

Compost - is a name given ~~to~~ ⁱⁿ horticultural practice to a mixture of soil ingredients or organic manures. In a modern sense it is applied to synthetic manures consisting of leaves & litter, soaked in water mixed with fertilizers & any manure or other organic material available & allowed to decompose.

Important conditions necessary for proper decomposition

1. moisture

1. necessary in generating the heat in the decomposing process.
2. Not too much moisture should be present or it will exclude the air.
3. Kept damp but not soaked.

2. air -

1. Small Compost 8-10 ft sq. & 3-5 ft high there is enough surface for the proper amount of air to reach all parts of the compost.

2. In a larger compost - tiles can be put in the center reaching to the 4 corners.

3. Nitrogen - microorganisms require nitrogen & of course they bring about the decomposing. can be supplied by a variety of material such as - A. Leguminous plants - (Pod Plants)

1. Peas
2. Soy Beans

B. Farm yard manure

C. Fish scrapes

D. Chemical nitrogen (Ammonium Sulfate)

4. Phosphorus & Potassium - Small amounts are sufficient.

A -

Making a Compost Pile.

1. Any plant material may be used
 - A. Kitchen waste
 - B. Fish scrap
 - C. garden refuse
 - D. Leaves - grass - weeds.
2. Compost heap should most generally be about 10 ft sq. 3-5 ft high.
 - A. Flat on top
 - B. Depression in center top - to catch rain & it won't roll off sides.
 - C. 1 ft. dry material - (plants - grass - full grown -)
 - D. wet & water
 - E. Spread layer of manure 4-6 in. deep
 - F. Then layer of damp material (green succulent plants)
 - G. Spread uniformly a lb per 100 sq ft. of compost SuperphosphateRepeat in this manner until 3-5 ft high.

Water Hyacinth excellent.

1. Moist
2. Sufficient & potash & sufficient amt. of Nitrogen

This will begin to heat 2-3 days - don't not touch at this time.

3-4 wks. - fork through to mix damp & dry material so that is is uniform -

Keep damp not wet. (soaked)

Another 3-4 wks. should be completely decomposed ready for use.

Importance of a Compost.

1. Fertilizers leach out of the soil quickly.
2. Compost will benefit plants after it is put in for about 3 yrs.
3. Takes compost about 3. mo. to benefit plants.
4. Fertilizers work faster but must be repeated.

Sea weed.

Fair.

1. Salt must be gotten out.
2. Contains a lot of Iodine
- 3.