Why Go Organic? A Whole Food, Chemical Free Way of Life

Brought to you by:





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Fertilizer

An ingredient added to soil to improve the plant growth.

 Fertilizers make the plant grow better and healthier.





Chemical Fertilizer

- A chemical fertilizer consists of any inorganic material of synthetic origin that is added to improve growth of the plants.
- Chemical fertilizers consist of elements which are essential for plant nutrition such as nitrogen, phosphorus, potassium, sulfur and magnesium.
- Addition of chemical fertilizers to soils may have negative impact to the soil, such as less beneficial microorganism, and lower ability to retain water and nutrients.
- Soil will become more compact and less able to hold water and nutrients.





Natural (Organic) Fertilizer

- Natural (organic) fertilizer is made from organic wastes (crop, animal and farm wastes, aquatic wastes, biological materials to release nutrients, microbes and biofertilizers) for increase in production of crops without causing pollution to the environment.
- Organic fertilizer (such as animal wastes) adds nutrients to soil.
- Organic fertilizer maintain soil pH levels which help to support the growth of soil organisms and plant root.



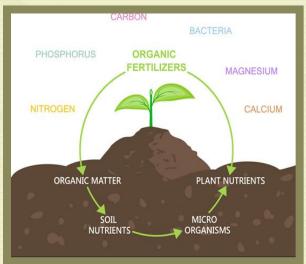




Organic Farming

 Organic Farming is an agricultural system that uses organic matter from animal and plant wastes, to improve the soil nutrients, promote growth of beneficial and nitrogenfixing microorganism and gives more nutrient to the plants.











•Crop rotation

 Mechanic al weed control

Organic farming

 Biological •pest control



Ladybug (predator) eating an aphid



Fresh air – remove carbon dioxide from the atmosphere

Food is free from chemical pesticides and fertilizers

Effective

recycling of

organic

materials (crop residues and

livestock

manures)

Benefits

of organic

farming

Energy saving – reduce the energy used up to 45% Sustainable method in farming and environment friendly

Long term protection of soil fertility and conserve wildlife







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