

Personal Details



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Research Interest

Improvement in vegetable crops

Research Highlights

Developed powdery mildew resistant mid-season varieties of garden pea Swarna Amar and Swarna Mukti, powdery mildew resistant variety of snow pea Swarna Tripti, high yielding variety of bush type French bean Swarna Priya, high yielding variety of pole type French bean Swarna Lata, high yielding varieties of pole type cowpea Swarna Sweta, Swarna Harita and Swarna Suphala, high yielding variety of bush type cowpea Swarna Mukut, high yielding variety of pole type dolichos bean Swarna Utkrisht, high yielding off-season variety of dolichos bean Swarna Rituvar and high yielding variety of vegetable soybean Swarna Vasundhara. Under rainfed upland situation, sole crop of vegetable soybean yielded maximum rice equivalent yield.

Memberships / Fellowships

Life Member of the Indian Society of Vegetable Science
Life Member of the Indian Society of Horticulture
Life Member of the Indian Society of Plant Genetic Resources
Life Member of the Horticultural Society of Haryana
Life Member of the Horticultural Society of Chotanagpur
Life member of International Society for Noni Science

Technology Developed

Varieties developed:

1. Garden pea-Swarna Amar & Swarna Mukti
2. Snow/Salad pea-Swarna Tripti
3. French bean-Swarna Priya & Swarna Lata
4. Cowpea-Swarna Sweta, Swarna Harita, Swarna Suphala & Swarna Mukut
5. Dolichos bean-Swarna Utkrisht & Swarna Rituvar
6. Vegetable soybean-Swarna Vasundhara

Publication Details

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Pan, R.S., Singh, A.K., Kumar, S. and Rai, Mathura. 2009. Stability of yield and its components in bush type French bean under off-season (summer) cultivation. Vegetable Science. 36 (1): 35-38.