



**Dr. Bheeru Lal Meena**

Scientist SS (Plant Breeding)

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1. Date of birth : 1<sup>st</sup> July,1981
2. Education Qualification : Ph.D. (Plant Breeding & Genetics)
3. Joining Date in ICAR : 15.12.2009
4. Joining Date in DRMR : 01.07.2017
5. Discipline/Specialization : Plant Breeding
6. Research Experience : 9 years
7. Training/advance exposure in the area of work : Genomics–Assisted Breeding for Crop Improvement. Under ICAR-HRM Training programme for Scientific Staff (2017-18) at Division of Genetics, IARI New Delhi.

**8. Contribution to the Scientific advancement:**

**Released 12 rice varieties through SVRC**, Tripura (Tripura Khara Dhan 1 -IET 22837; Tripura Khara Dhan 2 - IET 22835; Tripura Jala – 1, TRC 2008 -1/ IET 22167; Tripura Hakuchuk 1/TRC 2013-4; Tripura Hakuchuk 2: TRC 2013-5; Tripura Aus Dhan: TRC 2013-12; Tripura Sarat Dhan: TRC 2008-5 (IET 22113); Tripura Nirog Dhan: TRC 2008-6 (IET 22580); Tripura Chikan Dhan: TRC 2008-4 (IET 22112); Gomati Dhan: (TRC-2005-1/ IET 21512); Khowai:(TRC 2005-3/ IET 21564). (Associated)

**Released 1 in Mungbean** (Tripura Mung 1), 1 in Urdbean (Tripura Maskolai), 1 in Toria (Tripura Toria: TRC T-1-1-5-1) and 1 in Sesame (Tripura Siping) through SVRC, Tripura (Associated)

**9. Current Research Projects & Future planning of research:**

Breeding for White Rust and Stem Rot Resistance/Tolerance in Indian mustard

10. **Awards/ Recognitions** : Young Scientist Award, Awarded in International Conference on Advances in Agriculture and Allied Science Technologies for Sustainable Development (ICAAASTSD-2018). By Genesis Urban and Rural Development Society Hyderabad, (Telangana), India during 10-11 February, 2018

**11. Publication (Research Paper best 20):**

- **Meena, B.L.**, B.R. Ranwah, S.P. Das, H.S. Meena, S.K. Meena, R. Kumari and Anamika Nath. 2018. Assessment of Economic Heterosis in Dual Purpose Sorghum [Sorghum bicolor (L.) Moench]. *Int.J.Curr.Microbiol.App.Sci.* 7(7): 3196-3205.
- **Meena, B.L.**, S.P. Das, S.K. Meena, R. Kumari, A.G. Devi and Devi, H.L. 2017. Assessment of GCV, PCV, Heritability and Genetic Advance for Yield and its Components in Field Pea (*Pisum sativum* L.). *Int.J.Curr.Microbiol.App.Sci.* 6(5): 1025-1033.

- **Meena, B.L.**, S.P. Das, B.K. Kandpal and Nagchan, S.V. 2017. Genetic Estimates and Character Association Studies in Field Pea (*Pisum sativum* L.). *Int.J.Curr.Microbiol.App.Sci.* 6(6): 2375-2388.
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- **Meena, B.L.**, B.R. Ranwah, S.P. Das, S.K. Meena, R. Kumari, Rumana Khan, V.K. Bhagasara and Gangarani Devi, A. 2017. Estimation of Heterosis, Heterobeltiosis and Economic Heterosis in Dual Purpose Sorghum [*Sorghum bicolor* (L.) Moench]. *Int.J.Curr.Microbiol.App.Sci.* 6(5): 990-1014.
- Bhagasara, V.K., B.R. Ranwah, **B.L. Meena** and Rumana Khan. 2017. Estimation of GCV, PCV, Heritability and Genetic Gain for Yield and its Related Components in Sorghum [*Sorghum bicolor* (L.) Moench]. *Int.J.Curr.Microbiol.App.Sci.* 6(5): 1015-1024.
- Anamika Nath, S.R. Maloo, **B.L. Meena**, A. Gangarani Devi and Sheetal Tak. 2017. Assessment of Genetic Diversity Using ISSR Markers in Green Gram [*Vigna radiata* (L.) Wilczek]. *Int.J.Curr.Microbiol.App.Sci.* 6(5): 1150-1158.
- R.P. MEENA, D. SINGH, **B.L. MEENA**, S.K. MEENA AND R. KUMARI 2017. Evaluation of fenugreek (*trigonella foenum -graecum* L.) Genotypes under normal and limited moisture conditions. *Journal Of Plant Development Sciences* Vol. 9 (4) 283-295.
- Anamika Nath, S.R. Maloo and **B.L. Meena**. 2017. RAPD analysis in mungbean [*vigna radiata* (L.) Wilczek]. *Journal Of Plant Development Sciences* Vol. 9 (4) 217-322.
- Anamika Nath, S.R., Maloo, K.K., Barman, **B.L., Meena**, A., Gangarani Devi, G.S., Yadav and Sheetal Tak. 2017. Molecular Characterization of Green Gram [*Vigna radiata* (L.) Wilczek] For Future Breeding Programmes. *Int.J.Curr.Microbiol.App.Sci.* 6(6): 1385-1398.
- Ravi praksh, D. Singh, **B.L. Meena**, Reena Kumari and Meena, S.K. 2017. Assessment of Genetic Variability, Heritability and Genetic Advance for Quantitative Traits in Fenugreek (*Trigonella foenum-graecum* L.). *Int.J.Curr.Microbiol.App.Sci.* 6(6): 2389-2399.
- D.K. Chopdar, Baudh Bharti and **B.L. Meena**. 2017. Studies on genetic variability, character association and path analysis for yield and its contributing traits in chickpea [*Cicer arietinum* (L.)]. *Legume Research* 40(5) 2017:824-829.

## 12. Other achievement if any

### Technical Bulletin

1. Rajmash Cultivation in North East. (S. P. Das, **B. L. Meena**, K. Chattopadhaya, D. Datta, N. P. Singh, M. Datta & S. V. Ngachan)
2. Greengram Cultivation in North East (S. P. Das, **B. L. Meena**, K. Chattopadhaya, D. Datta, N. P. Singh, M. Datta & S. V. Ngachan)
3. Pigeonpea Cultivation in North East (S. P. Das, **B. L. Meena**, K. Chattopadhaya, D. Datta, N. P. Singh, M. Datta & S. V. Ngachan)
4. Blackgram Cultivation in North East (S. P. Das, **B. L. Meena**, K. Chattopadhaya, D. Datta, N. P. Singh, M. Datta & S. V. Ngachan)
5. Lentil Cultivation in North East. (S. P. Das, **B. L. Meena**, K. Chattopadhaya, D. Datta, N. P. Singh, M. Datta & S. V. Ngachan)
6. Pea Cultivation in North East (S. P. Das, **B. L. Meena**, K. Chattopadhaya, D. Datta, N. P. Singh, M. Datta & S. V. Ngachan)

7. Major Diseases of Pulses and their Management in North East.(S. P. Das, **B. L. Meena**, K. Chattopadhaya, D. Datta, R. Hemavati, N. P. Singh, M. Datta & S. V. Ngachan)
8. Major Insect Pests of Pulses and their Management in North East. (S. P. Das **B. L. Meena**, K. Chattopadhaya, D. Datta, S. N. Bhowmik, N. P. Singh, M. Datta & S. V. Ngachan)

#### Technical folders:

- Priyamedha, K H Singh, H K Sharma, **B L Meena**, Anubhuti sharma and P K Rai 2017. Rapeseed-Mustard: Plant Variety Protection at a glance.

#### Popular articles:

- हरि सिंह मीना, स्वर्णिम कुलश्रेष्ठ, अरुण कुमार, भीरूलाल मीना, मुरलीधर मीना एवं अनुभूति शर्मा (2017). डिजिटल इंडिया : कृषि क्षेत्र में नवीन सूचना प्रौद्योगिकी की बहार। सिद्धार्थ: सरसों संदेप, 8: 73–75।
- हरि सिंह मीना, स्वर्णिम कुलश्रेष्ठ, भीरूलाल मीना, मुकेश कुमार मीना एवं विजय वीर सिंह (2017). बायोगैस – ग्रामीण भारत में अविरल ऊर्जा का आसान स्रोत। सिद्धार्थ: सरसों संदेप, 8: 59–61।
- स्वर्णिम कुलश्रेष्ठ, हरि सिंह मीना, भीरूलाल मीना एवं विजय वीर सिंह (2017). जैविक खेती कर उपजाएँ पौष्टिक आहार। सिद्धार्थ: सरसों संदेप, 8: 54–56।
- स्वर्णिम कुलश्रेष्ठ, हरि सिंह मीना, मोनिका दुबे, भीरूलाल मीना एवं नीरज गुर्जर (2017). जीएसटी एक देशव्यापी कर सुधार –कृषि क्षेत्र में इसकी प्रसागिकता। सिद्धार्थ: सरसों संदेप, 8: 65–67।

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