



SHAMROCK



UNIT 2

PERFECT GROUP

The Trusted Name For Non GMO Soy Products

Outside View Of (PIPL)



Values

- "Perfect fosters and supports family values, respect, tradition, trust, team spirit, commitment, integrity and promotes them among employees as well as with its producers and clients."

Overview

- Largest manufacturer of De-oiled Lecithin and Granules in Asia and 3rd Largest in world.
- Set-up in 2007, it witnessed a meteoric rise owing to its superior quality, commitment, continuous research & development and technical advice by Dr. Michael Schneider.
- Today a preferred supplier of Non-GMO Soy products to globally respected corporations in the food, feed, pharmaceutical & cosmetic sectors in Europe, Korea, Taiwan, North America, Malaysia, etc.

Certifications

Meets the most stringent standards across the world.

- ISO 22000:2005
- FDA
- Cert. ID
- Halal
- Kosher



ISO 22000:2005 Certified Organisation

Soya Lecithin At Its Best

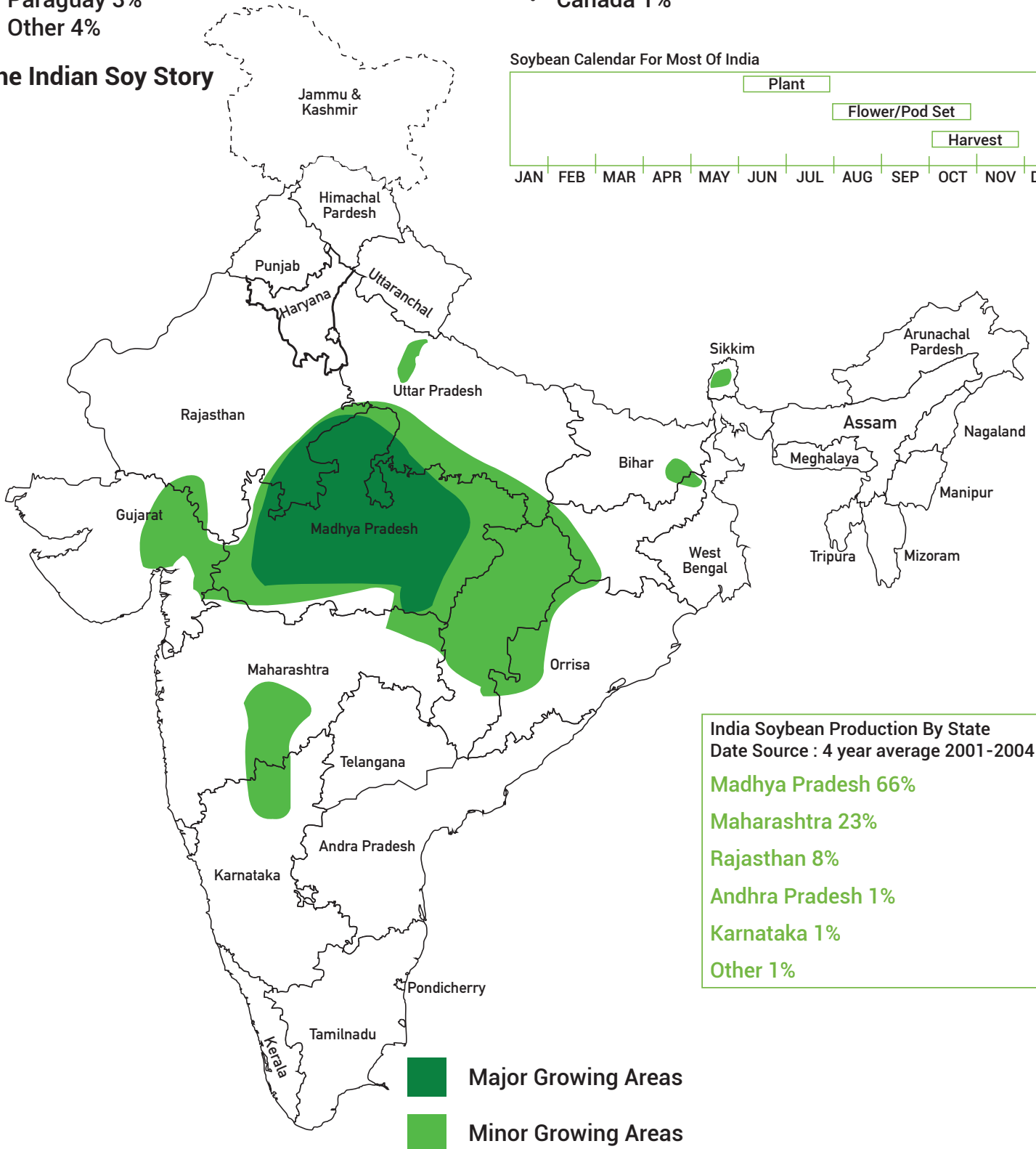
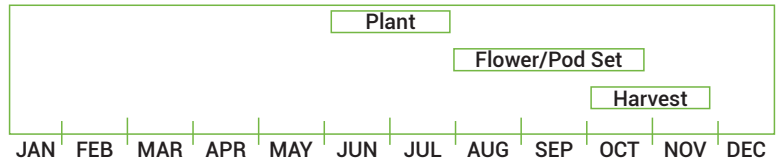
The Soy Story

- India is the world's **5th Largest Soy Producer**
- Brazil 28%
- China 7%
- Paraguay 3%
- Other 4%

- Argentina 21%
- India 4%
- Canada 1%

The Indian Soy Story

Soybean Calendar For Most Of India



Soya Lecithin At Its Best

Advantage India

- The Government of India & the Supreme Court of India has imposed a ban on all field trials of Genetically Modified Crops since 2006 and no imports of GMO Soy seeds have ever been allowed into the country. This has ensured that the entire Soy production of India has always been Non-GMO.

Advantage Location Nagpur

- The manufacturing unit at Nagpur is in close proximity to the 90% of country's Soy growing region of India.
- Nagpur is logistically well connected by road, train and air being centre of India.
- Abundance availability of competent manpower.
- The unit is in 5-star industrial complex of Butibori, MIDC, pegged as the largest in Asia about 35 kms. from Nagpur the second capital of Maharashtra, the most industrialized state of the country.

The PIPL Product Portfolio

- De-oiled Lecithin: 3600 MT/Year
- Lecithin Granules : 600MT/Year
- Standard Lecithin: 20000 MT/Year
- Phosphatidyl Choline (PC 35%) : 400 MT/Year
- Oil: 2000 MT/Year

State Of The Art Infrastructure

- Manufacturing facilities with the best of the technology to ensure the highest quality of products.
- In-house GMO testing laboratory based on Real Time PCR
- Technical tie-up with Dr. Michael Schneider
- In-House Microbiology testing Lab

Infrastructure



State-of-the-art, ultramodern manufacturing facilities with the latest technology to ensure the highest quality of products.

Soya Lecithin At Its Best

State of the Art GMO-LAB

Instruments Used

- Real time PCR Machine
- Laminar Air Flow
- Cooling Centrifuge (-20° C)
- Transilluminator
- Electrophoretic Assembly

Tests Done

- 35S Promoter Quantitative(LOQ=0.01 %)
- NPT II Qualitative
- General Cotton Qualitative

Ensuring Quality

- An advanced testing laboratory with highly sophisticated testing equipment & trained quality control experts ensure stringent quality checks at the raw material, in-process & finished product stages.
- HPLC /GC all instrumentation for identification of phoshatidyl content

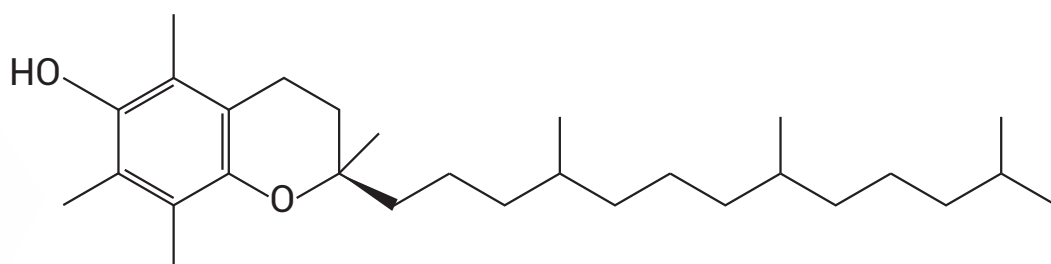


PVPL Product Portfolio

- Natural Mixed Tocopherol (VITAMIN E) :
50% - 450 MT / p.a.
20% - 1200 MT / p.a.
- Phytosterols : 120 MT/Year
- FAME (FATTY ACIDS METHYL ESTER): 1080 MT/Year
- Standard Lecithin: 18000 MT/Year

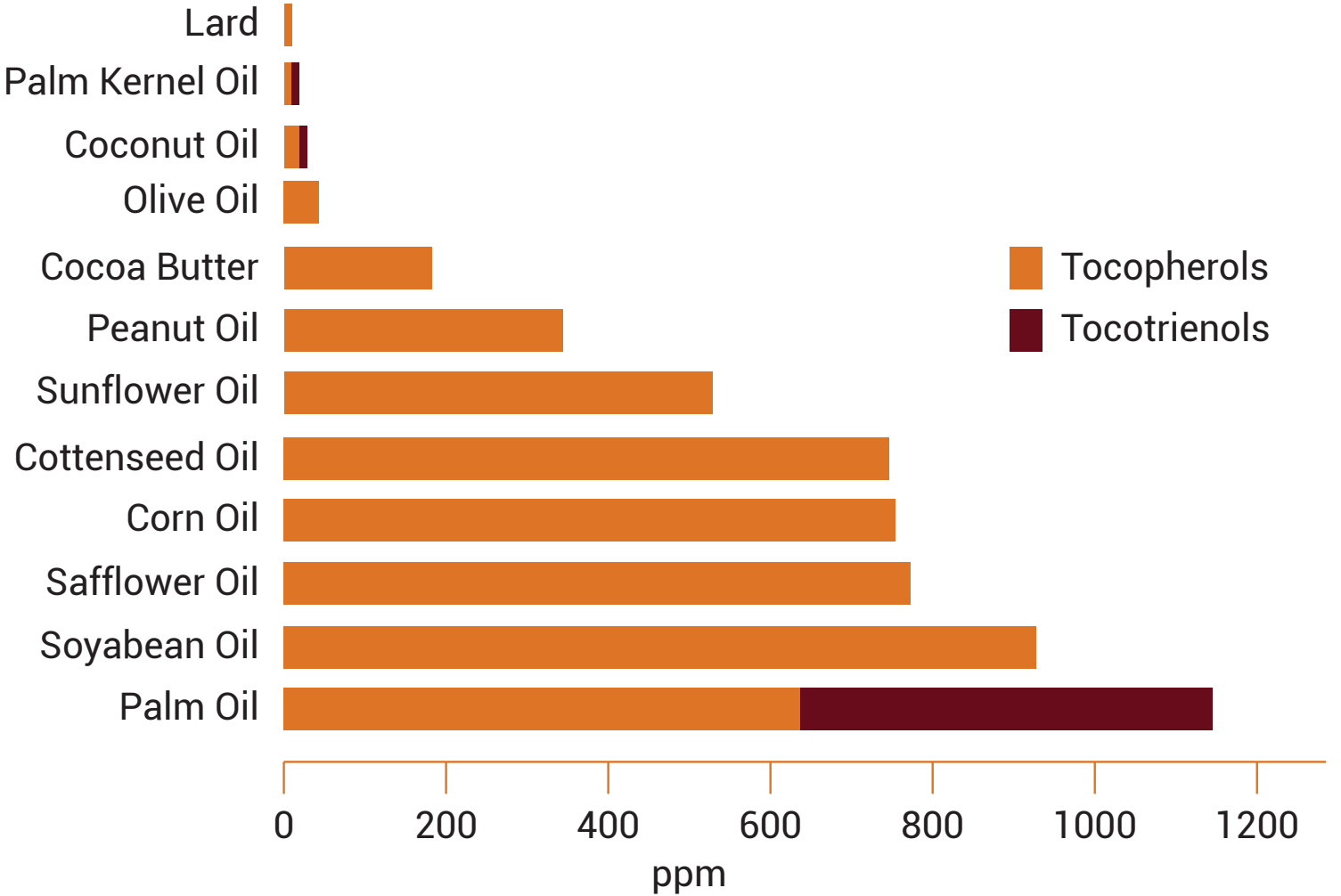
Perfect Future

- To produce Soy Protein Concentrate
- To Produce Soy Fatty Acid
- To undertake soy organic contract farming to fulfill captive demand
- To produce animal and aqua feed



Soya Lecithin At Its Best

Vitamin E Content In Fats & Oils





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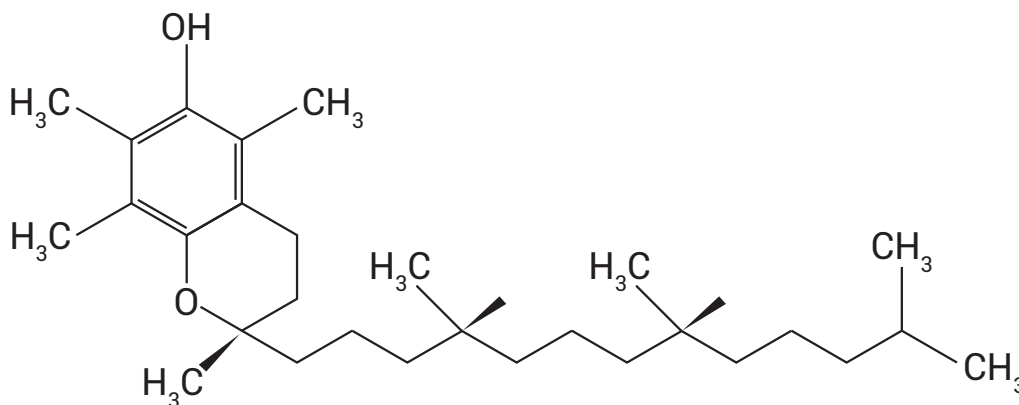


Soya Lecithin At Its Best

The Benefits Of Vitamin E

Benefits

- Protects cell membranes and tissues from damage by oxidation
- Aids in the formation of red blood cells and the use of Vitamin K
- Promotes function of a healthy circulatory system
- Adult RDA: 10 mg alpha-Te (Fat Soluble)



Vitamin E (Alpha-Tocopherol)



**Perfect Industries
Private Limited**

Marketing Tie-up With



SHAMROCK[®]
Nutrasciences

New Leaf in Nutraingredients