

IMPACT OF C20™ ON PLANT ROOTS, CHLOROPHYLL CONTENT AND GROWTH

Research Results

In the laboratory, plants treated with C20 had significantly more root and foliar growth than the compost and fertilized treatments (Figs 1 & 2). In treatments with C20, plant foliage contained more chlorophyll than any of the other treatments (Fig. 3).

Chlorophyll content increased throughout the study in plants growing in C20 treated soil; whereas all other treatments had a drop off in chlorophyll content as the study progressed. This indicates that the effects of C20 on plant growth are not completely related to release of soil nutrients.

Upon examination of the soils, it is apparent that the soil restructuring by the activated soil microorganisms plays a major role in root proliferation and plant health (Fig. 4).



Figure 4. Soils root abundance after harvest.

Figure 1. Root Mass measured after harvest at seven weeks.

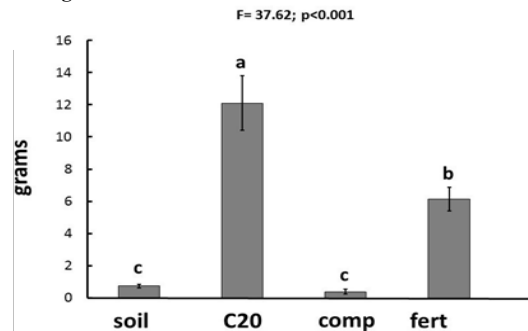


Figure 2. Above ground mass measured after harvest at seven weeks.

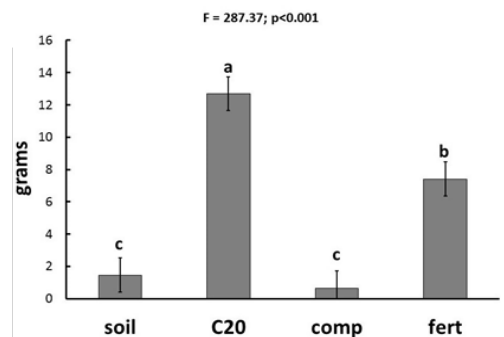


Figure 3. Weekly measurements of chlorophyll content

