

CURRICULUM VITAE

Mr. HARPAL SINGH
(Gold Medalist)
Teaching Assistant
(Department of Horticulture)
Institute of Agriculture Science
Bundelkhand University Campus, Jhansi, (U.P.)
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RESEARCH INTEREST: To rise the standard of Indian Agriculture through Horticulture research.

Qualified ICAR- NET (2017).....Vegetable Science.....Roll No. 2111401918

Ph.D. Horticulture Thesis Title:

Effect of Integrated Nutrient Management, Cycocel and Crop Geometry on Morphological Features, Yield and Quality of Cabbage (*Brassica oleracea* L. var. capitata) in Bundelkhand(**Pursuing -2017**)

M.Phil. Horticulture Thesis Title:

“Effect of Spacing and Pinching on growth and flowering in African marigold (*Tagetes erecta* L.) under western region of U.P.”

M.Sc. Horticulture Thesis Title:

“To study the vegetative propagation of custard apple (*Annona squamosa* L)”.

EDUCATIONAL QUALIFICATION

- Dec 2011** Master of Philosophy (M.Phil.) in Horticulture passed with 1st Division. Rgt. (CCSU/Adm/research/2011/0879627) at Chaudhary Charan Singh University, Meerut(U.P.).
- Oct 2009** Chaudhary Charan Singh University, Meerut (U.P.). Bachelor of Education (B.Ed.) passed with 1st Division.
- Jun 2008** Bundelkhand University, Jhansi (U.P.). Master of Science in Horticulture passed with 1stDivision.
- Aug 2006** Chaudhary Charan Singh University, Meerut (U.P.). Bachelor of Science in Agriculture Passed with 2nd Division.
- Jun 2001** Intermediate, J.V. Inter College Baraut, (U.P.)
U.P. Board, Allahabad, Agriculture flow.
- May 1999** High School, M. Inter College Asara, (U.P.)
U.P. Board, Allahabad, Agriculture flow.

Other Skill :- One year Diploma in Computer Application & “**CCC**”

EXPERIENCE

Name of employer	Post Held	Period		Total Experience
		From	To	
Hon,ble Vice Chancellor Bundelkhand University, Jhansi, (U.P.)	Lecturer in Horticulture	April,15, 2013	Continue	6-Year 01- Months

SUPERVISOR FOR M.Sc THESIS

I served as a Supervisor for guiding- 13 M.Sc. (Ag.) Horticulture Students.

I served as a Co-Supervisor for guiding- 11M.Sc. (Ag.) students including Horticulture for Thesis work.

As a supervisor-

1. "Effect of Nitrogen with and without supply of boron on growth and yield of onion (*Allium cepa* L.)"---Gaurav Kumar Ahirwar----2015-16
2. "Effect of Nitrogen and Potash on growth yield and quality of Garlic(*Allium sativum* L.)"---Krishnendra Kumar-----2015-16
3. "Effect of Organic manures and Inorganic Fertilizers on plant growth, yield, fruit quality and shelf life of Tomato (*Solanum lycopersicon* L.)c.v. PKM-1"----- Ansul Tiwari—2015-16
4. " Effect of nitrogen and boron on plant growth and yield components of tomato (*Lycopersicon esculentum mill.*)"-----Barkha Meshram----2015-16
5. "Effect of plant growth regulators on growth and yield of brinjal (*Solanum melongena* L)"-----Heena Quereshi-2015-16
6. "Effect of Azotobacter inoculation and Nitrogen on growth and yield of cabbage crop"-----Pawan Patel-----2015-16
7. "Effect of seed treatment with GA₃ and levels of phosphorus on growth, flowering and yield of okra (*Abelmoschus esculantus* L. Moench) cv. Arka Anamika"----- Raghvendra Singh Tomar---2015-16
8. "Effect of planting distance and pinching on growth and flowering in African marigold (*Tagetes erecta* L.)" cv. Pusa Narangi Gainda.—Ramashish---2014-15
9. "Role of biofertilizer in Eggplant (*Solanum melongena* L.) cv. Aruna"
10. "Effect of plant growth regulators on growth and yield of brinjal (*solanum melongena* L.) under Bundelkhand Region"---Akhilesh Chaudhary 2014-15
11. "Effect of different corm size on Gladiolus production under Bundelkhand Region"----Mahendra Panwar 2014-15
12. "Effect of FYM and phosphorus application on growth and yield of okra (*Abelmoschus esculentus* L)"---Sri Krishna 2014-15
13. Effect of different levels of sulphur and zinc on growth and yield of cauliflower (*Brassica oleracea var. botrytis* L.)----Suneel K. Verma--2018

As a Co-Supervisor-

1. "Effect of spacing and size on Gladiolus Production"-----Mukesh Kumar Niranjan—2013
2. "Studies on floral biology of Anola(*Embillica officinalis* Gaertn.)"---Sanjay Singh Srivas—2013
3. " Studies on variability in tomato (*Lycopersicon esculentum* Mill.)"—Manish Kumar Jha ---2013
4. " Effect of different source of PGRs on growth and Yield of tomato (*Lycopersicon esculentum* Mill.) cv. Laxmi "Arunanchal Singh—2014
5. "Effect of Biofertilizer on growth and yield of tomato (*Lycopersicon esculentum* Mill.)"—Lavlesh Singh—2014
6. "Effect of NPK on growth and yield of Okra [*Abelmoschus esculentus* (L). Moench]"—Atul Kumar Rao
7. "Comparative study of different plant growth regulators on brinjal (*Solanum melongena* L.) cv. Utkal "----Deepti Gupta
8. Efficacy of chelated micronutrient as foliar application on morphology, phenology and yield attributes of sponge-gourd (*Luffa cylindrical* Roem.) cv.sulekha under bundelkhand region-Poornima Singh----2018
9. Effect of different source of nutrient on growth, yield and quality of garlic (*Allium sativum* L.) under organic farming-----Sonu kumar maurya—2018
10. Evaluation of different combinations of organic manures on growth of yield of onion (*Allium cepa* L.) under bundelkhand region ---- Ankit kumar patel--2018
11. Effect of integrated organic sources of nutrients on growth, yield and economic of tomato (*Lycopersicon esculentum mill.*) ----Anjali yadav-2018

AWARD

I have been awarded with **Gold Medal Award 2013** for excellent performance in thesis work and overall in M. Phil in Horticulture in Department of Horticulture CCS University, Meerut, which given during the occasion of 24th convocation, organized by Chaudhary Charan Singh University, Meerut, (U.P.)

I have been awarded with **Rajiv Gandhi National Fellowship - 2013** for excellent performance in research work in M. Phil Horticulture, Department of Horticulture CCS University, Meerut, (U.P.)

ALUMNI MEET-2016 **Organized by** (BUCAA) Bundelkhand University, Jhansi Campus Alumni Association Bundelkhand University, Jhansi (U.P.) AUGUST 14, 2016.

TRAINING

I have attended six month training programme in **Basics of Horticulture** through Digamber Jain Polytechnic College, Baraut, Baghpat (U.P.)

I have attended 10 days **Faculty Development Programme** ,September 2014 at Bundelkhand University,Jhansi,(U.P.)

Dr MS Swaminathan Lecturer Series organised by Institute of Agriculture Science Bundelkhand University, Jhansi on 30th August, 2016.

CONFERENCE AND SEMINARS

- Attained the National Seminar on “Sustainable Horticultural Research in India: Perspective, Priorities and Preparedness” April **2008** at Baba Saheb Bheem Rao Ambedkar University, Lucknow, (U.P.)
- Attained the National Symposium on Innovative and Modern Technologies for Sustainable Agricultural and Rural Development- **2013** at Allahabad (U.P.)
- Attained the National Seminar on “Land Resources: Challenges & Remedies” November **2014** at Bundelkhand University, Jhansi,(U.P.)
- Attained the National Conference on Ethnopharmacology and Biotechnology in Drug Development: Prospects and Challenges, November **2014** at Bundelkhand University, Jhansi,(U.P.)
- Attained the Training Workshop on “Authenticate organized by Group Infotech India Pvt. Ltd” December **2014** at Bundelkhand University, Jhansi,(U.P.)
- Attained the Two day NAAC Awareness workshop under the National Quality Renaissance Initiative by Bundelkhand University, Jhansi,(U.P.) under the auspices of National Assessment and Accreditation Council on 22nd and 23rd April,**2015**.
- Attained National Conference on Natural Resources management for sustainable agricultural **Conducted by-** Department of Horticultural Janta Vedic college, Baraut, Baghpat-250611, (U.P.) October 25, **2016**.
- Attained National Conference on Emerging Challenges and opportunities in agriculture, social, plant, environment, Co-operatives & technology [ECOASECT].ICAR-Institute of Rice research (IIRR), Rajendranagar, Hyderabad-30, (Telangana). September 10-11, **2016**.
- Attained the International Conference on “Advances in Agricultural and Biodiversity conservation for Sustainable development (ABCD-2017)” **27-28** October **2017** at Bundelkhand University, Jhansi,(U.P.)
- Attained the one day Workshop on Role of Biochemistry in Health, Medicine and Agriculture” **6** November **2017** at Bundelkhand University, Jhansi,(U.P.)
- International Conference on Advances in Agricultural and Biodiversity “Conservation for Sustainable Development” (ABCD-2017) during 27-28 October, 2017 at brahaspati bhawan,C.C.S.University,Meerut, Utter Pradesh, INDIA
- International Conference on “Advances in Agricultural,Biological and Applied Sciences for Sustainable Future(ABAS-2018)” during 20-22 October, 2018 at Sardar Patel Auditorium, Swami Vivekanand Subharti University, Meerut, Utter Pradesh, INDIA

RESEARCH PAPERS

1. **Jitendra Kumar, Harpal Singh and Krishna Pal (2014)** “To study the vegetative propagation of custard apple (*Annona squamosa L*)”. *Indian Journal of Horticulture*.VOL No 71(2). NAAS Rating – 6.11
2. **Ashok Kumar, Arvind Kumar Bharti and Harpal Singh (2016)** “ Effect of different sources of nutrient on growth, yield attributes and seed yield of field Pea (*Pisum sativum*) in Bundelkhand region. The society of Agricultural professionals.
3. **Harpal Singh, Shishir Kumar Singh and Malkhan Singh (2019)** Technological gaps and constraints of mustard cultivation in Gohad Block of District Bind M.P. *International Journal of Chemical Studies* (NAAS Rating – 5.31)
4. **Harpal Singh, Rudha Pratap Singh, R.R.Yadav, Pradeep Kumar Bareliya, Arvindra Kumar Bharti and Pawan Kumar** “Effect of FYM and Phosphorus on growth and yield of Okra (*Abelmoschus esculentum L.*)” *Plant Archives* Vol.18 No.1 April 2018) pp.1009-1010NAAS Rating – 4.41
5. **Harpal Singh, R.R.Yadav, Rudha Pratap Singh, Pradeep Kumar Bareliya, Arvindra Kumar Bharti and Pawan Kumar** “ Influence of integrated nutrient management on growth, yield and quality of okra (*Abelmoschus esculentum (L.)* Moench)” *Plant Archives* Vol.18 No.1 April 2018 pp.1144-1146NAAS Rating – 4.41
6. **Harpal Singh,Pradeep Kumar Bareliya, Joginder Singh andGaurav Kumar Ahirwar**“Effect of spacing and pinching on growth and flowering in African Marigold(*Tagetes erecta L.*) cv. Pusa Narangi Gaiinda”*Journal of Pharmacognosy and Phytochemistry* 2018;(2)7pp1764-1766.NAAS Rating – 5.21
7. **Harpal Singh, Pradeep Kumar Bareliya, Joginder Singh and Pawan Kumar** Effect of integrated management on growth and yield of cabbage (*Brassica oleracea* var. capitata) and soil fertility. *Journal of Pharmacognosy and Phytochemistry*2018;7(2): pp. 1767-1769NAAS Rating – 5.21

ABSTRACT

1. **Harpal Singh, Jitendra Kumar and Sunil Kumar (2013)** “Effect of Spacing and Pinching on growth and flowering in African marigold (*Tagetes erecta L.*) under western region of U.P.” *Hortflora*(Communicated)
2. **Gaurav Kumar Ahirwar and Harpal Singh (2016)** “Datepalm: An Overlooked Diamond, Empowering Bundelkhand Region,Jhansi (U.P.)” page-10, 25 oct. 2016. National Conference on Natural Resources Management for Sustainable Agriculture
3. **Gaurav Kumar Ahirwar and Harpal Singh (2016)** “Market: A Problem of Subtropical Fruits in Bundelkhand Region,Jhansi (U.P.)” page-11, 25 oct. 2016.National Conference on Natural Resources Management for Sustainable Agriculture

4. **HARPAL SINGH(2016)**“Effect of organic manures and inorganic fertilizers on plant growth, yield,fruit quality and shelf life of Tomato(*Solanum Lycopersicon* L.)” cv. KS-2. National Conference on Natural Resources Management for Sustainable Agriculture *page-14*, 25 oct. 2016.
5. **Gyanandra Kumar Singh, Vinai Kumar and Harpal Singh (2016)**The studies on nutrients managements of soil health,uptake nutrients and production of cauliflower (*Brassica Oleracea var. botrytis*)in Bundelkhand Region *page- 74*, 25 oct. 2016. National Conference on Natural Resources Management for Sustainable Agriculture
6. **Gyanandra Kumar Singh, Harpal Singh and Vinai Kumar (2016)** “Effect of Nitrogen and Potash on growth,yield and quality of Garlic (*Allium sativum* L.) under Bundelkhand Region” *page- 74*, 25 oct. 2016.National Conference on Natural Resources Management for Sustainable Agriculture
7. **Harpal Singh, Joginder Singh S.Hashmi and Pradeep Kumar Bareliya (2017)**Effect of Organic manure and Inorganic Fertilizers on growth, Yield and Quality of Brinjal (*Solanum Melongena* L.) Cv. Arka Navneet *Hortflora*(Communicated)
8. Pradeep Kumar Bareliya, **Harpal Singh** and Deshraj Prajapati“Reaction of chickpea (*Cicer arietinum*) varieties to pulse beetle (*Callosobruchus maculatus*) (Fab.) ” Organized by- BiologixResearch and Innovation centre Pvt. Ltd. (India) April 1-2, 2017 in Orchha Tikamgarh- 472246 Madhya Pradesh(INDIA).
9. “ Pradeep Kumar Bareliya, **Harpal singh** And Ajay KumarBiological attributes of *Tetrastichus howardi* (Olliff) (Hymenoptera: Eulophidar) on pupae of sugarcane borers ”Organized by Department of Horticulturebrahaspati - bhawan,C.C.S.University,Meerut, Utter Pradesh, INDIA

POSTER PRESENTATION

Bareliya, Pradeep Kumar, **Harpal Singh** and Deshraj Prajapati. 2017. “Reaction of chickpea(*Cicer arietinum*) varieties to pulse beetle (*Callosobruchus maculatus*) (Fab.)” Paper presented (Poster) in International Conference on Emerging trend in Allied and Applied Biotechnology Organized by- Biologix Research and Innovation centre Pvt.Ltd.(India) April 1-2, 2017 (PP-22)

BOOK

Joginder singh, Rashmi Nigam, Wajid Hasan, Anant Kumar And **Harpal singh** “**Advances in Horticulture Crops**”(2018) Published by Weser Books (ISBN NO. 978-3-96492-079-9).

CO – EDITING BOOK

Harpal Singh ‘SUSTAINABLE DEVELOPMENT FOR AGRICULTURE AND ENVIRONMENT’ An International Publisher **Anu Books Delhi Meerut Glasgow (U.K.) 2018. (ISBN NO. 978-81-936088-2-1)**

BOOK CHAPTER

Pradeep Kumar Bareliya, S.Hashmi and **Harpal Singh** (2018) **DISEASES OF BETELVINE & INTEGRATED MANAGEMENT IN UTTER PRADESH** In: **New Approaches in Agricultural, Environment and Nutrition Technology** edited by Hemlata Pant (ISBN NO: 978-81-923535-1-7 PublishingSociety of

Harpal Singh , Joginder Singh and Gaurav Kumar.(2019) Marketing Issues of fruits and fruits products in india , Marketing of Agriculture,commodities in india edited by Shoji lal bairwa (ISBN NO: 978-93-88317-09-2) Write and print publication new delhi

Harpal Singh and Gaurav Ahirwar(2019) , Empowering Women by Innovative Floral Designing Volume – 9 ,AkiNik Publications New delhi.

Harpal Singh, Rajdeep Kudesia, Pradeep Kumar Bareliya , Deeksha Naroliya (2019), Zero Waste Agriculture:Pathway to Sustainable Future.

Harpal Singh, Joginder Singh, Gaurav ahirwar and Rashmi nigam(2019) Issues and startegies of organic vegetable farming in india eco friendly agriculture enhancing crop productivity , Published by ANU BOOKS new Delhi meerut Glasgow (uk) 2018 (ISBN NO. 978-93-87922-51-8)

ARTICLES

1. **Harpal Singh, Rajesh Kumar Pandey and Sunil Kumar (2013) – Bundelkhand kshetra main gainda ki unnat kheti- Grameen Vikas Sandesh.**
2. **Harpal Singh, Mahipat Singh and Sunil Kumar (2014) Phalotpadan main Mardapravandhan - Grameen Vikas Sandesh.**
3. **Mahipat Singh, Harpal Singh,Sanjay Kumar Singh and Rajesh Pandey(2014)- Krishi main Neem kiupyogita avam Mahatav- Grameen Vikas Sandesh.**
4. **Mahipat Singh, Harpal Singh and Rajesh Pandey(2014) Prakritik Karbanik Avashisht Samadhi Khad ki Vaigyanic Krishi Utpadan main upyogita avam Mahatav.**
5. **Mahipat Singh, Harpal Singh,Ved Prakash Pathak,Nitendra Rajoriya and Anil Kumar Dhakad(2015) Bundelkhand kshetra main Javik Urverko ki upyogita avam Mahatav- Grameen Vikas Sandesh.**
6. **Harpal Singh, Rajesh Kumar Pandey and Sunil Kumar (2013) – Bundelkhand kshetra main gainda ki unnat kheti- Grameen Vikas Sandesh.**
7. **Harpal Singh, Mahipat Singh and Sunil Kumar (2014) Phalotpadan main Mardapravandhan - Grameen Vikas Sandesh.**
8. **Mahipat Singh, Harpal Singh,Sanjay Kumar Singh and Rajesh Pandey(2014)- Krishi main Neem kiupyogita avam Mahatav- Grameen Vikas Sandesh.**
9. **Mahipat Singh, Harpal Singh and Rajesh Pandey(2014) Prakritik Karbanik Avashisht Samadhi Khad ki Vaigyanic Krishi Utpadan main upyogita avam Mahatav.**

10. Mahipat Singh, Harpal Singh, Ved Prakash Pathak, Nitendra Rajoriya and Anil Kumar Dhakad (2015) Bundelkhand kshetra main Javik Urverko ki upyogita avam Mahatav- **Grameen Vikas Sandesh**.
11. Pradeep Kumar Bareliya, Rajesh Kumar Pandey, Harpal Singh, Vinod Sharma (2016) **Grameen Vikas Sandesh**, Allahabad (Uttar Pradesh), (February, 2017 to January 2018) Page No. 67-69.
12. Harpal Singh, Amit Tomar, Pradeep Kumar Bareliya and Prabhat Tiwari (2019) Bundelkhand kshetra main Arvi se Aay. Krishi Jeevan Januray-June 2019 Page No. 20 – 22.
13. Amit Tomar, Harpal Singh, D.K Upadyay and Anil Kumar Gupta (2019) Vegetable Cultivation as an alternative source of income for small farmers of Bundelkhand Agri – Life. January – June 2019 ,Page No. 21 – 23
14. Harpal Singh, Amit Tomar, Pradeep Kumar Bareliya and Prabhat Tiwari “बुंदेलखण्ड क्षेत्र में अरबी से आ;” (कृषि जीवन) रानी लक्ष्मी बाई केंद्रीय कृषि विश्वविद्यालय, झाँसी (उत्तर प्रदेश) January-June, 2019. pp- 20-22

MEMBERSHIP

1. A life time membership in Society of biological research and rural development (Allahabad).
2. A life time membership in Agricultural Technology development Society (ATDS).
3. Member of Annals of **PHAL-PHOOL** Directorate of Knowledge Management in Agriculture (DKMA) , **Indian council of Agriculture Research, New Delhi**.
4. Member of Annals of **Indian Horticulture** Directorate of Knowledge Management in Agriculture (DKMA) , **Indian council of Agriculture Research, New Delhi**

Personal Details

Father's Name:	Shri Kali Ram
Mother's Name:	Lt. Smt. Lali Devi
Date of Birth	27 th May 1985
Sex	Male
Marital status	Married
Religion	Hindu
Medium of education	Hindi & English
Language know	Hindi & English
Blood Group	O ⁺ Ve
Nationality	Indian

Permanent Address:

II/28, Bundelkhand University, Residential
Campus, Kanpur Road, Jhansi(U.P.)
Pin Code-284128

REFERENCES

Dr. B. Gangwar
Professor & Head.
Institute of Agricultural Science
Bundelkhand University, Jhansi
Mob: 08318232083

Dr. S.K. Shukla
Principal Scientist
Central Institute for Sub-Tropical
Horticulture, Rehmankhera Lucknow
Mob: 09415428049

DECLARATION

I hereby declare that the above information given by me is correct and true to the best of my knowledge and belief.

Date : 4/05/2019

Place : Jhansi

(HARPAL SINGH)