

Varieties developed and released

Improved Vegetable Varieties



Swarna Vasundhara (Veg. Soybean)

- ❑ Recommended for cultivation in Jharkhand, Bihar, West Bengal and Orissa
- ❑ Time of sowing : June –July
- ❑ Yield : 14-18 t/ha



Swarna Tripti (Snow Pea)

- ❑ Recommended for cultivation in Jharkhand, Bihar and West Bengal
- ❑ Time of sowing : September – October
- ❑ Yield : 24-28 t/ha

Improved Vegetable Varieties



Swarna Mukti (Garden Pea)

- ❑ Recommended for cultivation in Jharkhand, Bihar and Rajasthan
- ❑ Resistant to powdery mildew
- ❑ Time of sowing : Sept. – Oct.
- ❑ Yield : 20-25 t/ha (42% increase over check)



Swarna Utkrisht (Dolichos bean - Pole type)

- ❑ Recommended for cultivation in Uttar Pradesh, Jharkhand, Bihar and Punjab
- ❑ Time of sowing : June –July
- ❑ Yield : 35-40 t/ha (42% increase over check)

Improved Cucumber Varieties



Swarna Poorna



Swarna Ageti



Swarna Sheetal

- ❑ Recommended for cultivation in Jharkhand, Bihar, Uttar Pradesh and Punjab
- ❑ Time of sowing : July-August & February-March
- ❑ Tolerant to powdery mildew
- ❑ Yield : 20-30 t/ha (45% increase over check)

- ❑ Recommended for cultivation in Jharkhand and Bihar
- ❑ Time of sowing : July-August & February-March
- ❑ Tolerant to powdery mildew
- ❑ Yield : 30-32.5 t/ha (40% increase over check)

- ❑ Recommended for cultivation in Jharkhand, Bihar, Uttar Pradesh, Maharashtra, Delhi, Himachal Pradesh, Andhra Pradesh and Kerala
- ❑ Time of sowing : July-August & February-March
- ❑ Tolerant to powdery mildew
- ❑ Yield : 20-30 t/ha (40% increase over check)

Improved Pointed gourd Varieties



Swarna Alaukik

- ❑ Recommended for cultivation in Jharkhand, Bihar, Orissa, Eastern UP and West Bengal
- ❑ Time of planting : 15 September - 15 November and February (rooted plant)
- ❑ Yield : 25-30 t/ha



Swarna Rekha

- ❑ Recommended for cultivation in Jharkhand, Bihar, Orissa, Eastern UP and West Bengal
- ❑ Time of planting : 15 September-15 November and February (rooted plant)
- ❑ Yield : 30-35 t/ha

Improved Ridge gourd Varieties



Swarna Manjari

- ❑ Recommended for cultivation in Jharkhand, Bihar, Uttar Pradesh and Punjab
- ❑ Time of sowing : June-July & February-March
- ❑ Tolerant to powdery mildew
- ❑ Yield : 18-20 t/ha (45% increase over check)



Swarna Uphar

- ❑ Recommended for cultivation in Jharkhand, Bihar and adjoining areas
- ❑ Time of sowing : June-July & February-March
- ❑ Yield : 20-30 t/ha (45% increase over check)

Improved Vegetable Varieties



Swarna Harita (Cowpea)

- ❑ Recommended for cultivation in Jharkhand and Bihar
- ❑ Time of sowing : February- March & June-July
- ❑ Tolerant to cowpea mosaic virus and rust
- ❑ Yield : 30-35 t/ha (46% increase over check)



Swarna Suphala (Cowpea)

- ❑ Recommended for cultivation in Jharkhand, Bihar, Karnataka and Kerala
- ❑ Time of sowing : February- March & June-July
- ❑ Resistant to rust and cowpea mosaic virus
- ❑ Yield : 25-30 t/ha (51% increase over check)



Swarna Prabha (Sponge gourd)

- ❑ Recommended for cultivation in Uttar Pradesh, Jharkhand and Bihar
- ❑ Time of sowing: June-July & February-March
- ❑ Tolerant to powdery and downy mildew
- ❑ Yield : 25-30 t/ha (55% increase over check)

Improved Tomato Hybrids



Swarna Baibhav (F₁)

- ❑ Recommended for cultivation in Punjab, Uttarakhand, Jharkhand, Bihar & Uttar Pradesh
- ❑ Time of sowing : September-October
- ❑ Suitable for long distance transportation & processing
- ❑ Yield : 90-100 t/ha (60% increase over check)



Swarna Sampada (F₁)

- ❑ Recommended for cultivation in Punjab, Uttarakhand, Jharkhand, Bihar and Uttar Pradesh
- ❑ Time of sowing : August –September & February-May
- ❑ Resistant to bacterial wilt and early blight
- ❑ Yield : 100-105 t/ha (65% increase over check)

Improved Tomato Varieties



Swarna Naveen

- ❑ Recommended for cultivation in Jharkhand, Bihar and adjoining areas
- ❑ Time of sowing : July-September & April-May
- ❑ Resistant to bacterial wilt
- ❑ Yield : 60-65.5 t/ha (55% increase over check)



Swarna Lalima

- ❑ Recommended for cultivation in Jharkhand and Bihar
- ❑ Time of sowing : July-September & February-April
- ❑ Resistant to bacterial wilt
- ❑ Yield : 60-70 t/ha (54% increase over check)

Improved Brinjal Varieties



Swarna Mani

- ❑ Recommended for cultivation in Bihar, Jharkhand, Uttar Pradesh, Punjab and Uttarakhand
- ❑ Time of sowing : August –September
- ❑ Moderately resistant to bacterial wilt
- ❑ Yield : 60-65 t/ha (45% increase over check)



Swarna Shyamli

- ❑ Recommended for cultivation in Jharkhand, Bihar and adjoining areas
- ❑ Time of sowing : Round the year
- ❑ Resistant to bacterial wilt
- ❑ Yield: 60-65 t/ha (65 % increase over check)

Improved Brinjal Hybrids



Swarna Shakti (F1)

- ❑ Recommended for cultivation in Bihar and Jharkhand
- ❑ Time of sowing : August –September
- ❑ Resistant to Phomopsis blight
- ❑ Yield : 70-75 t/ha (50 % increase over check)



Swarna Ajay (F1)

- ❑ Recommended for cultivation in Punjab, Uttarakhand, Bihar, Jharkhand and Uttar Pradesh
- ❑ Time of sowing : July –September & Feb. – March
- ❑ Resistant to bacterial wilt and Phomopsis blight
- ❑ Yield : 70-75 t/ha (49% increase over check)

Improved Jack fruit varieties



Swarna Manohar

- ❑ Recommended for cultivation Jharkhand and adjoining area
- ❑ Suitable for table purpose
- ❑ Fruit : Attractive skin colour, uniform in shape, highly fragrant pulp, sweet and firm flake
- ❑ Fruit maturity : Mid May
- ❑ Yield : 500-550 kg/tree



Swarna Poorti

- ❑ Recommended for cultivation Jharkhand and adjoining area
- ❑ Suitable for culinary purpose
- ❑ Fruit : Attractive light green, roundish and uniform shape
- ❑ Available Period : May - July
- ❑ Yield : 100-120 kg/tree