**Brief Biodata**

**Name of the Official : Dr. Brinder Singh**

Designation **:** Professor Cum Chief Scientist

Area of Specialization **:** Soil Fertility and Nutrient Management

Research Station **:** All India Coordinator Research Project for Dryland

Agriculture (AICRPDA),Rakh Dhiansar, SKUAST

 Jammu-181133

 Mobile no **:** 09419152798

E-mail : brinder24@gmail.com

**Professional Details**

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| --- | --- | --- | --- |
| **S.No.** | **Post Held** | **Institute** | **Period** |
| **1** | Jr.Scientist/Assistant Professor | Sher-e-Kashmir University of Agricultural Sciences & Technology, Jammu | 24March, 2008 to 23March, 2020 |
| **2** | Senior Scientist /Associate Professor | Sher-e-Kashmir University of Agricultural Sciences & Technology, Jammu | 24March, 2020 to 2023 |
| **3** | Professor Cum Chief Scientist | Sher-e-Kashmir University of Agricultural Sciences & Technology, Jammu | 24 March 2023 to till date |

* **AICRPD/Network projects handled as PI and Co-PI**
* Permanent Manurial Trial in Maize based cropping system
* Quantification of residual effect of organic and inorganic sources of plant nutrition
* Evaluation and development of Alternate Landuse systems for rainfed conditions of Jammu
* Evaluation of most efficient maize-based intercropping system under rainfed conditions of Jammu
* Effect of soil and foliar application of inorganic and organic sources of nutrients in maize under rainfed mid hills of NW Himalayas
* **University funded projects handled as PI and Co-PI**
* Evaluation of low cost irrigation techniques in vegetable under rainfed condition
* Optimization of applied Inorganic nitrogen levels in rainfed maize cultivars
* Effect of mechanized planting on productivity and profitability of major rainfed *rabi*

food grains

* Agronomical evaluation of Sesame varieties at different sowing dates for higher productivity under rainfed conditions of Jammu

**External funded Research Projects**

* HADP-Development of Rainfed areas of J & K funded by UT of Jammu and Kashmir as Co-PI, Year of Start; 2023
* **Students Guided**

# Major Advisor : 01 (M.Sc.)

# Member Advisor : 02 (M.Sc.)

# On-going

# Major Advisor : 01 (M.Sc.)

# Member Advisor : 02 (Ph.D) & 3 (M.Sc.)

* **Technology developed**
* Integrated Nutrient Management in pearlmillet crop yield under rainfed conditions
* Integrated nutrient management in rainfed maize
* Evaluation of foliar application of nutrients on crop performance under rainfed

 conditions of Jammu region

* **Extension Activity**

|  |  |
| --- | --- |
| **B** | **On Farm Research**  |
| **1** | RIFS (Sub- component of AICRPDA) | Strengthening of traditional rainfed integrated farming system | **Farming situation -02*** Crop+ Livestock (18 selected Farmers)
* Crop+ Live stock +Horticulture (06 selected Farmers )
* 24 selected farmers of adopted village
 |
|  | NICRA | * Real time contingency implementation
* Alternate Landuse System
 | 50 selected farmers in 03 No.s’ of adopted villages |
| **2** | AICRPDA (SCSP) | Diversification of traditonal cropping system | 50 selected farmers of adopted village  |
| **3** | NICRA (SCSP) | Diversification of traditonal cropping system | 50 selected farmers of adopted village  |

**Village adopted**

* Adopted NICRA Village Khaner
* Adopted NICRA Village Khara Madana Khane
* Adopted AICRPDA(RIFS) Village Tarore
* Adopted NICRA (SCSP) Village Deoli
* Adopted NICRA (SCSP) Village Khotya
* **Resource Person**
* As a resource person nominated for monthly officer workshop at KVK, Samba
* As a recourse person in training programme for department of agriculture, samba distt.
* As a recourse person in training programme under ATMA (National Mission On Agricultural Extension and Technology
* **Soil samples analysis**
* Analysis of soil sample Prepared and distributed of soil health cards village adopted under AICRPDA-NICRA and project

**Publications**

* Research Publication : 42
* Books Publication : 3
* Teaching manuals : 2
* Technical Bulletins : 40
* Extension publications (Popular articles in Magazines) : 4
* Book Chapters : 12
* Annual Reports/Other projects Reports : 22
* Diagnostic field visit : 30
* Trainings Organized : 40
* Success Stores **:** 4

**Professional Societies as member**

* Life Member of Indian Society of Dryland Agriculture
* Life Member of Indian Society of Soil and water Conservation, India
* Life member Journal of Agrometeorology AAU, Anand
* Life member Society for Integrated Development of Agriculture, Veterinary and Ecological Science
* Life Member Trends in Biosciences Journal, Society For Advancement of Science and Rural Development
* Annual member of Indian Society of Soil Science
* Annual Member Indian Society of Agronomy (New Delhi)
* Hind Agricultural Research and Training Institute, Mujaffarnagar (Rashtriya Krishi) ( Annual Member)
* The Entomological Society of India (ICAR, New Delhi)

 **Signature of the applicant**

 **with date**