TeraPad

Terapad is an organic-based product derived from the microbial processing of plant residues. Due to its high organic matter content, low salinity, and adjusted pH within the neutral range, this product not only supplies a portion of the organic matter required by the soil but also enhances the soil's water retention and storage capacity.

During the production process, selected strains of active and efficient bacteria involved in the humification process are inoculated into the material. This approach helps reduce the C/N ratio to within the standard range.

Benefits

- **Increases soil organic matter content and enhances soil moisture retention capacity.**
- **Improves soil structure, increases water infiltration, and enhances aeration around the root zone.**
- **Promotes the activity of beneficial soil microorganisms.**
- **pH adjusted to a neutral range.**
- **C/N ratio adjusted within the standard range.**
- **Free of plant-pathogenic microbial and fungal contaminants.**

Composition (W/W) %

OC	**15**
OM	**30**

Nt	1.5
P_2O_5	1
K_2O	1
C/N	10
pH 1:10	7.5
EC 1:10	6 dS/m
Moisture	<30%

Application rate

Crop	How to use	Dosage	Time
Field Crops	Mixing with soil	250 – 500 Kg/ha	Before planting and during plowing and disking operations
Fruit trees	Mixing with soil	300 - 600 Kg/ha	In winter
Greenhouses and Tree Nurseries	Mixing with soil	200 – 400 Kg/1000 m^2	Before planting and during plowing and disking operations