



National Innovation Foundation - India
Making India Innovative....

SURJEET BASMATI 1 Salt Tolerant Paddy Variety

INNOVATOR

Surjeet Singh | Haryana

GENESIS

In 2008, the innovator sowed a paddy variety Pusa 1460 in his field but due to sheath blight disease the entire field was severely affected except one plant. The plant was harvested separately and transplanted in next year and again selected 225 plants, based on more number of tillers, lengthy spikes and free from foot-rot disease. Selection continued for another two years and found the desirable characteristics.

DISTINCT FEATURES

- High Yielding Variety (60 q/ha)
- High EC water.
- Free from foot-rot disease.

SUITABLE CLIMATE

- Tropical and sub-tropical plant, requires a fairly high temperature, ranging from 20° to 40°C.

BIOTIC/ABIOTIC STRESS RESISTANCE

- Tolerant to salinity and free from foot rot disease

OTHER FEATURES

- Storage / Shelf life : 1 year
- Life Span : Seasonal crop