## I. PERSONAL INFORMATION

1. Name of the applicant (in block letters) : **PUNIA SUMER SINGH**
   (Surname followed by given name)

2. Designation : **Professor (PBG)**

3. Employer: **Sri Karan Narendra Agriculture University, Jobner**

4. Address for correspondence: **Department of GPB, RARI, Durgapura**

5. Telephone
   Office
   Residence
   Mobile : **9414168316**
   Email-ID : **sspunia.pbg@sknau.ac.in**

6. Date of Birth **30-12-1973**

7. Academic Qualification

| Degree/Diploma | Subject | Year | University/ Institution | Division/ Distinction |
|---|---|---|---|---|
| **Graduation** | BSc.(Ag) Hons | 1996 | RAU, Bikaner | I (70.02 %) |
| **Master** | MSc. (Ag.) PBG | 2000 | RAU, Bikaner | I (4.00/4.00) |
| **Ph.D.** | PBG | 2004 | MPUAT, Udaipur | I (3.47/4.00) |
| **NET** | Genetics | 2001 | ASRB, New Delhi | Qualified |
| **NET** | Plant Breeding | 2002 | ASRB, New Delhi | Qualified |

- ✓ Awarded **University Gold Medal** for M. Sc. Ag. (Plant Breeding & Genetics).
- ✓ Awrded University Merit Scholarship for M. Sc. Ag. (Plant Breeding & Genetics).
- ✓ Awarded **Senior Research Fellowship** by ICAR for Ph.D programme in Genetics (2002).

**Thesis title (M. Sc. /Ph. D.):**

M. Sc: **Creation of Genetic Variation in Coriander (*Coriandrum sativum* L.) Through Mutagenesis**.

Ph.D: **Combining Ability and Stability Analysis for High Temperature Tolerance and Yield Contributing Characters in Bread Wheat (*Triticum aestivum* L. em. Thell).**

8. **Employment Status**

| Designation | Pay scale (Rs) | Nature of work | University/ Institution | Period (From - To ) |
|---|---|---|---|---|
| **Professor(PBG)** | 37400-67000+ 10000 | ADR (Seeds), Research & Teaching | SKNAU, Jobner | 28-02-2021 to Cont.. |
| **Associate Professor (PBG)** | 37400-67000 + 9000 | Teaching & Research | SKNAU, Jobner | 28-02-2017 to 27-02-2021 |
| **Assistant Professor (PB&G)** | 15600-39100 + 7000 | I/c, AICRP on MULLaRP(Research & extension) | AU, Kota (Raj.) | 14-09-2013 to 27-02-2018. |
| **Assistant Professor (PB&G)** | 15600-39100/- + 7000 | I/c, AICRP on MULLaRP/Chickpea*(Research & extension) | MPUAT, Udaipur (Raj.) | 23-06-2005 to 13-09-2013 |

* Also working as chickpea breeder for three years (2011 to 2013).

## II. PROFESSIONAL ACHIEVEMENTS

9. **Salient achievements (Concept/technology/patents/variety/recommendations)**

### A. Varieties released & Notified at National Level

| S N | Crop | Varieties | Year of Release & Notification No. | Releases for Zone | Contr. (Major/ Associate) |
|---|---|---|---|---|---|
| **1.** | Lentil | Kota Masoor 1 | S.O. 399(E) 2018 | CZ | Major |
| **2.** | Lentil | Kota Masoor 2 | S.O. 1379(E) 2018 | CZ | Major |
| **3.** | Lentil | Kota Masoor 3 | S.O. 99(E)-2020 | CZ | Major |
| **4.** | Lentil | Kota Masoor 4 | S.O. 500(E)-2021 | CZ | Major |
| **5.** | Lentil | Kota Masoor 6 | S.O. 4388(E)-2024 | NWPZ & CZ | Major |
| **6.** | Urdbean | Mukundra Urd 2 | S.O. 1379(E) 2018 | NWPZ | Major |
| **7.** | Urdbean | Kota Urd 4 | S.O. 99(E) 2020 | NEPZ | Major |
| **8.** | Urdbean | Kota Urd 5 | S.O. 8(E)-2021 | SZ | Major |
| **9.** | Urdbean | Kota Urd 6 | S.O. 1560(E)-2024 | NWPZ | Major |
| **10.** | Rajmash | Kota Rajmash 1 | S.O. 1379(E) 2018 | CZ | Major |
| **11** | Chickpea | Kota Kabuli Chana 2 | S.O. 500(E)-2021 | NWPZ | Major |
| **12** | Chickpea | Kota Kabuli Chana 3 | S.O. 8(E)-2021 | WCZ | Major |
| **13** | Chickpea | Kota Kabuli Chana 4 | S.O.4222(E)-2023 | SZ | Major |
| **14** | Fennel | Karan Saunf l (RF 289) | S.O.4917(E)-2024 | Raj, UP, MP, Gujrat, Bihar, Haryana | Major |
| **15** | Fennel | Karan Saunf 2 (RF 290) | S.O.4917(E)-2024 | Raj, UP, MP, Gujrat, Bihar, Haryana | Major |
| **16** | Fenugreek | RMt 354 | S.O. 3254(E) 2022 | Raj, UP, MP, Gujrat, Bihar, Haryana | Major |

B. **Varieties released & Notified at State Level (Rajasthan)**

| SN | Crop | Varieties | Year of Rel. & Notification Number | Contribution (Major/ Associate) |
|---|---|---|---|---|
| **1.** | Urdbean | Pratap Urd 1 | S.O.2815 (E) 2013 | Major |
| **2.** | Urdbean | Kota Urd 3 | S.O. 99(E)-2020 | Major |
| **3.** | Fieldpea | Kota Matar 1 | S.O. 99(E)-2020 | Major |
| **4.** | Chickpea | Kota Desi Chana 1 | S.O. 99(E)-2020 | Major |
| **5.** | Chickpea | Kota Kabuli Chana 1 | S.O. 99(E)-2020 | Major |
| **6.** | Lentil | RLG 5 | S.O. 3540(E) 2016 | Associate |
| **7.** | Mungbean | MSJ 118 | S.O. 3540(E) 2016 | Associate |
| **8.** | Mungbean | RMG 975 | S.O. 3540(E) 2016 | Associate |
| **9** | Fieldpea | RFP 4 | S.O. 3540(E) 2016 | Associate |
| **10** | Lentil | Kota Masoor 5 | S.O. 4388(E)-2024 | Major |
| **11** | Chickpea | Kota Desi Chana 4 (RKG 13- 380) | S.O. 4388(E)-2024 | Major |
| **12** | Chickpea | Kota Desi Chana 5 (RKG 13- 515-1) | S.O. 4388(E)-2024 | Major |
| **13** | Chickpea | Kota Desi Chana 6 (RKG 19-1) | S.O. 4388(E)-2024 | Major |

C. **Varieties Identified for released & Notification**

| SN | Crop | Varieties | National/State (Adaptability) | Proceedings |
|---|---|---|---|---|
| **1.** | Fennel | RF 231 | All the fennel growing states of the country | 35th Annual Group Meeting of ICAR- AICRP on Spices to held at CCSHAU, Hisar during 15-17 October, 2024 |
| **2.** | Fenugreek | RMt 259 | All the fenugreek growing states of the country | |
| **3.** | Coriander | RCr 565 | All the coriander growing states of the country | |
| **4.** | Wheat | Raj 4548 | Wheat growing areas (normal sown) of Rajasthan | Rabi ZREAC 2023-24 held at RARI, Durgapura during 23-24 September, 2024 |
| **5.** | Wheat | Raj 4581 | Wheat growing areas (late sown) of Rajasthan | |
| **6.** | Barley | RD 3064 (Malt) | North Western Plain Zone of India | 64th Annual Group Meeting of ICAR- AICRP on Wheat & Barley to held at RVSKVV, Gwalior during 25-27 Aug, 2025 |
| **7.** | Barley | RD 3067 (Malt) | Malt barley growing areas of the Rajasthan | Rabi ZREAC 2023-24 held at RARI, Durgapura during 23-24 September, 2024 |
| **8.** | Barley | RD 3053 (Feed) | Feed barley growing areas of the Rajasthan | |
| **9** | Barley | RD 3080 (Feed) | Feed barley growing areas of the Rajasthan | |
| **10** | Mungbean | RMG 1166 | Mungbean growing areas of Rajasthan | Kharif ZREAC 2024 held at RARI, Durgapura during 29-30 April, 2024 |

10. Externally funded projects (details with funding agency, amount, duration etc.)

| S. No. | Project Title | Status (PI/Co-PI ) | Project Budget | Funding Agency | Duration |
|---|---|---|---|---|---|
| **1.** | Enhancing breeder seed production for increasing indigenous production of pulses in India | PI | Rs. 180.00 lakh/ | NFSM (Govt of India) | 03 years (2016-17 to 2018-19) |
| **2.** | Isolation of efficient plant type mutants with durable resistance to MYMV in urdbean | PI | Rs. 26.99 lakh/ | BRNS, BARC, Trombay, Mumbai | 03 years (2017-18 to 2019-20) |
| **3.** | PM RKVY Project on "Maintenance Breeding for Enhancing Seed Quality of Wheat and Barley" (2025) | CO-PI | **Rs. 64.57 lakh** | PM RKVY | 03 years (2024-25 to 2027-28) |
| **4.** | **PM-RKVY Project on "**Strengthening and Mechanization of University Farms to Enhance Quality Seed Production" (2025). | PI | **Rs. 422.20 lakh** | PM RKVY | 02 years (2024-25 to 2025-26) |
| **5.** | **PM-RKVY Project on** Establishment of Medium-Term Storage Module for Germplasm Storage, funded under PM-RKVY | CO-PI | **Rs. 140 lakh** | PM RKVY | 02 years (2024-25 to 2025-26) |

11. **Impact of scientific contributions**

- After joining the post of Assistant Professor (PBG) in AICRP on MULLaRP at ARS, Kota (MPUAT, Udaipur) in June 2005, I started work on crop improvement in crops *viz*., urdbean, lentil, chickpea, rajmash and fieldpea. I have contributed to the development of 26 varieties in different pulse crops.
- Significant expansion in area and productivity of urdbean in the last ten years has increased from 1.22026 lakh ha (2015-16) to 3.46 lakh ha (2024-25) in Zone V of Rajasthan by the adoption of high-yielding varieties of urdbean.
- Supply of required breeder seed (**594.3 qt against the indent of 422.5qt during** 2016-17 to 2017-19) of different pulse varieties under EBSP (Enhancing breeder seed production for increasing indigenous production of pulses in India, 2016-17 to 2018-19 at ARS, Kota) and ensured the availability of quality seed to pulse growers in the country.
- Awarded Best Centre Award (AICRP on MULLaRP, ARS, Kota) during 2019 by IIPR-ICAR for the development of varieties in urdbean, lentil and rajmash.
- Development of a hyper-variable genetic stock of lentil: The hyper-variable genetic stock was developed from a single plant (spontaneously mutant) **and** is

utilised by breeders at different institutes, viz., ARS, Kota, IIPR Kanpur, CCS HAU Hisar, etc., to improve lentil for different traits.

- Development of India's first extra-early variety of lentil, **Kota Masoor 1** in 2018 from ARS, Kota.
- Developed the world's first spontaneous mutant variety of lentil, **Kota Masoor 4** (RKL 58F-3715) in 2021 from ARS, Kota.
- Identification and reports of the first open-flower semi-leafless mutant of lentil: First to report open flower in lentil to the global scientific community**.** The open-flower trait offers an opportunity to explore hybrid technology in lentils, and mutant alleles can play a crucial role in understanding the genetics of the target trait and improving lentils.
- The quality seed production of SKNAU, Jobner, increased from 5376 quintals (2019-20) to 10457 quintals (2024-25).

12. Academic Contributions:

| **A.** | **Students Guided as Major Advisor** | | | | |
|---|---|---|---|---|---|
| | **Name of Student** | Title of thesis | University | **Degree** | **Year** |
| **1** | Mr. Narendra Kumar Jain | Agro-morphological Characterization of Spontaneous Mutants in Lentil (*Lens culinaris* Medik L.)". | Department of Genetics and Plant Breeding**,** Institute of Agriculture Science, Bundelkhand University Jhansi - 284128 (UP) | M.Sc. (PBG) | **2015** |
| **2.** | Mr. Harshit Chaturvedi | Variability and Character Association in $M_3$ generation of urdbean [*Vigna mungo* (L.). Hepper] | Department of Plant Breeding & Genetics, SKNCOA, (SKNAU, Jobner) | M.Sc. (PBG) | **2020** |
| **3.** | Dr. Dalip | Gene Action for Quantitative Traits in Mungbean [*Vigna 5adiate* (L.) Wilczek] Under Different Environments". | Department of Plant Breeding & Genetics, SKNCOA, (SKNAU, Jobner) | Ph.D. (PBG) | **2024** |
| **4.** | Dr. Rubina Khan | Induction of genetic variability by physical and chemical mutagens in Fenugreek (Trigonella foenum-graecum L.) | Department of Plant Breeding & Genetics, SKNCOA, (SKNAU, Jobner) | Ph.D. (PBG) | **2024** |
| **5.** | Dr. Priyesh Verma | Triple Test Cross Analysis for Heat Tolerance, Yield and its Contributing Traits in Bread wheat (*Triticum aestivum* L.em. Thell) | Department of Genetics and Plant Breeding, RARI, Durgapura, Jaipur (SKNAU, Jobner) | Ph.D. (PBG) | **2025** |
| **6.** | Dr. Gopikrishan Gaur | Genetic Architecture for Drought Tolerance, Yield and its Contributing Traits in | Department of Genetics and Plant Breeding, RARI, Durgapura, Jaipur (SKNAU, Jobner) | Ph.D. (PBG) | **2026** |

| | | | | | |
|---|---|---|---|---|---|
| | | Biparental Progenies of Feed Barley (*Hordeum vulgare* L.) | | | |

13. **Research Publications: More than 6 NAAS rated only**

| S.No. | Publications | NAAS rating |
|---|---|---|
| 1. | Ola, M.P., Jain, S.K., Choudhary, R., **Punia, S.S.** and Bharadwaj, C., 2025. Dissecting gene action for heat stress-responsive traits in chickpea (Cicer arietinum L.) across heat stress environments. *INDIAN JOURNAL OF GENETICS AND PLANT BREEDING*, *85*(04), pp.675-679. | 6.00 |
| 2. | OIa, M.P., Jain, S.K., Choudhary, R., **Punia, S.S.** and Bharadwaj, C., 2025. Physio-biochemical trait characterization using generation mean analysis in chickpea (Cicer arietinum L.) under timely and late sown conditions. *INDIAN JOURNAL OF GENETICS AND PLANT BREEDING*, *85*(02), pp.321-324. | 6.00 |
| 3. | Parihar, A. K., Tripathi, S., Hazra, K. K., Lamichaney, A., Gupta, D. S., Kumar, J., **Punia, S. S**., … & Dixit, G. P. (2025). Environmental adaptation of small-seeded lentils (*Lens culinaris*) in Indian climates: Insights into crop–environment interactions, mega-environments, and breeding approaches. Crop Science, 65(3). https://doi.org/10.1002/csc2.70090. | 7.90 |
| 4. | Shekhawat, P.K., Mohan Lal, J., **Sumer Singh, P**., Singh, J., Ravikiran, K.T. and Singh, V., 2025. Insights Into the Salt Tolerance of Lentil (Lens culinaris Medik): Characterisation of Germplasm Resource to Accelerate Crop Improvement. *Journal of Agronomy and Crop Science*, *211*(3), p.e70056. | 8.80 |
| 5. | Parihar, A.K., Hazra, K.K., Lamichaney, A., Gupta, D.S., Kumar, J., Singh, A.K., Das, S.P., Jeberson, M.S., Sofi, P.A., Lone, A.A. and Dev, J.,**Punia,S.S**. 2025. Adaptive responses of large-seeded lentils across diverse Indian climates. *Heliyon*, *11*(3), p.e42184. | 9.60 |
| 6. | Parihar, A.K., Hazra, K.K., Lamichaney, A., Gupta, D.S., Kumar, J., Mishra, R.K., Singh, A.K., Bhartiya, A., Sofi, P.A., Lone, A.A., Das, S.P., **Punia, S.S**. 2024. Multi-location evaluation of field pea in Indian climates: eco-phenological dynamics, crop-environment relationships, and identification of mega-environments. *International journal of biometeorology*, *68*(10), pp.1973-1987. | 8.60 |
| 7. | Khan, R., Punia, S.S., RAM, M., GUPTA, D., BHATT, B., AHMAD, S., DHEER, M., RAJPUT, S. and KUMAWAT, G., 2024. Determination of lethal dose (LD50) and sensitivity of fenugreek (Trigonella foenum-graecum) to sodium azide for induction of mutation. *The Indian Journal of Agricultural Sciences*, *94*(4), pp.440-443. | 6.00 |
| 8. | Jain, S.K., von Wettberg, E.J., Punia, S.S., Parihar, A.K., Lamichaney, A., Kumar, J., Gupta, D.S., Ahmad, S., Pant, N.C., Dixit, G.P. and Sari, H., 2023. Genomic-Mediated Breeding Strategies for Global Warming in Chickpeas (Cicer arietinum L.). *Agriculture*, *13*(9), pp.1-32. | 9.60 |
| 9. | Ahmad, S., Belwal, V., Punia, S.S., Ram, M., Dalip, Rajput, S.S., Kunwar, R., Meena, M.K., Gupta, D., Kumawat, G.L. and Hussain, T., 2023. Role of plant secondary metabolites and phytohormones in drought tolerance: a review. *Gesunde Pflanzen*, *75*(4), pp.729-746. | 10.30 |
| 10 | Dheer, M., Punia, S.S., Ram, B. *et al.* Morphological features of an open flower mutant plant and characterization of their progenies in lentil (*Lens* | 6.00 |

| | | |
|---|---|---|
| | *culinaris* Medik.). *Genet Resour Crop Evol* **61**, 879–886 (2014). https://doi.org/10.1007/s10722-014-0100-y | |
| 11 | Sheth, B. P. , **Punia S.,** Dheer, M., Rakhashiya Purvi M., Patel, Pooja P., Thaker, Vrinda, S. 2019. Phylogenetic implications and secondary structure analyses of Vigna mungo (L.) Hepper genotypes based on nrDNA ITS2 sequences. *Computational Biology and Chemistry*, 78: 389-397. | 9.74 |
| 12 | **Punia,S. S.,** Singh, K., Ram, B., Dheer, M., Jain, N. K. and Meena, M. 2021. Notification of crop varieties and registration of germplasm: Lentil Variety RKL 58F-3715 (Kota Masoor 4). *Indian Journal of Genetics and Plant Breeding*, 81(3):493. | 6.00 |
| 13 | Preeti Verma**,S. S. Punia,** P. Rokaria and S.N. Meena. 2021. Notification of crop varieties and registration of germplasm: Chickpea Variety RKGK 13-499 (Kota Kabuli Chana 2). *Indian Journal of Genetics and Plant Breeding*, 81(4):612. | 6.00 |
| 14. | Punia, S.S., Ram, B., Dheer, M., Jain, N.K., Koli, N.R. and Khedar, O.P., 2014. Hyper-variable spontaneous genetic variation for earliness, seed characters and other yield-contributing traits in lentil (Lens culinaris Med.). *Current Science*, pp.75-83. | 7.00 |
| 15. | Punia, S.S., Gautam, N.K., Ram, B., Verma, P., Dheer, M., Jain, N.K., Koli, N.R., Mahavar, R. and Jat, V.S., 2014. Genetic variability and correlation studies in urdbean (Vigna mungo L.). *Legume Research-An International Journal*, *37*(6), pp.580-584. | 6.00 |
| 16. | Punia, S.S., Ram, B., Koli, N.R., Ranwha, B.R. and Maloo, S.R., 2013. Genetic studies in relation to yield and its components in field pea (Pisum sativum L.). *Legume Research: An International Journal*, *36*(2). | 6.00 |
| 17 | Koli, N.R., Prakash, C. and Punia, S.S., 2012. Biparental mating in early segregating generation of aromatic rice (Oryza sativa). *Indian Journal of Agricultural Sciences*, *82*(1), p.63. | 6.00 |
| 18 | Punia, S.S., Shah, M.A. and Mittal, G.K., 2005. Heterosis in bread wheat [Triticum aestivum (L.) Em. TheiL]. *Indian journal of genetics and plant breeding*, *65*(04), pp.284-286. | 6.00 |
| | **Smarika/At a Glance/Books** | |
| **1** | Amar Singh and **S S Punia**, 2019. "Smarika 2013 -2019" College of Agriculture, Bharatpur, Publisher: Amar Singh, Dean & S S Punia, ADSW, Pages,1-36. | |
| **2.** | **S S Punia**, NC Pant, RK Meena, Jitendra Singh and Rahul Kumar. 2020. "At a Glance" 2013 -2020" College of Agriculture, Bharatpur, Publisher: Dr. Swaroop Singh, Dean, Pages,1-60. (English) | |
| **3.** | **S S Punia**, NC Pant, Jitendra Singh and Rahul Kumar. 2020. "At a Glance" 2013 -2020" College of Agriculture, Bharatpur, Publisher: Dr. Swaroop Singh, Dean, Pages,1-71. (Hindi) | |
| **4.** | S.S. Rajput, **S.S. Punia**, R.R. Choudhary, M. Kumar and S.L. Kajla (2024). **Sacred Status and Cultural Impact of Barley in Hindu Heritage.**Additional Director Research (SKNAU), Durgapura, Jaipur (Rajasthan). *SKNAU/2024/**72**: 1-24.* | |
| **5.** | **S.S. Punia**, S.S. Rajput, R.R. Choudhary, Manish Kumar, S.K. Jain, Roshan Choudhary and N.K. Gupta (2025). **Seed Production At SKNAU: Assessing Current Status & Outlining Future Directions.**Additional Director Research (SKNAU), Durgapura, Jaipur (Rajasthan). *SKNAU/2025/**77**: 1-42* | |
| **6.** | **S.S. Punia**, S.S. Rajput, S.K. Jain, Manish Kumar, R.R. Choudhary, R.N. Choudhary and S.L. Kajla (2025). **Pulses: Nutritional Value, Cultivation and Global Impact.**ICAR-AICRP on Kharif Pulses, Rajasthan Agricultural Research Institute (SKNAU), Durgapura, | |

| | |
|---|---|
| | Jaipur (Rajasthan). *SKNAU/2025/**91**: 1-111*. |
| **7.** | **S.S. Punia**, S.K. Jain, S.S. Rajput, Manish Kumar, R.R. Choudhary and S.L. Kajla (2025). **The Scenario of Pulses in Rajasthan: Scope and Opportunity.**ICAR-AICRP on Kharif Pulses, Rajasthan Agricultural Research Institute (SKNAU), Durgapura, Jaipur (Rajasthan). *SKNAU/2025/**92**: 1-85.* |

## PUBLICATIONS


14. **Collaborations/linkages with national and international institutes**:

A. **Collaborations/linkages with national institute:**
IIPR, Kanpur; PAU, Ludhiana; HAU, Hisar, JNKVV, Jabalpur; Centre for advanced Studies in Plant Biotechnology and Genetic Engineering, Saurashtra University, Rajkot, Gujrat, IARI, New Delhi, AU, Kota; SKRAU, Bikaner; MPUAT, Udaipur

B. **Collaborations/linkages with international institute:**
ICARDA, Beirut, Lebanon

15. Recognitions/Honors/Awards

| S.N. | Name of Award/ Honour | Conferred by (Name of body/organization, etc.) | Year of Award | Proof at Page No. |
|---|---|---|---|---|
| **1.** | **Appreciation award** of University for significant contribution in research project | Agriculture University, Kota | 2016 | 73 |
| **2.** | **Appreciation award** for sanction of BRNS project entitles "Isolation of efficient plant type mutants with durable resistance to MYMV in urdbean" for Rs. 26.99 lakh. | Agriculture University, Kota | 2017 | 74 |
| **3.** | Best Centre Award to AICRP on MULLaRP, ARS, Kota for outstanding Contribution in development of High Yielding Varieties of Lentil, Urdbean and Rajmash. | AICRP on MULLaRP, ICAR-IIPR, Kanpur | 2019 | 75 |

16. Life membership of scientific/ professional societies and offices held

- **Fellow** of Indian Society of Pulses Research and Development (ISPRD), ICAR-IIPR, Kanpur (UP)
- **Life membership** of Indian Society of Pulses Research and Development

(ISPRD), ICAR-IIPR, Kanpur (UP)

- **Life membership** of National Society of Plant Science, Hisar
- **Life membership** of Indian Society of Genetics and Plant Breeding, New Delhi.
- **Zone 4 Councilor** of Indian Society of Pulses Research and Development (ISPRD), ICAR-IIPR, Kanpur (UP) for 2020-21 to 2022-23.

17. **Workshop organized**: Annual Group Meet on Kharif Pulses (Pigeonpea, Mungbean, Urdbean, Cowpea, Guar, Horse Gram, Mothbean, Rajmash and Ricebean) during May 7-9, 2025 at Rajasthan agricultural Research Institute, Durgapura, Jaipur (Rajasthan).


(Sumer Singh Punia)