

Farm Tech Biogene



Farm Tech Biogene Pvt. Ltd.
(Formerly Biogene Agritech)

Research Activities

- ▶ Highly qualified scientific pool with trained skill persons.
- ▶ Range of Crops : Castor, Cotton, Pigeonpea, Pearl millet, Cumin, Legumes.
- ▶ R&D registered and recognized by DSIR, Ministry of Science and Technology, Govt. of India, New Delhi.
- ▶ A Member of Hybrid Parent Research Consortium of ICRISAT since 2006.
- ▶ Active collaboration for R & D with All India Co-Ordinated Crop Improvement Projects of ICAR.
- ▶ Several products are in market and under pipeline in each crop.

Castor Hybrid Breeding

- Breeding high yielding hybrids and improved parents
- Resistance to Fusarium wilt and Macrophomina blight hybrids
- Long and thick spikes with more number of effective branches
- Early and medium duration bold seeded hybrids with more oil



Castor
breeding
activities



Pigeonpea Varietal and Hybrid Breeding

- Emphases on breeding for high heterotic hybrids and improved varieties
- White and Brown seed coat colour with medium to bold grain size
- Resistance to fusarium wilt and sterility mosaic diseases
- Development of hybrids and varieties suitable for vegetable purpose.

View of Pigeonpea Breeding at R&D farm



Hybridization in pigeonpea

Discussing hybrid pigeonpea with Dr. David Bergvinson, DG, ICRISAT

Pearl Millet Hybrid Breeding

- Breeding for high heterotic hybrids with high seed and fodder yield
- Early and uniform maturity with thick long spikes, medium bold seeds
- Resistance to Downey mildew
- Suitable for growing in monsoon and summer high temperature seasons



R&D Monitoring

The monitoring team of ICAR (Indian Council of Agricultural Research) and ICRISAT regularly visit our R&D station for on sight monitoring and study of our activities.



Scientists from ICAR, Govt. of India Monitoring our R&D activities



Scientists from ICRISAT, Monitoring our Pigeonpea R&D activities

Business Development and On-farm Activities

- The on-farm trials on farmers fields are vital in popularizing company products
- Farmers meetings are effective to spread technology and products
- Agro fairs, TV, Mobile messages and Newspapers are our best media to contact farmers



Domestic Activities



Seed Production Activities

- Large scale seed production with critical field inspections is essential to produce high quality seeds.
- High emphases given on quality of seeds to realize genetic gain of our products by farmers.



Training hybrid pigeonpea seed producers



Hybrid Pearl millet seed production



Castor and Cotton seed production



In-house Quality Control

- We take high care in analyzing quality of our seeds
- Seed is a carrier of good genetics and we ensure our every seed to be true to type.

Germination testing



Genetic Purity testing



Our Products

Crop	Hybrids
Castor	Raja-5, Maharaja, Maharaja-9, Biogene-2, Biogene-5, Biogene-9 Bio Vikash, Bio Great-101, Bio maruti-999 Ratna Sagar, Ratna Sarita
Cotton	Bio Ratna-5 (Bt), Don-5 (Bt), Bio Excel (Bt)
Pearl millet	Biogene-33+, Biogene-66, Biogene-77, Ratna Raj-03
Pigeonpea	Bio Tapi-01 (White), BHT-1 (Brown), Ratna Tur- 101 (White)
Maize	BGA-321, Ratna MH-11

Crop	Improved varieties
Pigeonpea	Bio Tur-11, Kanchan-03, Bio Tur-21
Cumin	BAGC-333, Bio Jeera-55
Mustard	BGM-11, Ratna King-21
Sesame	Biogene-11, Ratna Pushakal-06, Sarita
Green gram	Biogene-31, Ratna Super-07
Black gram	Shyam-099, Ratna Urid-71
Guar gum	BAGG-91, Ratna Gum-61

Attractive Product Pouches for seed packing

Our seeds are packed in pouches after processing in the state of art machineries.



International Activities

Visit of our R&D farm by International Seed People

Bolivian team, 2012



Kaiima, Israel, 2014



Zimbabwe Embassy, New Delhi, 2017



South African team, 2014



King, Diamond of China, 2015



Commercial cultivation of our Castor Products in South Africa, 2014-15



Zambia Embassy, New Delhi, 2016



Zam Seed, Lusaka, 2017



COMESA, Lusaka, 2017



Tapera oil Industry, Lusaka, 2017



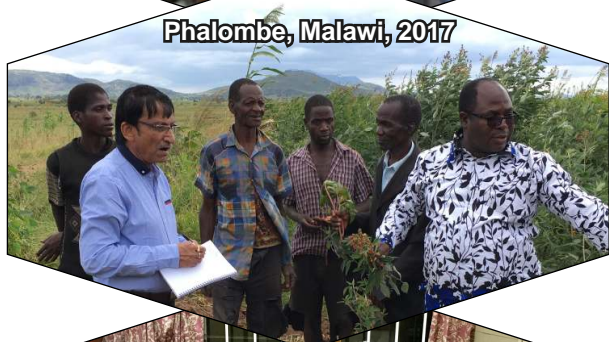
Our
Zambia
visit
&
Interactions

International Activities

Our Zimbabwe visit & Interactions



Malawi visit & Interactions



Participation in International events for business expansion

- We participate in international events and programs for developing our relations
- Technical presentations are delivered by Dr. Zaveri Managing Director on international platforms
- We are member of Indo-African Chambers of Commerce and Industry to promote our presence in African countries.



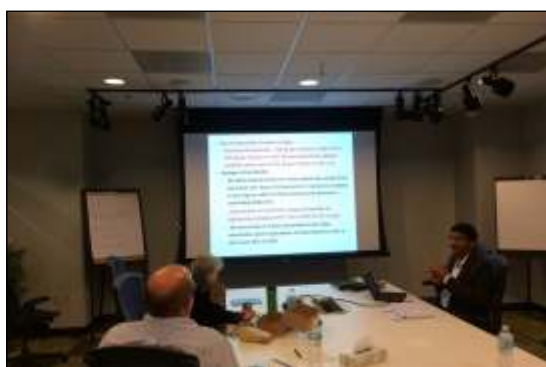
Presenting Castor Scenario in India at AAIC Meet, Lubbock, Texas, USA 2015



Castor R & D Collaboration Discussion with Dr. Liv Severion, EMBRAPA, Brazil, 2015



Discussing Castor R & D Collaboration with Dr. Dick Auld, Texas Tech Univ. Lubbock, USA.



Visit of Monsanto head quarter, Saint Louis, USA for Cotton GMO activity, 2015



Attended Indo Africa Agri Business meet at FICCI, New Delhi, 2015



Castor Hybrids



Maharaja
Raja-5
Maharaj - 9
Biogene-2
Biogene-5

Biogene-9
Bio Maruti 999
Bio Vikash
Ratna Sagar



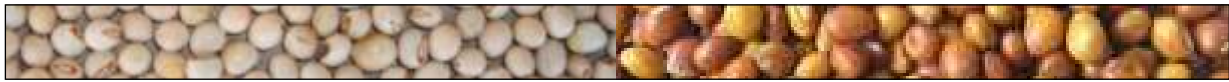
Pearl millet Hybrids



Biogene-33+
Biogene-66
Biogene-77
Ratna Raj -03



Pigeonpea



Kanchan-03

Bio Tur 11

Bio Tapi-01 Hybrid (White)

BTH-01 (Brown)



Bollgard II Cotton Hybrids



Bio Ratna 5

DON 5



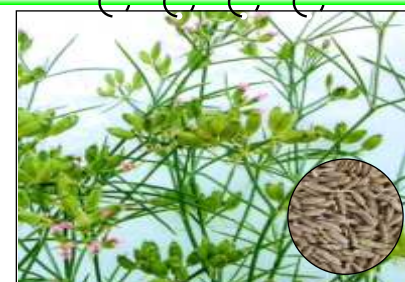
Sesame : Biogene-11



Mustard: BGM 11



Cumin: BAGC 333



Black Gram : Shaym 099



Green gram: Biogene-31



Guar Gum: BAGG-91





Dr. Pranjivan P. Zaveri

Managing Director

Farm Tech Biogene Pvt. Ltd.

Secretary - Gujarat State Seed Producers Association, Gandhinagar
Member, Governing Council, National Seed Association of India, New Delhi
Board Member, Gujarat State Seed Certification Agency, Ahmedabad

Awards and Distinctions

- ◆ Chancellor Gold Medal for toping University in Master study, 1976
- ◆ Senior fellowship for Ph. D. study, 1978
- ◆ Sardar Patel Research Award by Govt. of Gujarat, 1976
- ◆ Sr. Research fellowship and Visiting Scientist (1991-92), Consultant to CMS Project (1992) and member of Advisory Committee to HPRC for 3 years at ICRISAT.
- ◆ Doreen Mashler Award, ICRISAT (2007) for outstanding contribution to Public-Private Partnership



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