

Green Manure and Biofertilizers

1. The use of organic fertilizers is more beneficial than chemical fertilizers in the crop field. Justify this statement with reasons. (4 marks)

(2019)

- Reasons:

a. Organic fertilizers are made from biodegradable wastes like animal excreta and agriculture wastes and contains most of the nutrients, while chemical fertilizers are made up of chemicals, which

are nutrient specific and prepared in chemical factories

b. Continuous use of organic fertilizers improves soil aeration, water holding capacity of soil and increase the soil microbial activity while chemical fertilizers decrease the soil fertility and results in the increase of the soil acidity and harms the soil flora and fauna.

c. Organic fertilizers cannot harm the environment also biodegradable in nature. On the other hand, chemical fertilizers can cause soil and water pollu

tion as made up of chemicals which are harmful to the consumers.

d. Organic fertilizers are cheap and accessible to all as the raw materials are easily available while chemical fertilizers are expensive and inaccessible as it requires high skilled human resources and expensive chemicals.