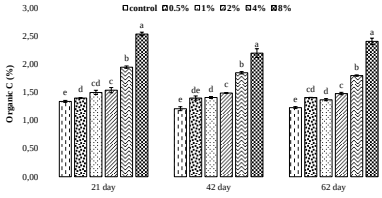
control 0.5% 1% 2% 4% 8%
Organic C (%)
3,00
2,50
2,00
1,50
1,00
0,50
0,00
21 day
42 day
62 day

Fig. 4.

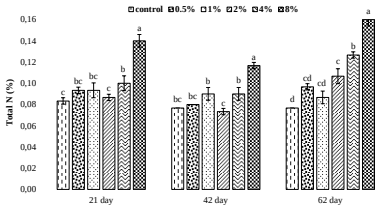
control 0.5% 1% 2% 4% 8%
Total N (%)
0,16
0,14
0,12
0,10
0,08
0,06
0,04
0,02
0,00
21 day
42 day
62 day

Fig. 5.