

Curriculum vitae

of

Dr. Jitendra Kumar

Professor & Head

Department of Horticulture

Ch. Charan Singh University, Meerut-250004

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of

Dr. Jitendra Kumar

PERSONAL INFORMATION

Name : **Dr. Jitendra Kumar**
Father's Name : Shri Mahipal Singh
Date of Birth : 1st March 1968
Place of Birth : Baghpat (India)

Present position : **Professor & Head**
Address : Department of Horticulture
Chaudhary Charan Singh University,
Meerut – 250004 (Uttar Pradesh)
Tel. (0121) 2958035(O)
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E-mail: dhaka1968@gmail.com

Coordinator
University Campus Gardening
C.C.S. University Campus, Meerut.

Permanent Address : Dr. Jitendra Kumar
S/o Shri Mahipal Singh
Vill. & Post- Dhikauli
Distt.- Baghpat (Uttar Pradesh)

Residence Address : AB-2
C.C.S. University Campus
Meerut-250004
Tel. (0121) 2764642(R)
09219295341(M)
E-mail: dhaka1968@gmail.com

Marital status : Married

No. of children : Two

PROFESSIONAL STRENGTH

- (i) Teaching & Research Experience : Twenty four (24) years
- (ii) Teaching & Research Experience : Twelve (12) years
of M.Sc. (Horticulture)
- (iii) Teaching & Research Experience : Fourteen (14) years
of M.Phil. (Horticulture)
- (iv) Experience as a Ph.D. Supervisor : Eighteen (18) years
- (v) Experience as M.Phil. Supervisor : Fourteen (14) years

Nature of duties

- a) Teaching of Horticulture Courses.
- b) Guiding and conducting research.
- c) Development of curricula for undergraduate and post graduate students.
- d) Organizing National and International workshops/seminars/symposia, training courses and other academic activities.
- e) Identification, formulation and implementation of various academic/research projects.
- f) Interaction with national and international academic and research organizations.

ADMINISTRATIVE EXPERIENCE

1. Agriculture Farm Incharge : Since 2005 to till date
2. Asstt. Proctor : Since 2004 to 2012
3. Security officer of the University : Sept. 2006 - Sept. 2010
4. Hostel Warden of the University : 2000-2003
5. Chief Proctor and Security Officer : 24.12.2012 to 06.04.2018
6. Co-ordinator, Campus Gardening : 28.03.2006 to till date
7. **Dean, Faculty of Agriculture** : 09.07.2017 to 09.07.2020
8. **Dean Student Welfare** : 01.02.2019 to 18.06.2020

Head, Department of Horticulture :

As Head, Department of Horticulture, all efforts were made to revise the courses, promote excellence in teaching and encourage the research activities of the Department. The number of NET qualified students has also increased and students of the Department employed in various Government, Semi Government and Private Organizations in good positions.

Coordinator: Campus gardening :

Department of Horticulture planted 3,032 (Three Thousand Thirty Two only) plants on 31st July, 2007 (in one day only) under my supervision and achieved 1st Rank in plantation among Educational Institutions in western Uttar Pradesh. Department also planted different types of plants on different occasions and seasons time to time and all horticultural development and beautification of whole University campus are doing by

Coordinator of Campus gardening. The C.C.S. University Campus is one of the most beautiful campus among other educational Institutions in western Uttar Pradesh. The Coordinator provides free of cost consultancy to the farmers in the field of horticulture also.

ACADEMIC PROFILE

Academic Qualifications:

Exam Passed	Year	Board/University	Subjects	Div.	%age	Remark
High School	1982	U.P.Board Allahabad.	All Ag. Compulsory Subjects.	I	73%	
Intermediate	1984	U.P.Board Allahabad.	All Ag. Compulsory Subjects.	I	74.8%	Ist Position in School
B.Sc. (Ag.)	1987	Meerut Univ. Meerut.	All Ag. Compulsory Subjects.	I	64.8%	Hons.
M.Sc. (Ag.) (Horticulture)	1991	G.B.P.U.A.&T. Pantnagar.	Horticulture	I	85.3%	
M.Phil.	1992	C.C.S. Univ. Meerut.	Horticulture	I	78.5%	Ist Rank in Univ.
Ph.D.	1995	C.C.S. Univ. Meerut.	Horticulture			

Research Contribution

Number of research papers published in National and International Journals	:	88
Number of Ph.D. students guided	:	11
Number of M.Phil. students guided	:	64
Number of M.Sc. students guided	:	20
No. of Abstracts	:	25

Fellowships/Memberships of Learned Scientific/Academic societies

1. Fellow of Indian Society of Ornamental Horticulture.
2. Life member of Indian Society of Ornamental Horticulture, IARI New Delhi.
3. Life member of the Horticultural Society of India, IARI New Delhi.
4. Life member of Hill Horticulture Development Society, Ranikhet Uttranchal.
5. Life member of Farming System Research & Development Association, .
6. Life member of Hi-Tech Horticultural Society, Meerut.
7. Member of Academic council of C.C.S. University, Meerut since 2005.

Convener and Member of Screening/Selection Committees

Having been nominated by the University as expert for various selection committees, observer/examiner for various examinations, member of selection committees of teachers and Principals.

Medals/Awards/Honours

1. Awarded Chancellor's Medal (Best Student) of the C.C.S. University Meerut in year 1992.
2. Awarded Gold Medal for M.Phil. 1992.
3. Awarded Merit Certificate for M.Phil. 1992.
4. Awarded Young Scientist Award by Bioved Research Society, Allahabad in 2003.
5. Awarded Vishist Shikshak Puraskar-2003 C.C.S. University, Meerut.
6. Awarded Best Paper Presentation in National Symposium on "Bulbous Ornamental Crops" in 2006.
7. Awarded Kunwar Saxena Bahadur S.R.D.A. of Society for Recent Development in Agriculture.
8. Awarded Fellowship 2009 by Hi-Tech Horticultural Society, Meerut.
9. Awarded Scientist of the year award by Society for Scientific Development in Agriculture & Technology, 08-09 February 2014.

10. Awarded Excellence in Teaching Award by Scientific Educational Research Society presented during ICIAS-2016 at Kasetsart University Bangkok, Thailand.
11. Awarded Guest of Honour Award by Agricultural Technology Development Society, Ghaziabad presented during National Conference on Natural Resources Management for Sustainable Agriculture (NRMSA) 25 October, 2016 at J.V. College, Baraut, Baghpat.
12. Awarded Distinguished Scientist Award-2017 by Agricultural Technology Development Society, Ghaziabad presented during International Conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development (ABCD-2017), October 27-28, 2017 at Brahaspati Bhawan, C.C.S. University, Meerut.
13. Awarded Fellowship Award-2017 by Hi-Tech Horticultural Society in GMST-2017 during 26-30 November, 2017 at Kuala Lumpur, Malaysia.

Conferences/Symposia Organized : 3

1. National Symposium on Recent Trends & Future Prospects in Agriculture, 26 November 2007, C.C.S. University, Meerut.
2. 1st Indian Agricultural Scientist and Farmers Congress on Technological Innovations for Enhancing Agriculture Production, 3-4 October 2009, C.C. S. University, Meerut.
3. **Director** in International Conference on Advances in Agriculture and Biodiversity Conservation for Sustainable Development (ABCD-2017). Jointly organized by Agricultural Technology Development Society (ATDS), Ghaziabad and Department of Horticulture, C.C.S. University, Meerut, held during 27-28 October 2017 at Brahaspati Bhawan, C.C.S. University, Meerut in 2017.
4. **Chairperson** in 4th International Conference on Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA-2020) during Pandemic Era of Covid-19, Organized by Agricultural Technology Development Society (ATDS), Ghaziabad, held during February 26-28, 2021 at Conference Hall, Shobhit Deemed University, Modipuram, Meerut (UP) India.

Conferences/Symposia/Workshop Attended and Presentation of Research Papers:

Participation in several National/International Conferences/Symposia/Workshop etc. A few of them are listed below.

1. Participated in National Symposium on Emerging Scenario in Ornamental Horticulture in 2000 A.D. and Beyond, 21-22 July 1999, held at IARI, New Delhi, India.
2. 4th Indian Agricultural Scientists and Farmer's Congress, 16-17 February 2002, C.C.S. University, Meerut.
3. Patent Awareness workshop, 3 March 2003, C.C.S. University, Meerut.
4. Participated in National Symposium on Recent Trends and Future Strategies in Ornamental Horticulture, 1-4 December 2004, UAS Dharwad.
5. Participated in "First Indian Horticulture Congress-2004", IARI New Delhi.
6. Attended National Symposium on Ornamental Bulbous Crop 5-6 December 2006, Meerut.
7. National Conference on Floriculture for Livelihood and Profitability, 16-19 March 2009, IARI, New Delhi.
8. Bioresource Conservation and Utilization, 27-29 March 2009, C.C.S. University, Meerut.
9. National Symposium on Conservation Horticulture-2010, 21-23 March 2010, Dehradun.
10. National Symposium on Emerging Trends in Agricultural Research, 11-12 September 2010, PDFSR Modipuram, Meerut.
11. National Conference of Plant Diversity for Aesthetic Values & Landscape Gardening, 26-28 November 2010, Tamil Nadu Agricultural University, Coimbatore.
12. National Conference on Recent Trends & Future Prospects in Floriculture, 05-08 March, 2011, SVPUA&T, Meerut.
13. National Conference on EPRAAS 2014

14. International Conference on Innovative Approaches in Applied Sciences and Technologies (iCiAsT-2016), 01-05 February 2016, Kasetsart University, Bangkok, Thailand.
15. International Conference on Advances in Agriculture and Biodiversity Conservation for Sustainable Development (ABCD-2017). Jointly organized by Agricultural Technology Development Society (ATDS), Ghaziabad and Department of Horticulture, C.C.S. University, Meerut, held during 27-28 October 2017 at Brahaspati Bhawan, C.C.S. University, Meerut in 2017.
16. Presented research paper in Global Meet on Science and Technology for Ensuring Quality Life (GMST-2017) organized by Hi-Tech Horticulture Society, Meerut and Prerna Foundation, Meerut, held during 26-30 November 2017 at Hotel Ancasa and Spa, Kuala Lumpur, Malaysia.
17. Presented research paper in "National Conference on Ornamental Horticulture to uplift Rural Economy" held during 11.01.2019 to 13.01.2019 at Maharana Pratap University of Agriculture and Technology Udaipur, Rajasthan.

Books: 1

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Ph.D. completed under the supervision of Dr. Jitendra Kumar:

1. Influence of micro-nutrients on growth and yield of radish (*Raphanus sativus* L.). (2002).
Narendra Sharma
2. Effect of GA₃, plant density and depth of planting in gladiolus cv. Candyman. (2003).
Pranav Rana
3. Effect of growth substances on growth, flower yield, bulb production and vase life of tuberose (*Polianthes tuberosa* L.) cv. Double. (2004)
Pushendra Singh
4. Standardization of post harvest technologies in gladiolus cut spikes. (2006)
Alka Singh
5. Effect of inorganic and bio-fertilizers on growth, yield and quality of tomato (*Lycopersicon esculentum* Mill.). (2006)
Anant Kumar
6. Genetic variability and divergence for growth and economic attributes in gladiolus.
Rakesh Kumar
7. A study on postharvest life of hybrid tea rose (*Rosa hybrida* L.) cv First red. (2008).
Anis Ahmed Mirza
8. Response of growth regulators and inorganic fertilizers on growth, flowering and yield of chrysanthemum (*Dendranthema grandiflora* Ramat.) cv. Birbal Sahni. (2009).
Joginder Singh
9. Study on genetic variability, heritability and genetic advance in african marigold (*Tagetes erecta* L.) under Meerut region. (2010)
Krishan Pal
10. Effect of Organic Manures, Inorganic Fertilizers and VAM on the performance of Gladiolus (*Gladiolus floribundus* L.) cv. White Prosperity. (2013)
Vishal Kumar
11. Effect of Nitrogen and Spacing on Growth, Flowering and Quality Flower of Marigold (*Tagetes spp.*). (2022)
Himanshu Kumar

M.Phil. Projects completed under the supervision of Dr. Jitendra Kumar:

2006

1. Response of cytokinin and biofertilizer on growth and flowering of tuberose (*Polianthes tuberosa* L.) cv. Double.
2. Effect of growth retardants and pinching on growth and flowering of African marigold (*Tagetes erecta* L.) cv. Pusa Basanti Gainda.
3. Effect of biofertilizer and micro-nutrients on growth and flowering of tuberose (*Polianthes tuberosa* L.) cv. Double.
4. Response of micro-nutrients on growth, flowering and yield of okra (*Abelmoschus esculentus* L. Moench) cv. Parbhani Kranti.
5. Effect of *azospirillum* and PSB inoculation on growth and flowering in tuberose (*Polianthes tuberosa* L.) cv. Double.
6. Effect of seed treatment with GA₃ and levels of phosphorus on growth, flowering and yield of okra (*Abelmoschus esculentus* L. Moench) cv. Arka Anamika.
7. Influence of graded level of nitrogen and sulphur on growth and flowering in tuberose (*Polianthes tuberosa* L.) cv. Double.
8. Effect of spacing and pinching on growth and flowering in African marigold (*Tagetes erecta* L.) cv. Pusa Basanti Gainda.
9. Effect of nitrogen and iron on growth and flowering parameters in African marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gainda.
10. Effect of GA₃ and VAM on growth and flowering of tuberose (*Polianthes tuberosa* L.) cv. Double.

2007

1. Effect of chemicals on vase life of cut roses.
2. Effect of zinc and iron on growth and flowering in African marigold (*Tagetes erecta* L.) cv. Pusa Basanti Gainda.
3. Studies on the effect of plant growth regulators on growth, flowering and yield of African marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gainda.
4. Effect of micro-nutrients on growth and yield of tomato (*Lycopersicon esculentum* Mill) cv. Pusa Hybrid-2.
5. Effect of nitrogen and pinching on growth and flowering in African marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gainda.
6. Effect of vitalizer (GA₃) and nitrogenous fertilizer (Urea) on growth and flowering in tuberose (*Polianthes tuberosa* L.) cv. Double.
7. Effect of Azotobacter and nitrogen on growth and yield of tomato crop (*Lycopersicon esculentum* Mill) cv. Pusa Ruby.
8. Effect of inorganic and bio-fertilizers on growth and yield of tomato (*Lycopersicon esculentum* Mill) cv. Pusa Ruby.

2008

1. Effect of micro-nutrients on growth, flowering and yield of okra (*Abelmoschus esculentus* L. Moench) cv. Pusa Sawani.
2. Effect of NaCl and sucrose on vase-life of cut rose cv. First Red.

3. Effect of integrated nutrient management in summer okra (*Abelmoschus esculentus*) cv. Pusa Sawani.
4. Effect of organic manure and bio-fertilizer on growth and yield of tomato (*Lycopersicon esculentum* Mill) cv. Pusa Hybrid-2.
5. Response of nitrogen and sulphur in production of onion (*Allium cepa* L.) cv. Pusa Red.
6. Effect of Plant growth hormone and fertilizers on growth and yield of chilli (*Capsium annum* L.).
7. Effect of nitrogen and zinc level on yield and oil content of coriander (*Coriandrum sativum* L.).
8. Variability and character association in pumpkin (*Cucurbita moschata* Duch. ex. poir).
9. Effect of spike length on the postharvest qualities of gladiolus (*Gladiolus floribundus* L.) cvs. 'Whit Prosperity' and 'Peter Pears'.
10. Effect of inorganic fertilizers on growth, flowering and yield of different cultivars of brinjal (*Solanum melongena* L.).

2009

1. Studies of variability and character association in brinjal (*Solanum melongena* L.).
2. Effect of spacing and sulphur on growth and yield of onion (*Allium cepa* L.) cv. N-53.
3. Effect of nitrogen and sulphur on growth and bulb production on garlic (*Allium sativum* L.) cv. Yamuna Safed (G-1).
4. Response of Azospirillum and sulphur on growth and yield of radish (*Raphanus sativus* L.) cv. Early Long White.
5. Effect of bio-fertilizer (Azotobacter) and sulphur on growth and yield of radish (*Raphanus sativus* L.) cv. Hill Queen.
6. Effect of biofertilizer (*Azotobacter*) and sulphur on growth and bulb production on onion (*Allium cepa* L.) cv. Nasik-53.
7. Effect of AgNO₃ and 8-HQC on vase life of cut roses.

2010

1. Effect of Biofertilizer (Rhizobium) and Vermicompost of growth and yield of garden pea (*Pisum sativum* L. sub sp. *hortense* Asch. and Graebn)
2. Effect of Nitrogen (urea) and *Azotobacter* on growth and yield of cauliflower (*Brassica oleracea* var. botrytis L.)
3. Effect of chemical and organic fertilizers on growth, flowering and yield of okra (*Abelmoschus esculentus* L. Moench) cv. Arka Anamica.
4. Effect of spacing and pinching on growth and flowering in African marigold (*Tagetes erecta* L.) under western region of U.P.
5. Effect of nitrogen (urea) and Azotobacter on growth and yield of cabbage (*Brassica oleracea* Var capitata L.)

2011

1. Effect of NAA on growth and bulb yield of onion (*Allium cepa* L.) cv. N-53
2. Effect of GA₃ and Biofertilizers on growth and flowering in gladiolus (*Gladiolus floribundus* L.) cv. American Beauty.
3. Effect of GA₃ and Azotobacter on growth and flowering in African marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gaiinda.
4. Vase life and quality of spray Chrysanthemum (*Dendranthema grandiflora* 'Tzevlev') influenced by the floral preservatives.
5. Standardization of bio-fertilizer (Azotobacter) and plant growth regulator (GA₃) on growth and flowering in gladiolus (*Gladiolus floribundus* L.) cv. American Beauty
6. Effect of Zinc and Boron on growth, flowering and yield of garden pea (*Pisum sativum* L. Sub sp. Hortense Asch. And Graebn) cv. Arkel.

2012

1. Effect of plant growth regulator (GA₃) and bio-fertilizer (VAM) on growth and flowering of African marigold (*Tagetes erecta* L.) cv. Pusa Arpita
2. Effect of INM (Integrated Nutrient Management) on growth, flowering and fruit yield of tomato (*Lycopersicon esculentum* Mill.) cv. Pusa Rohani
3. Effect of Plant growth regulator (GA₃) and bio-fertilizer (VAM) on growth and flowering of Calendula (*Calendula officinalis* L.) cv. CF-102 Kablouna Orange
4. Effect of Integrated nutrient management on growth and flowering in African marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gaiinda
5. Effect of plant growth regulator (GA₃) and micronutrient (Zinc) on growth, flowering and pod yield of Okra (*Abelmoschus esculentus* L. Moench) cv. Arka Anamia

2013

1. Effect of Plant growth regulator (GA₃) and bio-fertilizers on Growth, Flowering and Yield of Okra (*Abelmoschus esculentus* L.) cv. S-51.
2. Effect of Organic Manures and Biofertilizers on Growth, Flowering and Yield of Okra (*Abelmoschus esculentus* L. Moench) cv. Arka Anamika.

2014

1. Effect of Nitrogen and GA₃ on growth and flowering behaviour of African Marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gaiinda.
2. Effect of biofertilizers and inorganic fertilizer on growth, yield and quality parameter of tomato (*Lycopersicon esculentum* Mill.) cv. Pusa H-4.

2015

1. Impact of integrated nutrient management on the performance of bottle gourd [*Lagenaria siceraria* (Mol.) Standl.]

2017

1. Effect of Gibberellic Acid (GA₃) and Zinc on Growth, Flowering and Yield of Okra (*Abelmoschus esculentus* L. Moench) CV. Arka Anamika
2. Effect of aluminium sulphate & silver nitrate on vase life of cut rose cv. First Red

2018

1. Effect of organic manures and bio-fertilizer on growth and yield performance of okra (*Abelmoschus esculantus* L. Moench) cv. Arka Anamika
2. Impact of integrated nutrient management on growth and yield parameters of cauliflower (*Brassica oleracea* var. *botrytis* L.) cv. Kashi Ganga
3. Impact of organic manures and bio-fertilizers on the performance of radish (*Raphanus sativus* L.) cv. Arka Nishant
4. Impact of organic manures and bio-fertilizers on the performance of radish (*Raphanus sativus* L.) cv. Arka Nishant

2019

1. Effect of chemical preservatives on vase life of cut rose cv. Top Secret.
2. Effect of foliar application of urea on the growth and yield parameters of Broccoli (*Brassica oleracea* L. var. *Italica*) cv. Pusa KTS-1.

M.Sc. Dissertations:

M.Sc. Dissertations conducted under the supervision & guidance of **Dr. Jitendra Kumar:**

1. Effect of indole acetic acid on growth and flowering of zinnia (*Zinnia elegans*)
2. Effect of maleic hydrazide on growth and flowering of balsam (*Impatiens balsamina* L.)
3. Effect of nitrogen and phosphorus fertilization on growth and flowering on China aster (*Callistephus chinensis* Nees.) cv. Kamini.
4. Effect of micronutrients (Cu, Zn, B, Fe & Mn) on growth and yield of onion (*Allium cepa* L.) cv. Pusa Madhvi.
5. Effect of plant spacing on growth and flowering of zinnia (*Zinnia elegans* L.)
6. Effect of gibberellic acid and indole acetic acid on growth and flowering of carnation (*Dianthus caryophyllus* L.) cv. Chabaud Yellow.
7. Effect of rhizobium inoculation and phosphorus application on growth, nodulation and yield of garden pea (*Pisum sativum* L.) cv. Mattar Ageta-6.
8. Effect of management and zinc on the growth and flowering of carnation (*Dianthus caryophyllus* L.) cv. Chabaud Red.
9. Effect of nitrogen and indole acetic acid on growth and flowering of carnation (*Dianthus caryophyllus* L.) cv. Chabaud Yellow.
10. Effect of plant density and nitrogen on growth, yield and quality of okra (*Abelmoschus esculentus* L. Moench) cv. Varsha Uphar.
11. A study on variability and genetic divergence in garden pea (*Pisum sativum* L. sub sp. *Hortense* Asch. and Graebn.)
12. Effect of 2,4-D and NAA on growth and yield of brinjal (*Solanum melongena* L.) cv. Pusa Purple Long.
13. A study on variability and character association in garden pea (*Pisum sativum* L. sub sp. *hortense* Asch. and Graebn.)
14. Effect of paclobutrazol on growth and flowering of chrysanthemum (*Chrysanthemum indicum*) cv. Statesman.
15. Post harvest life of cut tuberose (*Polianthes tuberosa* L.) spikes cv. Double as affected by gibberellic acid, naphthalene acetic acid and sucrose.
16. Effect of gibberellic acid, naphthalene acetic acid and citric acid on the post harvest life of cut tuberose (*Polianthes tuberosa* L.) spikes cv. Double.
17. Varietal and chemical response on vase-life of cut roses.
18. Effect of gibberellic acid and naphthalene acetic acid on the postharvest life of cut tuberose (*Polianthes tuberosa* L.) spike cv. Double.
19. Efficacy of biofertilizers on promotion of plant growth and bulb yield in onion (*Allium cepa* L.)
20. Effect of chemical preservatives on vase-life of gladiolus (*Gladiolus x grandiflorus* L.) cv. White Prosperity.

Research Papers Published:

1. Kumar, B., **Kumar, J.**, Singh, S. S., and Singh, M. V. (1996). Response of potato variety Kufri Lalima to nitrogen fertilization under Eastern Uttar Pradesh conditions. *New Agriculturist*, **7** (1) : 11-15.
2. **Kumar, J.**, Singh, T., Kumar, M., Kumar, A. and Kumar, S. (1997-98). Effect of indole acetic acid on the vegetative growth and flowering of zinnia (*Zinnia elegans*). *J. Farming Systems Research & Development*, **3 & 4** (1 & 2) : 96-98.
3. Singh, P. V. and **Kumar, J.** (1998). Effect of gibberellic acid as a pre-sowing seed treatment and different levels of nitrogen on germination, growth, flowering and yield of okra (*Abelmoschus esculentus* L. Moench). *Indian J. Agric. Res.*, **32** (1) : 31-36l.
4. Bhati, D. K. and **Kumar, J.** (2000). Effect of auxins on rooting of the stem node cuttings of dieffenbachia under pot culture. *New Agriculturist*, **11** (1,2) : 27-30.
5. Bhati, D. K., Singh, B., and **Kumar, J.** (2000). Effect of levels of nitrogen and spacing on the yield and quality of garlic (*Allium sativum* L.). *Bioved*, **11** : 1-2.
6. Kumar, A. and **Kumar, J.** (2003). Effect of 2, 4-D and NAA on growth and yield of brinjal (*Solanum melongena* L.) cv. Pusa Purple Long. *New Botanist*, Vol. XXX : 149-152.
7. **Kumar, J.**, Mir, A. and Singh, P. V. (2003). Effect of Mn and Zn sprays on carnation. *J. of Ornamental Horticulture*, **6** (1) : 83.
8. **Kumar, J.**, Chauhan, S. S. and Singh, P. V. (2003). Response of N and P fertilization on China aster. *J. of Ornamental Horticulture*, **6** (1) : 82.
9. **Kumar, J.** and Rana, P. (2003). Response of nitrogen and IAA in spray carnation. *J. of Ornamental Horticulture*, **6** (3) : 285-286.
10. **Kumar, J.**, Pal, V. and Singh, P. V. (2003). Effect of paclobutrazol on the growth and flowering of chrysanthemum. *J. Farming system Research & Development*, **8** (1) : 118-119.
11. Singh, P. V., Panwar, S. and **Kumar, J.** (2003). Response of tuberose to plant growth regulators. *J. of Ornamental Horticulture*, **6** (1) : 80-81.
12. **Kumar, J.** and Rana, P. (2004). Influence of GA₃ and spacing on growth and flowering of gladiolus. Proceeding published in National symposium on Recent trends and future strategies in ornamental horticulture 1-4 December 2004.
13. **Kumar, J.**, Sambyal, S. and Rana, P. (2004). Effect of GA₃, NAA and citric acid on the post harvest life of cut tuberose (*Polianthes tuberosa* L.) spikes cv. Double. Proceeding published in National symposium on Recent trends and future strategies in ornamental horticulture 1-4 December 2004.
14. **Kumar, J.** and Singh, D. (2004). Postharvest life of tuberose cultivar pearl double spike as affected by GA₃, NAA and sucrose. *J. of Ornamental Horticulture*, **7** (2) : 188-191.
15. **Kumar, J.** and Kumar, S. (2004). Effect of maleic hydrazide on growth and flowering in balsam (*Impatiens balsamina* L.). *J. of Ornamental Horticulture*, **7** (1) : 129-130.
16. Singh, O. and **Kumar, J.** (2004). Correlation and path analysis in brinjal (*Solanum melongena* L.). *Veg. Sci.*, **31** (2) : 161-163.

17. Rana, P. , **Kumar, J.** and Kumar, M. (2005). Response of GA₃, plant spacing and planting depth on growth, flowering and corm production in gladiolus. *J. of Ornamental Horticulture*, **8** (1) : 41-44.
18. Singh, O. and **Kumar, J.** (2005). Variability, heritability and genetic advance in brinjal. *Indian J. Hort.*, **62** (3) : 265-267.
19. **Kumar, J.** and Pal, K. (2005). Response of certain chemicals on vase-life of cut roses. *Journal of Ornamental Horticulture*, **8** (4) : 316-317.
20. Singh, A., **Kumar, J.**, Kumar, P. and Singh, K. P. (2006). Packaging and storage technology for cut flowers. Proceeding published in National symposium on ornamental bulbous crops 5-6 December 2006.
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1. Effect of corm size and spacing on growth, flowering and corm production in gladiolus
2. Effect of GA₃ and NAA on postharvest life of cut spikes of tuberose (*Polianthes tuberosa* L.) cv. Pearl Double
3. Effect of plant growth substances on growth, flower yield, bulb production and vase life of tuberose (*Polianthes tuberosa* L.) cv. Pearl Double
4. Genetic variability, heritability and genetic advance in gladiolus
5. Effect of packaging films for modified atmosphere storage at low temperature on keeping quality of gladiolus cut spikes
6. Postharvest techniques protocol for extending storage, flower quality and vase life of gladiolus cut spikes
7. Influence of gibberellic acid on growth and flower yield in carnation
8. Effect of micronutrients on growth and yield of onion cv. Pusa Madhvi
9. Effect of *Rhizobium* inoculation and P application on growth, nodulation and yield of garden pea cv. Mattar Ageta 6
10. Effect of maleic hydrazide on growth and flowering of balsam (*Impatiens balsamina*)
11. Effect of bulb size, planting depth and spacing on growth, flowering and bulb production of tuberose
12. Post harvest life of tuberose spikes as affected by GA₃, NAA and sucrose treatment
13. Post harvest quality of cut flowers of rose 'Happiness' as affected by pulsing treatments
14. Effect of indole acetic acid on vegetative growth and flowering of zinnia (*Zinnia elegans* L.)
15. Effect of plant spacing on growth and flowering of zinnia (*Zinnia elegans* L.)
16. Effect of paclobutrazol (PP333) on chrysanthemum
17. Effect of phosphorus and sulphur fertilization on growth, nodulation on yield of garden pea cv. Mattaer Ageta-6
18. Response of N and P fertilization on China aster
19. Response of tuberose to plant growth regulators
20. Effect of floral spray of Mn and Zn on carnation
21. Effects of GA₃ and NAA on growth and flowering of carnation (*Dianthus caryophyllus* L.)
22. Influence of GA₃ and spacing on growth and flowering of gladiolus
23. Effect of GA₃, NAA and citric acid on the post harvest life of cut tuberose (*Polianthes tuberosa* L.) spikes cv. Double
24. Strategies for floriculture improvement in 21st Century
25. Varietal and chemical response on vase-life of cut roses

Place: Meerut
Date:

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