

## Division of Land and Water Management

### Personal Details



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### Research Interest

Agronomy and PGR Management

### Research Highlights

### Memberships / Fellowships

Life member of Indian Society of Plant Genetic Resources, Indian Society of Agronomy, Indian Society of Horticulture, Indian Society for Arid Horticulture, Bikaner (Rajasthan), Society for Upliftment of Rural Economy Varanasi (UP) Association of Plant pathologist Akola (MS)  
Associateship, National Academy of Agricultural Sciences, 2014  
Agronomy Associateship Indian Society of Agronomy, 2012

### Technology Developed

1. Developed agronomic package for scientific faba bean production
2. Developed technology for late sown lentil production
3. Developed two variety of faba bean containing superior nutritional quality with low antinutritional factors have been developed, one for rainfed and another for irrigated ecosystem, has been released by state varietal release committee (SVRC) Bihar.

### Publication Details

**Singh AK**, Pedapati A. and Manibhushan N Chandra N and Narayan B. 2015. Extent and pattern of diversity in saffron germplasm of Indian Kashmir. *Bangladesh Journal of Botany* **44**(4):635-642.

**Singh AK**, Kumar P and N Chandra. 2013. Studies on yield production of mung bean (*Vigna radiata*) sown at different dates. *J. Environ. Biol.* **34**: 1007-1011.

**Singh AK**, Bhatt BP, Sundaram PK, Gupta AK and Singh Deepak. 2013. Planting geometry to optimize growth and productivity faba bean (*Vicia faba* L.) and soil fertility. *J. Environ. Biol.* **34** (1): 117-122.

**Singh AK**, Singh KM, Bharati RC, Chandra N, Bhatt BP and Pedapati A. 2014. Potential of Residual Sulphur and Zinc Nutrition in Improving Powdery Mildew (*Erysiphe trifolii*) Disease Tolerance of Lentil (*Lens culinaris* L.). *Communication in Soil Science and plant analysis* **45**: 2807-2818.

**Singh AK**. 2013. Studies on faba bean growth, yield attributes and yield in response to varying planting pattern, geometry and seeding depth. *Indian J. Hort.* **70** (2): 238-242.

**Singh AK**, Chandra N and Bharti RC. 2012. Effects of Genotype and Planting Time on Phenology and Performance of Rice (*Oryza sativa* L.). *Vegetos.* **25** (1): 151-156.

**Singh AK**, Meena MK, Bharati RC and Gade RM. 2013. Effect of sulphur and zinc management on yield, nutrient uptake, changes in soil fertility and economics in rice (*Oryza sativa*) – lentil (*Lens culinaris*) cropping system. *Indian J. Agril. Sci.* **83** (3):344-348.