“Lyophilization”
A step towards
Evergreen Revolution

We all know that plants need various nutritious as a food by which growth and development of plant’s root, leaves, flowers, fruit and health of soil can be achieved and farmers can get better yield also improve the economical condition of farmer.

Fulfilment of Nutrition by less expense...
1. Use rotaveter to decompose the Agri-waste. Less Expense
2. Use of compost, vermi compost, city compost. With Expense/work
3. Natural Botanical element such as caster, Neem, Karanj, cake powder & seaweed Some Expense
4. “Nitrogen” by bacteria from air. Without Expense
5. Food from sunlight by photo synthesis. Without Expense

In addition to above, Nutrition, water, Air, Sunlight and micro-organism are essential for growth cycle of any crop. Fulfilment of above 5 element to the crop resulting increase in yield with less expense.

In Natural way, the bacteria in soil works for nutrition creation provide resistance to various diseases, fungus, pest and serve as our parents.

The fundamental aim of Nasco - Co-operative Society is to fulfil and overcome the current disturbed eco-balance in agriculture and farming by the bast option to serve the nature and mankind.

The continuous blind use of harmful chemical & poisonous pesticides from last seven decades in india found dangerous for soil, plant as well the health of all lives.

Modern farming throughout the world has to stop compulsory the use of chemical fertilizer and pesticides and has to adopt natural bio-organics fertilizer and botanical source with modern biotechnology which not only improve the crop and soil condition but also get back the test, quality and nutrient value of all crops and foods.

We are very happy that we have invested more in state of art to increase the shelf life and easy storage, transportation with installation and introduction of Lyophilized production facility of biological powder product. We take proud that we may be the first and pioneer in India to use such latest technology in Agriculture field which is generally used in Pharmaceutical based injectable plants only.

Instant and easy application of this Lyophilized product in farming solve many complications and challenges.

“NASCO” made easily available various microbial consortia powder products which acts as multiple such as nutrition uptakes, plants growth, resistance against diseases, pest etc. A wide broad spectrum range of lyophilized products made available for the farmer of various crops with best advanced technology.

We are committed to working hard for awareness to farmers to use the organic and biological fertilizer in the country as well as World and spread awareness of integrated approach of farming by reducing usage of harmful Agro chemicals.

Some informative guideline which can be useful to the farmers are given as under for reference.
1. **Soil Treatment (Before sowing):**
   - **Farm Yarn Manure/Compost**: Sufficient Quantity
   - **Sudarshan**: 4 Kg./acre
   Mix above organic fertilizer and apply in soil at depth.

2. **Seedling Treatment**
   - **Root Life**: 250 Gm.
   Treat the seedling with root life 5 gm./litre water and kept the treated seeding 30 minutes in shade then transplant in main field.

3. **For Growth of plant**
   - **Root Life**: 500 gm.
   Mix the root life in 10% jaggery water and apply it in the soil near root zone by irrigation water, drip or drenching.

4. **Growth & Development**
   - **Nasco Sudarshan**: 2 Kg./acre
   Mix with water and apply in soil through irrigation, drip and drenching. Repeat the same after 30 days if required.

5. **Flowering to fruiting stage:**
   - **Plant Plazma**: 500 gm./acre
   Mix the Plant Plazma with 10% jaggery water and apply it with irrigation drenching at the root zone or by drip irrigation.

6. **Protection & Health of crops (if required):**
   - **Root Health**: 500 gm./acre
   Mix the root health with 10% jaggery water and apply it with irrigation drenching or by drip irrigation.
   - **Plant Health**: 500 gm./acre
   Mix the plant health with water (3-4 gm./litre) and apply it by foliar spray repeat the application if required.
Nasco Sudarshan

Lyophilized

Application General Guide Line

Give it around tree in trench

Add powder in sufficient water and stir well until dissolve (Use after filter)

Add Lyophilized Powder in water

Stir well until the powder dissolved

Add this solution in the drum and keep for 4 to 8 hours before using

Drenching it at root zone of plants Then after give sufficient water