

CURRICULUM VITAE

PERSONAL PROFILE

- **Name** : **Dr. Mukesh Kumar Meena**
- **Father's Name** : Shri Prabhu Lal Meena
- **Date of Birth** : 15th December, 1984
- **Gender** : Male
- **Marietal status** : Single
- **Nationality** : Indian
- **Religion** : Hindu
- **Linguistics** : Reginal Rajastahni, Hindi and English
- **Position Held** : **Assistant Professor , Department of Crop Physiology, UAS, Raichur**



Permanent Address	Contact Address
Village –Bhavarapura, A/P- Aket, Tal: Sapotra, Dist: Karoli – 322203 State: Rajasthan,[India] [Mb.]: +919731098092 E-mail:Mukesh_4565@yahoo.co.in	Assistant Professor , Department of Crop Physiology, UAS, Raichur-584102 State: Karnataka.[India] [Mb.]: +919731098092 E-mail : meenam4565@gmail.com

EDUCATIONAL QUALIFICATION

Name of the Exam./Degree	Year of Passing	University/Board	Class/ Percentage of Marks	Subject of Specialization
Ph.D.	2014	University of Agricultural Sciences, Dharwad (Karnataka)	I/D, 90.0%	Crop /Seed Physiology(Post Harvest Physiology)
M.Sc.(Agri.)	2009	University of Agricultural Sciences, Dharwad (Karnataka)	I/D, 86.40%	Crop Physiology
B.Sc.(Agri.)	2006	PDKV, Akola (Maharashtra)	I/D, 77.79%	All subjects of Agriculture
H.S.C	2001	BHSE, Ajmer (Rajastahn)	I/D, 63.38%	Science
S.S.C	1999	BHSE, Ajmer (Rajasthan)	I/D,83.67%	All subjects with

				Hindi & Sanskrit
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CAREER OBJECTIVE

- To obtain permanent position with a progressive organization in the field of Agriculture.
- Seeking a career, this would challenge and stimulate my creativity and abilities by providing ample responsibilities and opportunities to grow along with the organization.
- Acquire skills and knowledge in the concerned field of work in the shortest possible time, where I can put my ideas into creative action by exercising my talent and techno-commercial knowledge to the fullest, open vistas.

ACHIEVEMENTS/FELLOWSHIPS

- **03105th** Overall Rank in the stream *A (Biology/Agriculture)* of ICAR 7th All India Entrance Examination for admission to UG & Award of NTS in Agriculture & Allied Sciences for Academic session /year: **2002-2003/(2002-2006)**
- **85th** Rank in All India *ICAR-JRF* combined *AIEEA-2007* conducted by *Indian Council of Agriculture Research* (ICAR), New Delhi for M.Sc. (Agri.) in Crop Physiology.
- ICAR-Junior Research fellowship (**JRF**) Awardee during the period 2007-09 for Post-Graduate study in Crop Physiology. At University of Agricultural Sciences , Dharwad-580005, Karnataka (India)
- *UGC-Rajiv Gandhi National Fellowship (RGNF)* Awardee for pursuing Ph.D Degree in Crop Physiology during 2010-11 to till date. At University of Agricultural Sciences , Dharwad-580005, Karnataka (India)
- **UAS**, Merit Scholarship for Ph.D in Crop Physiology during 2009-10.
- Qualified for *ARS NET, 2010* in Plant Physiology conducted by (ICAR) Agricultural Scientist Recruitment Board, New Delhi-110012.(Roll No 090301100266)
- **0277th/1065** Rank in *JOINT CSIR-UGC NET* Test for Junior Research Fellowship and Eligibility for Lectureship(NET) held on **20/06/2010** in the subject *Life Sciences(Plant Physiology)*.
- *Life Member & Fellow* of “**HIND AGRI-HORTICULTURAL SOCIETY**” in association with **HIND Agricultural Research and Training Institute, U.P., INDIA from December, 2012 onwards**
- Editorial board member of *International Journal of Plant Sciences* of **HIND AGRI-HORTICULTURAL SOCIETY**.
- Editorial board reviewer member of *Legume research* of **Agricultural Research communication Centre**.
- Editorial board reviewer member of **Journal of Agriculture Sciences of Agricultural Research communication Centre**.
- Editorial board reviewer member of **Agriculture Reviews of Agricultural Research communication Centre**.
- Editorial board member of Journal of Agricultural Sciences of **Innovare Sciences Academics**
- Editorial board member of Journal of Innovation of Bio Sciences

WORK EXPERIENCE

- Worked under **Rural Agricultural Work Experience (RAWI)** programme of Six Months at Ramtek Districts Nagpur, (Maharashtra) for fulfilment of *B.Sc. (Agriculture)* Degree Programme and participating in various **NSS** activities at Village level.

P. G. SUBJECT SPECIALIZATION

M. Sc. (Agri.) in Crop Physiology,

Research Title : Influence of Hydrophilic Polymer on Growth , Development and Physiology in Tomato.

Seminar I - Photo-Activated Toxin Cercosporine in Plant.

Seminar II - Hydrogel as a Water saver in Crop Plant.

Ph.D in Crop Physiology

Research Title: Influence of Vacuum Packaging on Seed Physiology and Quality Parameters in Different Field Crops.

Seminar I - Molecular Aspects of Oxidative Stress in Plant.

Seminar II – An Introduction to Gene Expression in Prokaryotes & Eukaryote.

Seminar III – Drought Stress Mitigating Strategies (Molecular Aspects) in Crop Plant

Details of Research Papers Published: (Enclosed)

- 1) Impact of Liquasorb (Hydrophilic Polymer) on Biochemical Quality Parameters in Tomato (*Lycopersicon esculentum L.Mill.*) by **M.K.Meena**, C.M. Nawallagatii and M.B. Chetti, **Green Farming Int. J.Vol.2 (2):127-130 (March-April, 2011) (ISSN :0974-0775)**
- 2) Effect of PEG induced Moisture Stress on Germination and Biochemical Change in soybean Genotypes by Savita F.Hullur, R.V. Koti and **M.K. Meena**. **Green Farming Int.J. Vol .2(2):142-144 (March-April, 2011) (ISSN: 0974-0775)**
- 3) Influence of Hydrophilic Polymer on Different Crop Growth Parameters and Yield in Tomato (*Lycopersicon esculentum L.Mill.*) by **Meena M.K**, Nawallgatti and Chetti M.B. **Asian Journal of Bioscience, Vol .06 (1): 121-127 (March-April, 2011), (ISSN:0976-8343)**
- 4) Efficacy of Liquasorb on Morphological Character and Yield Components in Tomato (*Lycopersicon esculentum L.Mill.*) by **Meena M.K**, Nawallgatti and Chetti M.B. **International Journal of Plant Sciences, Vol. 06(02):307-312 (July-August,2011), (ISSN:0976-593X)**
- 5) Impact of hydrophilic polymer on irrigation requirement and biophysical parameters in tomato by M.K. Meena, C.M. Nawalagatti and M.B. Chetti, **International Journal of Agricultural Sciences, Vol 07(02):424-428,(May-June,2011)(ISSN:0976-5670)**
- 6) Efficacy of Superabsorbent Polymer on Various Morphological Parameters and Yield Components in Cabbage (*Brassica oleracea var. Capitata Linn.*) by A A Patil, **M K Meena**, M B Chetti and B N Aravind Kumar, **Research Journal of Agricultural Sciences** 2011, 2(4): 998-1001(ISSN:0976-1675)
- 7) Influence of Super Absorbent Polymer on Various Crop Growth Parameters in Cabbage by A A Patil, **M K Meena**, M B Chetti and B N Aravind Kumar, **Research Journal of Agricultural Sciences** 2011, 2(4): 842-846(ISSN:0976-1675)
- 8) Effect of Plant Growth Regulators on Growth, Morphology and Yield in Soybean (*Glycine max L. Merrill*) Genotypes by R V Shinde, C M Nawalagatti and **M K Meena**, **Research Journal of Agricultural Sciences** 2011, 2(3): (ISSN:0976-1675)
- 9) Effect of Inositol on Biochemical Parameters and Yield Potential in Groundnut (*Arachis hypogaea L.*) Genotypes by P C Gupta, R V Koti and **M K Meena**, **Research Journal of Agricultural Sciences** 2011, 2(3): (ISSN: 0976-1675)

- 10) Effect of Seed Hardening on Morpho-Physiological Parameters, Yield and Yield Components of Rainfed Wheat (*Triticum aestivum* L.) by Chikkappiah, C M Nawallagati and **M K Meena**, *Research Journal of Agricultural Sciences* 2011, **2**(3): (ISSN:0976-1675)
- 11) Effect of Plant Growth Regulators on Growth, Biochemical Parameters and Fruit Yield in Cucumber (*Cucumis sativus* L.) by M Merentoshi, M B Chetti and **M K Meena**, *Research Journal of Agricultural Sciences* 2011, **2**(3): (ISSN:0976-1675)
- 12) Effect of Fertility Levels and Planting Geometry on Growth and Yield of Medium Duration Pigeonpea Hybrid ICPH-2671 by B K Meena, U K Hulihalli, B N Arvind Kumar and **M K Meena**, *Research Journal of Agricultural Sciences* 2011, **2**(3): (ISSN:0976-1675)
- 13) Effect of Seed Hardening Techniques on Crop Growth, Growth Parameters and Yield in Rainfed Wheat (*Triticum aestivum* L.) by Chikkappiah, C M Nawallagati and **M K Meena**, *Research Journal of Agricultural Sciences* 2011, **2**(4): (ISSN:0976-1675)
- 14) **Influence of Super Absorbent Polymer on Various Crop Growth Parameters** by A A Patil, **M K Meena**, M B Chetti and B N Aravind Kumar, *Research Journal of Agricultural Sciences* 2011, **2**(4): (ISSN:0976-1675)
- 15) Effect of Plant Growth Regulators on Morpho-Physiological, Quality Parameters and Yield Components in Soybean (*Glycine max* L.) by R V Shinde, C M Nawalagatti and **M K Meena**, *Research Journal of Agricultural Sciences* 2011, **2**(4): (ISSN:0976-1675)
- 16) Effect of Super Absorbent Polymer on Various Biophysical, Biochemical Parameters and Yield in Cabbage (*Brassica oleracea* var. *Capitata* Linn.) by A A Patil, **M K Meena**, M B Chetti and B N Aravind Kumar, *Research Journal of Agricultural Sciences* 2011, **2**(4): (ISSN:0976-1675)
- 17) Influence of Plant Growth Regulators on Different Crop Growth Parameters and Yield in Soybean (*Glycine max* L.) by R V Shinde, C M Nawalagatti and **M K Meena**, *Research Journal of Agricultural Sciences* 2011, **2**(4): (ISSN:0976-1675)
- 18) Influence of Seed Hardening Techniques on Biophysical, Biochemical Parameters and Yield in Rainfed Wheat (*Triticum aestivum* L.) by Chikkappiah, C M Nawallagati and **M K Meena**, *Research Journal of Agricultural Sciences* 2011, **2**(4): (ISSN:0976-1675)
- 19) Efficacy of Superabsorbent Polymer on Various Morphological Parameters and Yield Components in Cabbage (*Brassica oleracea* var. *Capitata* Linn.) by A A Patil, **M K Meena**, M B Chetti and B N Aravind Kumar, *Research Journal of Agricultural Sciences* 2011, **2**(4): (ISSN:0976-1675)
- 20) Performance of Hybrid Pigeonpea in under Different Plant Geometry and Fertility Levels by B K Meena, *U K Hulihalli, Arvind Kumar B N and **M K Meena**, *Research Journal of Agricultural Sciences* 2011, **2**(4): (ISSN:0976-1675)

Details of Popular Article Published :(Enclosed)

- 1) Boron in Relation to Nutrition Physiology & Quality in Crops by **Meena M.K.** and Deepa G.T., *AGROBIOS NEWSLETTER*, Vol. IX.(12):29-30,May,2011. (ISSN: 972-7027)
- 2) Energy crops as Renewable Energy source, by **Meena M.K.** and Deepa G.T., *AGROBIOS NEWSLETTER*, Vol. X.(01): 53,JUNE,2011. (ISSN:972-7027)
- 3) Religious and spiritual importance of tree and flowers, by **Meena M.K.** and Deepa G.T., *AGROBIOS NEWSLETTER*, Vol. X.(01): 29-30,JUNE,2011. (ISSN:972-7027)

- 4) Role of Iron in Relation to Plant Nutrition, by **Meena M.K.**, Varsha kumari and Vinod tasiwal *AGROBIOS NEWSLETTER*, Vol. X. (3): 13-14, 2011. **(ISSN:972-7027)**
- 5) Package of practices for increasing productivity in kharif maize (*Zea mays* L.) by **Meena M.K** and Patil R.P. *READERS SHELF*, Vol.7 (12):15-16, September,2011. **(RNI No: RAJENG/04/14700.)**
- 6) Cultural practices are eco-friendly approaches for weed management in field crops by **Meena M.K.**, Patil R.P. and M.C Naik, *READERS SHELF*, Vol.8 (5):21-22, February, 2012.**(RNI No: RAJENG/04/14700.)**
- 7) Groundnut diseases and management by Vinod tasiwal, Varsha kumari and **Meena M.K.** *AGROBIOS NEWSLETTER*, Vol. X.(9):31-32,February,2012.**(ISSN:972-7027)**
- 8) Importance of boron in plant nutrition, by Poornima , Nandani, Ravinaik and **Meena M.K.** *AGROBIOS NEWSLETTER*, Vol. X.(9):36-37,February,2012.**(ISSN:972-7027)**
- 9) Role of boron for flowering, fruiting and seed development in Agricultural plants, by Ravinaik, Nandani, Poornima and **Meena M.K.** *AGROBIOS NEWSLETTER*, Vol. X.(9):24,February,2012.**(ISSN:972-7027)**
- 10) Golden rice: the potential of biofortification through genetic modification (from idea to reality), by Varsha kumari, Vinod tasiwal, and **Meena M.K.** *AGROBIOS NEWSLETTER*, Vol. X.(9):65 ,February,2012.**(ISSN:972-7027)**
- 11) Role of Major Nutrient in Plant Diseases and Pest Management by Amaregouda .A. Patil R.P. **Meena M.K.**, and M.C Naik, *READERS SHELF*, Vol 8(6):16-19, March, 2012 **(RNI No: RAJENG/04/14700.)**
- 12) Role of micro- Nutrient in Plant Diseases and Pest Management by Amaregouda .A. Patil R.P., **Meena M.K.**, and M.C Naik, *READERS SHELF*,**(RNI No: RAJENG/04/14700.)**
- 13) Seed production steps of Baby Corn by **Meena M.K.** , M.C. Naik and Umesh M.R., *READERS SHELF*,**(RNI No: RAJENG/04/14700.)**
- 14) Role of Quality Protein Maize in Balance Nutrition by M.C. Naik , **Meena M.K.** , Krishanmurthy D and Shilpa H, *READERS SHELF*,**(RNI No: RAJENG/04/14700.)**

Details of Research Review Papers Published :(Enclosed)

- 1) Role of Plant Growth Regulators in Agriculture: A Review on Morpho-physiological, Quality and Yield Parameters in Crops by **Meena M. K.** Chetti M.B. D. Saida Naik. and Nawallagatii C.M. *Research Journal of Agricultural Sciences* 2012 :3(2):316-321. **(ISSN: 0976-1675)**
- 2) Gibberellins as a regulator of plant height: A Review on Growth, Physiological, Quality and Yield Parameters in Field Crops by **Meena M. K.**, Chetti M.B. Nawallagatii C.M. and A.V Mane. *Research Journal of Agricultural Sciences* 2012:3(2):585-588. **(ISSN: 0976-1675)**
- 3) Reviews on Responses of Crops towards Water Stress Mitigation through Plant Growth Regulators (PGR) and Vascular Arbuscular Mycorrhizae (VAM) by **M.K. Meena** and M.C. Naik, *International Journal of Plant Sciences*, **(ISSN:0976-593X)**

4) Impact of Vacuum Packaging on Various Seed Quality and Biochemical Parameters of Different Spice Crops by **Meena M. K** , Chetti M.B and Naik M.C, *International Journal of Plant Sciences*, (ISSN:0976-593X)

5) Uses of Hydrophilic Polymer in Agriculture: A Review on Morpho-physiological, Biochemical Parameters and Yield Attributes in Crops by **Meena M. K.**, Chetti M.B. A.V. Mane. and Nawallagatii C.M. *Research Journal of Agricultural Sciences* 2012 (ISSN:0976-1675)

Participation in Seminar, Conference, Symposium and Workshop (National/International level).

i) International conference on “Eliminating hunger and poverty” organized by the M.S. Swaminathan research foundation during 7-9 august 2010 Chennai.

ii) National workshop on current trends and future prospects in production and export of spice crops with special reference to chilies organized by University of Agricultural Sciences, Dharwad during 27-28 Feb, 2009

iii) Golden Jubilee Conference on Challenges and Emerging Strategies for Improving Plant Productivity Organized by IARI, New Delhi during Nov12-14, 2008

iv) National seminar on Plant Physiology Organized by Dr Balasaheb Sawant Krishi Vidyapeeth, Dapoli during 29 Nov-1 Dec.2007.

Details of Abstract and Extended Summary Published: (Enclosed)

i) Impact of liquasorb (hydrophilic polymer) on yield and quality in tomato. *National Conference on Frontier in Plant Physiology towards Sustainable Agriculture, 5-7 Nov., 2009, Jorhat, Assam .pp 174*

ii) Influence of hydrophilic polymer on Morpho-Physiological traits and yield in Tomato. *National Conference on Frontier in Plant Physiology towards Sustainable Agriculture, 5-7 Nov, 2009, Jorhat, Assam. pp157.*

iii) Effect of hydrophilic polymer on growth, development and biochemical parameters in tomato. *National conference of plant physiology on physiological and molecular approaches for crop Improvement under Changing Environment, Nov25-27, 2010, BHU, Varnasi.pp207.*

iv) Effect of myo-inositol on seed phosphorous and oil content in groundnut genotype. *National conference of plant physiology on physiological and molecular approaches for crop Improvement under Changing Environment, Nov 25-27, 2010, BHU, Varnasi.pp197.*

v) Effect of vacuum packaging on seed physiological parameters in chilli (*Capsicum annum*L). *National conference of plant physiology on physiological and molecular approaches for crop Improvement under Changing Environment, Nov 25-27, 2010, BHU, Varnasi. pp296.*

vi) Effect of plant growth regulators on biochemical, yield and yield component in soybean. *National conference of plant physiology on physiological and molecular approaches for crop Improvement under Changing Environment, Nov 25-27, 2010, BHU, and Varnasi.pp216.*

vii) Influence of plant growth regulators on growth, morphology and yield in soybean. *National conference of plant physiology on physiological and molecular approaches for crop Improvement under Changing Environment, Nov 25-27, 2010, BHU, Varnasi. pp223.*

viii) Influence oh plant growth regulators on growth, seed yield and quality in annual chrysanthemum. *National conference of plant physiology on physiological and molecular approaches for crop Improvement under Changing Environment, Nov 25-27, 2010, BHU, Varnasi .pp224.*

ix) Effect of inositol on germination of groundnut genotype under control and PEG stress. *National conference of plant physiology on physiological and molecular approaches for crop Improvement under Changing Environment, Nov 25-27, 2010, BHU, Varnasi .pp106.*

EXTRACURRICULAR ACTIVITIES. Actively participated in *National Service Scheme (NSS)* camp held at Jahagirpur Tah. Tiwsa Dist. Amaravati (MS) during January 22nd to 31st January, 2006 and completed **240** hrs of social work.

- First Position in *Quiz Contest* in Annual function of Shri Shivaji Agriculture College, Amaravati [MS] during 2004-05.
- **Proficiency Certificate** of senior category quiz contest of Shivaji foundation society convened by the *Indian Institute for International Studies and Cultural Exchange* during 1997.
- First Position in Rajasthan state level *Quiz Competition*, 1997.
- Certificate of *Akhil Bhartiya Sanskritigyan contest* during 1997, 1998, and 1999.
- Member of “*Food Committee of Krishi Mela*” in University of Agricultural Sciences Dharwad, during 2007, 2008, 2009and 2010.

References:

Dr. M. B. CHETTI Assistant Director General (HRD) , ICAR,Pusa Campus, New Delhi-110012 India. [Mb.]: +91-8800892004 e-mail: mbchetti_uas@rediffmail.com	Dr. R. V. KOTI Professor and Head Department of Crop Physiology, College of Agriculture, UAS, Dharwad - 580 005, Karnataka, India. [Mb.]: +918105151165 e-mail:rvkotil@rediffmail.com
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DECLARATION

I hereby declare that all the above information provided is absolutely true to the best of my knowledge and belief.

Thanking you,

Place : Raichur

Your's faithfully,

Date : 09 -01-2017

Sd/-

(Mukesh Kumar Meena)