

# Stevia Plant Cultivation



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स्टीविया की व्यवसायिक स्तर पर खेती

### Introduction:



Stevia leaves have functional and sensory properties superior to those of many other high potency sweeteners. Stevia is likely to become a major source of high potency sweetener for the growing natural food market in the future. Although Stevia can be helpful to anyone, there are certain groups who are more likely to benefit from its remarkable sweetening potential. These include diabetics, those interested in decreasing caloric intake, and children.

# Plant Description:

**S**tevia rebaudiana is a small perennial growing up to 65-80 cm tall, with sessile, oppositely arranged leaves. Different species of Stevia contain several potential sweetening compounds, with Stevia rebaudiana being the sweetest of all. Stevia is a semi-humid subtropical plant that can be grown easily like any other vegetable crop even in the kitchen garden. The soil should be in the pH range of 6.5-7.5; well-drained red soil and sandy loam soil.

### Distribution:

**S**tevia is been successfully cultivated in the recent years at many areas of Rajasthan, Maharashtra, Kerala, Tamil Nadu and Orissa. The increasing demands for natural sweeteners have driven the farmers in India for Stevia cultivation in large scale.



# **Chemical Composition:**

**D**iterpene Glycoside is the group of natural sweeteners that have been extracted from Stevia. The leaves of wild Stevia plants contain 0.3 % dulcoside, 0.6% rebaudioside C, 3.8rebaudiosideA and 9.1 % Steviosides.

# Usage:

**S**tevia is safe for diabetics, as it does, not affect blood sugar levels. Stevia does not have the neurological or renal side effects of some of the artificial sweeteners. Stevia possess anti-fungal and anti-bacterial property also in addition to its other versatile uses. It can be safely used in herbal medicines, tonics for diabetic patients and



Also in the daily usage products like mouthwashes, and tooth pastes. Mild Stevia leaf tea offers excellent relief for an upset stomach Brief Investment:

100 kg of Stevia extract can be processed into 8-12 kg of final product (white sugar) which is 8-12%, the final product is called Steviosides"

# Economics Of One Acre Stevia Cultivation:

### **Expenditure:**

Distance (in acre)	Sapling (in land)	Cost (per plant)	Total	Other expenses (as per requirement)	Cost of culti- vation
1X1 ft	30,000 plants	4/- Rs.	30,000X4 = 1,20,000/-	Fertilizers Land preparation Labor expenses etc.	1,20,000/-

Total Cost Of Cultivation: 1,20,000/-

### Income:

Income of year	Total leaves (per year)	Company buy-back	Total
1 <sup>st</sup> Year	2500kg	150 Rs/kg	150X2500 = Rs.3,75,000/-
2 <sup>nd</sup> Year	2500kg	150 Rs/kg	150X2500 = Rs.3,75,000/-
3rd Year	2500kg	150 Rs/kg	150X2500 = Rs.3,75,000/-
4 <sup>th</sup> Year	2500kg	150 Rs/kg	150X2500 = Rs.3,75,000/-
5 <sup>th</sup> Year	2500kg	150 Rs/kg	150X2500 = Rs.3,75,000/-

Total 5 years Income: 18,75,000/-

# Technical Support & Services:

**W**e also provide technical support for farming. Our Service Department with technically qualified staff provide after sales service and farmers' advisory services to our customers to get better plant establishment and faster growth of Herbal and Horticultural plantations.

We have largest network of employees who deliver Plants to customers at their door steps. Free technical services to customers on planting method, management practices and plant protection measures. Our teams of Agricultural Experts periodically visits and supervise the plantations and suggest necessary guidelines to get better growth and higher returns. The income & expenditure indicated by the company is an approximate figure, as it also depends on the nature and hard work of the farmer.

### Services:

- 1. This includes Supervision, consultancy, guidance, Transportation cost first year.
- 2. First production start after 4<sup>th</sup> month and production will remain for next 5 year.
- 3. Buy back agreement of Stevia.
- 4. The income expenditure indicated by the company is an approximated figure, as it also depends on the nature and hard work of the farmer.

## Terms And Conditions Of Company:

- 1. For 1 Acre plantation the cost of Plants is Rs. 1, 20,000/-, out of which 50% i.e. Rs. 60, 000/- has to be paid before the cultivation and the remaining half after the planting is done.
- 2. The Buy Back Agreement Stamp paper of Rs.100/- has to be stamped by District Court of your area.
- 3. For 10 Acre or more yield the buy Back Agreement Stamp Paper will be of Rs.500/-.

# For More Infomation Contact Us:



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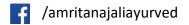
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We, Amritanjali Ayurved (OPC) Pvt. Ltd. are one of the reputed manufacturers and exporters of Herbal products like Dry powder, Nixoderm Skin Ointment, Cavifast Dental Cream, Cavisan Dental Cream and much more. These products are processed using natural herbs and quality ingredients, sourced from trusted names of the industry. As demands of our clients differ from each other, we are offering our products in different size packaging as per their requirements. Owing to superior quality, effectiveness, purity, precise composition, healthy to use and long shelf life, our products are used in various commercial areas like parlors, spas, pharmacies, cosmetic industries and for daily use also. Since our establishment, we have been associated with dedicated team of professionals, who are experienced and knowledgeable professionals. Our entire team is assigned with different activities who work in complete sync to process good quality Herbal Products. We provide regular training sessions to them, organize workshops and seminar in order to sharpen their industrial knowledge and

