

Abstract

Manufacture and use an organic nutrition soil for growing organic plants

Technical Field:

This invention belongs to the agriculture cultivation field.

Technical Solutions:

(1) Select the materials for manufacture organic nutrient soil: A. Choose pure sheepfold manure and cattle manure. Pure refers to no pesticides, no chemical fertilizers and no artificial additives has ever been used on cattle and sheep feed, completely natural; B. Choose clean river sand; C. Choose natural peat.

(2) Manufacturing of the Organic Nutrient Soil: The main raw fertilizer sources and nutrient sources are composed of pure sheepfold manure (80% of total weight) and cattle manure (20% of total weight) which are crushed, mixed, fully fermented, performed with harmless treatment, air dried until the particle sizes are between 0.2 to 0.5 mm, and packed for shipping and further usage. During the application, this main raw source is fully mixed with sand and natural peat by the proportions as 10-50%, 20-70%, and 10-30% (the selection of the proportion is based on the crop species) to complete the manufacture of the Organic Nutrient Soil.

(3) Using methods of the Organic Nutrient Soil: processed Organic Nutrient Soil will be put into semi-closed cultivation tank, sowing or transplanted with pre-cultivated seedlings. After that, watering and appropriate field management will be enough.

Figure 9