

ANZER UL ISLAM (PhD)

Genetics and Plant Breeding

H. No. 107 Khusboo Enclave Bareilly

243006- India

Mobile: +91-8439782811, +91-9466097066

E-mail:- anzer.gene@gmail.com



- A plant breeder cum agronomist doctorate from CCS Haryana Agricultural University-Hisar and having overall 10 years of experience growing crops, nurseries, agronomic practices, experiment design, quality seed production, data collection and data analysis.
- Expertise in plant genetics, plant breeding and molecular breeding work
- Experience at executive-level business manager and running start-up. Strong technology and product development and digital marketing expertise. Build strategic business relationships and partnerships. Strong drive with excellent interpersonal, communication and team-building skills.

Personal Details

- Name: Anzer Ul Islam
- Father Name: Abdul Qayyum
- Date of Birth: 18th April 1983
- Sex and Status: Male & Married
- Nationality: Indian
- Religion: Islam
- Language Known: English, Hindi and Urdu
- Passport No.: U1172148 valid till 2029
- Permanent Address: House No. 107 Khusboo Enclave, Bareilly-243006 (Uttar Pradesh)
- Contact No. : +91-8439782811, 9466097066
- E-mail: anzer.gene@gmail.com

Education

Degree	Subject	University/Board	Year of Passing	Percentage %	Division
PhD	Genetics & Plant Breeding	CCS Haryana Agriculture University, Hisar	2016	75.00	I st
M.Sc.	Genetics & Plant Breeding	SHUATS, Allahabad	2010	83.60	I st
B.Sc.	Basic Science	MJPR University, Bareilly	2002	50.00	II nd

PhD Thesis Title- Variability and Association among Morpho-Physiological Traits Associated with Heat Tolerance in Bread Wheat (*Triticum aestivum* L.)

M.Sc. Thesis Title- Selection of Elite Mungbean (*Vigna radiata* L. *wilczek*) Genotypes

Skills

- Research analysis
- Crop cultivation

- Business development
- Microsoft office
- Software: OPSTAT Statistical Analysis Software

Awards & Recognition

Awarded Senior Research Fellowship by the University Grants Commission, New Delhi, under the Maulana Azad National Fellowship Scheme

Experience

Sr. No.	Designation	Organization	Date of joining	Releiving date	Experience (Duration)
1	Senior Research Fellow	Indian Institute of Pulses Research, Kanpur	November, 27 th 2010	December, 31 st 2011	1 Year 1 Month
<p>Project: DAC-ICARDA funded project title “Breaking yield barriers in lentil through introgression of desirable genes from landraces and wild species”</p> <p>Job Work Field data collection, develop mapping populations for targeted traits, produced nucleus and breeder seeds maintained genetic purity of the variety and molecular breeding.</p>					
2	Head R&D	Pure Line Agri Pro, Bareilly	January, 2 nd 2017	April, 21 st 2020	3 Years 3 Months
<p>My duties, responsibilities and research/breeding work</p> <ul style="list-style-type: none"> • Design and execute field trials, selection of recombinants, selfing and crossing • Oversee/perform sowing, transplant, plant maintenance, pollinations, agronomic practices, phenotypic data collection, harvest and seed inventory • Organize and execute molecular marker sampling, QTL mapping, genotypic analysis • Assist in the recording of phenotypic data from field trials/nurseries and transfer data to databases • Prepare technical reports, summaries, protocols, and perform quantitative statistical analysis • Nuclear, breeder and certified seed production and multiplication 					
3	Co-Founder	Natural Selection Organic Farm	October, 10 th 2020	Continue....	6 Months
Development & production of organic food product under poly house and their marketing					

Additional Experience

Business Development

Explore business network with technology development organization (NRCs, SAUs and CSIR) and obtained non exclusive license for technology commercialization

Name of Transferred Technology

- Wheat variety WH1105 from CCS Haryana Agricultural University, Hisar,
- Cowpea variety Kashi Kanchan from Indian Institute of Vegetable Research (IIVR), Varanasi
- Vermi-culture technology Jai Gopal from Indian Veterinary Research Institute (IVRI), Izzatnagar, Bareilly.

Accomplishment

Research Achievements

- Seed quality: Reported seed quality of fenugreek influenced by integrated nutrient management (Published in *Natural Resource Management: Ecological Perspective*)
- Correlation: Physiological traits such as cell membrane stability, canopy temperature, chlorophyll fluorescence and grain filling rate shown strong correlation with bread wheat grain yield under heat stress condition (Published in *Journal of Applied and Natural Science*)
- Germplasm: Identify early flowering lentil genotype at low temperature (Published in *Journal of Food Legume*)
- Genetic diversity: Study genetic diversity, heritability and correlations in corn, mung bean, lentil, okra and bread wheat
- Variety: Development of a wheat variety from local landrace through pure line method is in pipeline (Published in Pure Line Agri Pro Annual News Letter)

List of Publications

Research Paper

1. **Anzer Ul Islam**, Ashok K. Chhabra, Satyaveer S. Dhanda and Renu Munjal 2017. Cell membrane stability- an important criterion for selection of heat tolerant genotypes in wheat (*Triticum aestivum* L.). *Journal of applied and natural sciences*. 9(4): 1894-1900
2. **Anzer Ul Islam**, A. K. Chhabra, S. S. Dhanda and Ovais H. Peerzada 2017. Genetic diversity, heritability and correlation studies for yield and its components in bread wheat under heat stress conditions. *IOSR Journal of Agriculture and Veterinary Science*. 10(5): 71-77.
3. M. S., Rahaman, S., Marker, L., Lingaraja, O. H., Peerzada and **Anzer Ul Islam** 2015. Genetic variability analysis of twenty four different quantitative traits for selection of elite genotypes in okra (*Abelmoschus esculentus* L. Moench). *Progressive research – An international journal*. 10(VI): 3188-3191.

Paper Presented at conferences/seminars

4. **Anzer, U. I.**, Chhabra, A. K. and Munjal, Renu 2014. Essential Parameters for Heat Tolerance in Bread Wheat (*Triticum aestivum* L.). Paper presented in National Seminar “Reorientation of Agricultural Research to Ensure National Food Security” 7-8.
5. Vats, A. K., Bhusal, N., **Anzer, U. I.**, Saharan, R. P. and Panwar, I. S. 2014. Root Studies and their Correlation with Nutrient Use Efficiency in Wheat. Paper presented in National Seminar “Reorientation of Agricultural Research to Ensure National Food Security” 134-135.
6. **Anzer, U. I.**, Lavanya, G. R., Mehandi, S. and Gupta, R. 2011. Selection of Elite Mungbean Genotypes. “National Symposium on Biodiversity and Food Security: Challenge and Devising Strategies” 23-24.

Book Chapter

7. Kumar, J., Solanki, R. K., Choudhary, A. K., Srivastava, E. and **Anzer, U. I.** (eds.) 2012. Lentil (*Lens culinaris* Medik). *Breeding of field crops*, Agrobios, pp. 255-274.

Short Communication

8. Solanki, R. K., Kumar, J., **Anzer, U. I.** and Srivastava, E. 2011. Response of Early Flowering Lentil Genotypes to low Temperature under Field Conditions. *Journal of Food Legumes*. 24 (2): 142-144.

Languages

English, Hindi and Urdu

Training and Seminar

Travelling Seminar Title- Niche Area of Excellence on Resources Conservation Technologies in different cropping systems Description- "Traveling Seminar on Conservation Agriculture based Resource Conservation Technologies for PG Students/Young Faculty Members" held in Kaithal and Karnal districts of Haryana during 21st and 22nd March, 2012 under ICAR sponsored project Organized by- CCS Haryana Agricultural University, Hisar.

Extension Activities

- Performed duties in various Kisan Melas (Farmer Fairs)
- Conducted farmers' fields trials and product demonstration
- Work as an agriculture expert in various farmers capacity building programs for NABARD (National Bank Agriculture and Rural development)
- Organized various farmers meetings
- Presently an active member of Farmer Producer Organization named Bareilly Kisan Agro Producers Company Limited, Bareilly

Strength

- Core expertise in agronomic practices, plant breeding research and development
- Capability in teaching all major and minor genetics and plant breeding and agriculture
- biotechnology subjects
- Ability to interact effectively in multi-cultural and multidisciplinary environment

References

Dr. Ashok Kumar Chhabra (Major Advisor)

Principal Scientist, (Genetics and Plant Breeding)
CCS Haryana Agricultural University, Hisar, Harayana, India
Mobile No.: +91-9416216800; E-mail: chhabra61@gmail.com

Dr. Satyavir Singh Dhanda (Co-Major Advisor)

Principal Scientist (Genetics and Plant Breeding)
CCS Haryana Agricultural University, Hisar, Harayana, India
Mobile No.: +91-9416241456; E-mail: dhandass@gmail.com

Dr. Peerzada Ovais Hamid

Manager- Genebank Seed Laboratory
ICRISAT, Patancheru, Hyderabad 502324, India
Mobile No.: +91-9949936477; ovaishamid786@gmail.com

Declaration

I certify that the aforementioned information is correct and complete to the best of my knowledge and belief



Place: Bareilly
(Anzer UI Islam)