


Department of Agriculture
Faculty Details Performa

Name	Dr. Kanwaljit Singh	Photograph 
Designation	Associate Professor	
Date of Birth	15-03-1974	
Office Address	P.G. Department of Agriculture	
Residence	Village-Bua-Nangli, PO-Raja-Sansi-143101	
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Educational Qualifications		
Degree	Institution	Year
B.Sc./B.A.	Khalsa College Amritsar, GNDU, Punjab	1996
M.Sc./M.A.	Khalsa College Amritsar, GNDU, Punjab	1998
Ph.D.	Department of Agriculture, GNDU	2013
Career Profile		
Organisation	Designation and Duration	Role
Khalsa College Amritsar	Associate Professor w.e.f. 2017 to till date	Teaching and Research
Area of Interest/ Specialization		
Agronomy, Soil Fertility and Nutrient Management		
Subjects Taught		
Undergraduate	Post Graduate	
Fundamentals of Agronomy, Practices and cultivation of Agronomic crops.	Cultivation of Rabi and Kharif crops, Irrigation management	
Research Guidance		
M.Sc. Agri. (Agronomy)		
Ph.D. Agriculture		
M.Sc. Thesis submitted - 42 Ph.D. Thesis submitted - 02 Ph.D. Thesis title:		
<ol style="list-style-type: none"> 1. Realizing zinc biofortification, sowing time and nitrogen management in zero tilled wheat (<i>Triticum aestivum</i> L.). Regd. 2004 K/A 1397 and Degree awarded in Oct. 2021. 2. Soil health and orchard floor management through inclusion of medicinal crops in an Inceptisol. Regd. 2010 K/A 1438 and Degree awarded in Feb., 2025. 		
Research Publications		
<u>Publication Profile</u>		
• Total Publications: 29 (Research paper, Book and Book Chapter)		

List of publication

1. JP Singh, A Salaria, **K Singh** and B. Gangwar (2005) Diversification of rice-wheat cropping systems through inclusion of basmati rice, potato and sunflower in trans Gangetic Plains. *J. Farming System Res. Dev.* **11(1): 12-18.**
2. JP Singh, A Salaria, **K Singh** and B. Gangwar (2008) Efficiency of diversified rice wheat cropping systems including potato, vegetable peas and ground nut crops in trans-Gangetic plans. *Potaot J.* **35(1,2): 53-60.**
3. Rakesh Kumar, Narinderdeep Singh, Manpreet Singh and **Kanwaljit Singh** (2009) Effect of integrated nutrient management of tuber yield and economics of autumn potato. *Indian. J. Ecol* **36(2): 135-138.**
4. **K.S. Sandhu**, G.S. Chinna, R.S. Marwaha and S.K. Pandey (2010) Effect of nitrogen fertilization on yield and chipping quality of processing varieties grown in cooler north plans. *Potato J.* **39(3,4): 138-142.**
5. **K.S. Sandhu**, G.S. Chinna, R.S. Marwaha and S.K. Pandey, Parveen Kumar and R.K. Singh (2012) Effect of staggered planting and dehauling schedule on yield and processing quality of potato in Punjab. *Potato J.* **39(1): 39-47**
6. Parveen Kumar, Rajeev Kumar, **K.S. Sandhu**, Dinesh Kumar and SK Panday (2014) Time and Method of Nitrogen application for chipping potato variety of Kufri Chipsona-3 for high productivity, profitability and processing quality during long term storage. *Ann. Agric. Res New Series* **35(4) 430-435**
7. **KS Sandhu**, RS Marwaha and Parveen Kumar (2014) Processing attributes of potato varieties stored at ambient conditioned of North Western plains. *Potato J.* **41(1): 86-90.**
8. Parveen Kumar, BP Singh, Rajeev Kumar, **KS Sandhu**, Diensh Kumar, SK Pandey and SV Singh (2014) Optimizing Crop geometry in Kufri chipsona-3 and Kufri Himsona for hight grade tuber yield and quality. *Potao J.* **41(2): 152-159.**
9. Parveen Kumar, Rajveer Kumar, Dinesh Kumar, Sukhwinder Singh, **KS Sandhu** and B.P Singh (2015) Fertilizer Management of Potato variety Kufri frysona for higher yield, good quality, profitability and storability. *Agron. Agric. Res.* **36 (2): 191 – 199.**
10. Parveen Kumar, Sanjay Rawal, Dinesh Kumar, Rajeev Kumar, Neeraj Saini, Ramesh Chand and **KS Sandhu** (2015) influence of calcium dose and time of application on tuber yield and processing quality of Potato. *Ann. Agric.* **36 (1): 28-37.**
11. **Sandhu KS**, MS Shahi, R.K. Sharma and Gurbax Singh (2016) Efficient of fertibility levels and varieties on tubers yield and processing quality of French lay grade potato. *Krish Vigyan* **4(2): 28:31**
12. Parveen Kumar, Rajeev Kumar, Anivesh Kumar, Dinesh Kumar, **KS Sandhu** and BP Singh (2015) Effect of seed cutting and treatment methods of Potato on yield, quality and profitability of French fry variety Kufir Frysona. *Ann.Agric. Res New Series* **36(3)**

13. Khushkaran Singh, **Kanwaljit Singh**, Gurbax Singh and Dinesh Kumar (2016). Effect weed control on yield and quality of malt barley. *Journal wheat Research*. **8(2)** 38-42.
14. **KS Sandhu**, Manpreet Singh, Harjinder Singh, Dinesh Kumar and Parveen Kumar (2017) Effect of Sowing time and different levels of nitrogen on yield and quality of barley. *Ann.Agric. Res New Series* **38(2)** 136-140.
15. Surinder, **Kanwaljit Singh** and Tarandeep (2019) Effect of Time of sowing and last cut on green fodder and seed production in Barseem (*Trifolium alexandrinum*). *Journal of pharmacongny and Phytochemistry Special Issue* **234-237**.
16. Singh Mandeep and **Kanwaljit Singh** (2019) Agronomic zinc biofertilization of wheat *Agrochimica* LXIII (4): 308-317. DOI 10.12871/00021857201917
17. Simranjeet Singh and **Kanwaljit Singh** (2020) Effect of integrated nutrient management on growth and yield of Basmati Rice (*Oryza sativa*) through use of organic manures and crop residues. *Crop Res.* **55 (5 & 6): 183-188**
18. Surinder Singh and **Kanwaljit Singh** (2020) Productivity and Profitability of Egyptian clover (*Trifolium alexandrinum*) affected under different sowing times and date of last cutting. *Indian Journal of Agronomy* **65(4): 471-475**.
19. **Kanwaljit Singh** and J. Kaur (2020) Response of malt barley (*Hordeum distichon*) to different levels of nitrogen and phosphorus at Amritsar. *Ann. Agric Res.* **41(3): 242-247**.
20. M Singh and **KS Sandhu** (2021) Impact of Zinc fertilization on growth, yield and quality of zero till wheat (*Triticum aestivum* L.). *Journal of Environmental Biology.* **42: 326 - 331**.
21. Singh Surinder, **Kanwaljit Singh** and Tarandeep Kaur (2021). Effect of different sowing dates and timings of last cut on yield attributes and seed yield of Berseam (*Trifolium alexandrinum*) *Legume Research* **44 (5): 574-578**.
22. Sandhu, **Kanwaljit Singh** and P. Kaur Gill (2022). Effect of nutrient management on productivity and quality of malt barley cultivars in low temperature conditions of Punjab. *Ann Agric. Res. New Series* **43(2)** 56-61.
23. Singh Harpreet, **Kanwaljit Singh Sandhu** and Kanik Kumar Bansal (2022). Effect of first irrigation scheduling and herbicides on productivity of direct seeded rice (*Oryza sativa*). *Indian Journal of Agronomy* **67(1): 93-96**.
24. Maini Rajan and **Kanwaljit Singh Sandhu** (2022). Response of pigeon pea (*Cajanus cajan*) variety pusa Arhar 16 to different row spacing and inter cropping systems. *Indian Journal of Agronomy* **67(2): 212-215**.
25. Singh Mandeep, **Kanwaljit Singh** and Avtar Singh Bimbraw (2021). Evaluation of bread wheat (*Triticum aestivum*) under semi-arid conditions of Punjab. *Indian Journal of Agronomy* **66(3): 23-28**.

26. Singh Manpreet, **Kanwaljit Singh** and Veerpartpal Singh (2023). Ground cover management studies in Kinnow Orchard. *Indian Journal of Horticulture* **30**(4): 368-371.
27. Singh Manpreet and **Kanwaljit Singh** (2023). Soil moisture content and fertility status of soil through intercropping of medicinal crops in guava orchard of northern India. *Eco. Env. and Cons.* **29**(3): 1234-1238.
28. **Kanwaljit Singh** (2016) Effect of Agronomic Practices on quality and quantity of potato crop (Page174). Lambert Academics Publisher Germany. **ISSN/ ISBN No.** 978-3-659-61697-6 (International).
29. **Kanwaljit Singh** (2016) Some Agronomic experiment on Barley Vol I (Page 105). Educreation Publishing New Delhi. **ISSN/ ISBN No.** 978-1-5457-1298-6 (National).

Academic Staff College Orientation/Refresher/ Short Term Course Attended

Nameofthe Course/Summer School	Place	Duration	Sponsoring Agency
63 rd GOC	ASC, GNDU, Amritsar	21/02/2005 to 19/03/2005	UGC
7 th Refresher Course	ASC, BHU, Varanasi (UP)	17/01/2009 to 06/02/2009	UGC
Special Summer School	ASC, GNDU, Amritsar	15/06/2012 to 05/07/2012	UGC
Refresher SRC	ASC, AMU, Aligarh (UP)	08/11/2013 to 29/11/2013	UGC
National Symposium	PAU, Ludhiana	18/10/2014 to 20/10/2014	ICAR (Professional Counsel of UGC)
Model Training Course	CPRI, Shimla	27/10/2015 to 03/11/2015	ICAR (Professional Counsel of UGC)
National Workshop	PG Department of commerce Khalsa College of Amritsar	18/12/2016 to 24/12/2016	Khalsa College, Amritsar
Faculty Development Programme	IQAC, Khalsa College of Amritsar	06/01/2017 to 13/01/2017	UGC-CPF, New Delhi


20/5/25

Signature