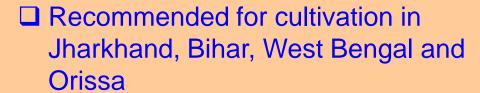
Varieties developed and released



Improved Vegetable Varieties



Swarna Vasundhara (Veg. Soybean)



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



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

Swarna Utkrisht (Dolichos bean - Pole type)



in

Improved Cucumber Varieties



Swarna Poorna

- □ Recommended for cultivation □ Recommended for 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)



Swarna Ageti

- 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)



Swarna Sheetal

- □ 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



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: 25-30 t/ha

- ☐ 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



Swarna Uphar

- □ 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)

- ☐ 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)



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)

Improved Vegetable Varieties



Swarna Suphala (Cowpea)



Swarna Prabha (Sponge gourd)

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

- □ 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)

ICAR-RCER, Patna

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)
 - □ Recommended for cultivation in Punjab,Uttrakhand, 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)

Swarna Sampada (F₁)



Swarna Naveen



Swarna Lalima

Improved Tomato Varieties

- □ 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)

- 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)



Swarna Mani



Swarna Shyamli

Improved Brinjal Varieties

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

- □ 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)



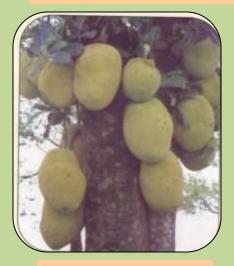
- □ Recommended for cultivation in Punjab,
 Uttarakhand, Bihar, Jharkhand and Uttar Pradesh
 □ Time of sowing: July –September & Feb. March
- ☐ Resistant to bacterial wilt and Phomopsis blight
- ☐ Yield: 70-75 t/ha (49% increase over check)

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 fragnant 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

