

Bio-tech Enhanced Plants

<u>Name</u>	<u>A breed of:</u>	<u>Quality/Resistant to:</u>
Prabhani Kranti	A. esculentus	Yellow Mosaic Virus.
Sonalika & Kalyan Sona	Wheat	High yielding. Disease resistant.
Jaya & Ratna	Rice	Semi-dwarf.
IR-8	Rice	Semi-dwarf. IRRI, Philippines.
Taichung Native I	Rice	Semi-dwarf. Taiwan.
Saccharum Officinarum	Sugarcane	Long internodes. Thicker stems.
Himgiri	Wheat	Leaf and stipe rust. Hill bunt.
Pusa Swarnim Karan Rai	Brassica	White rust.
Pusa Snowball K-1 Pusa Shubhra	Cauliflower	Black rot. Curl blight black rot.
Pusa Komal	Cowpea	Bacterial blight.
Pusa Sadabahar	Chilli	Chilly Mosaic Virus. Tobacco Mosaic Virus. Leaf curl.
Pusa Gaurav	Brassica	Aphids.
Pusa Sem 2 Pusa Sem 3	Flat Bean	Jassids, Aphids and Fruit Borer.
Pusa Sawani Pusa A-4	Okra	Shoot and Fruit Borer.

<u>Name</u>	<u>A breed of:</u>	<u>Quality/Resistant to:</u>
Mung bean	-	Yellow Mosaic Virus. (Mutation)
Mung bean	-	Powdery mildew. (Mutation)
Maize-2000		Lysine and Tryptophan
Atlas-66	Wheat	Protein
Rice	-	5 times more Iron
P 1542	Pea	High Yeilding
Jowar and Bajra	-	Water Stress
Hairy Leaved Cotton	-	Jassids
Hairy Leaved Wheat	-	Cereal Leaf Beetle
Solid Stemmed Wheat	-	Stem Sawfly
High Asp. Acid. Low Nit.	Maize	Maize Stem Borers
Smooth Leaf. Nectar less.	Cotton	Bollworms

Plant Diseases and Causative Agents:

<u>Disease:</u>	<u>Agent:</u>
Black Blight of Crucifers	Bacteria
Tobacco/Turnip/Yellow Mosaic	Virus
Red Rot of Sugar Cane	Fungi
Late Blight of Potato	Fungi
Brown Rust of Wheat	Fungi
Common Rusts	Fungi