

Curriculum Vitae (CV)

1. Name: Dr. B.L. Dudwal
2. Designation: Assistant Professor
3. Address: Deptt. of Agronomy SKNCoA Jobner, Sri Karan Narendra Agriculture University, Jobner
4. Mobile: +91-8290480713
5. E-mail: bldudwal.agro@sknau.ac.in
6. Date of Birth: 01/08/1985
7. Educational Qualifications:



Examination passed	Board/University	Year of passing	Division	Subject
Ph.D.	IARI, New Delhi	2013	I st	Agronomy
M.Sc. Ag.	CSAUA&T, Kanpur	2009	I st	Agronomy
B.Sc. Ag.	RAU, Bikaner	2007	I st	Agriculture
Intermediate	Raj. Board, Ajmer	2002	I st	Biology
High School	Raj. Board, Ajmer	2000	I st	All Compulsory
NET	ASRB (ICAR)	2009	I st	Agronomy
Diploma	AAA, Computer Training Institute, Kanpur (UP)	2008	“A”	Office Automation

8. List of major achievements:

- I have been contributed and published Research papers (45), manual (06), books (04), book chapters (11), extension leaflets & folders (10), technical articles (35) and extended summaries (15).
- Developed 04 new technologies in the area of irrigation management which were included in PoP of state Government and recommended for farmers.
- As Co-PI, implemented 01 research projects sponsored by state
- Received 05 award & recognitions for significant work in agriculture.
- As Course Co-Coordinator conducted two ICAR sponsored 21 days training of scientists of different ICAR institute & SAUs.
- Guided 15 PG and Ph.D. students as major advisor and 27 students as a member of advisory committee.
- Organized 18 conferences/symposium/trainings/workshop as a Co-organizer and member of organizing committees in different years.

9. List of the publications:

Research Papers:						
S.No.	Authors name	Year of publication	Title of the article	Journal's name	Volume, Issue and page number	NAAS rating as per 2025
1.	Dudwal, B.L., Das, T.K. and Dudwal, S.K.	2023	Yield and Nutrient Uptake Influenced by Tillage Crop Establishment and Residue Management in Rice-Wheat Cropping System	<i>International Journal of Economic Plants</i>	10(1):006-011	5.07
2.	Dudwal, B.L., Das, T.K. and Dudwal, S.K.	2022	Productivity of Crops Influenced by Conservation Agriculture Practices in Rice-Maize Cropping System	<i>Frontiers in Crop Improvement</i>	10(VI):3261-3265	4.20
3.	Dudwal, B.L., Das, T.K. and Sharma, A.R.	2022	Yield and Nutrient Uptake Influenced by Conservation Agriculture Practices in Rice-Winter Maize Cropping System	<i>Biological Forum</i>	14(1):554-559	4.96
4.	Dudwal, B.L., Koodi, S., Dudwal, S.K., Choudhary, S. and Choudhary, M.	2022	Iron dynamics in the soil and its importance for plant health.	<i>The Pharma Innovation Journal</i>	11(1): 1342-1344	5.23
5.	Dudwal, B.L., Bijarniya, V.S., Choudhary, S. and Dudwal S.K. Dudwal	2021	Productivity and growth of urdbean influenced by thiourea and phosphorus fertilization under rainfed semi-arid conditions of Rajasthan.	<i>Chemical Science Review and Letters</i>	10(40): 479-485	4.87
6.	Shivran, A.C., Dudwal, B. L., Mittal, G. K.,	2023	Effect of irrigation management on	<i>Agricultural Mechanization in Asia, Africa</i>	54(3):12467-12475	6.40

	Kumawat, G.L., Ram, M., and Mandeewal, R. L.		growth, yield, water use efficiency and economics of fennel (<i>Foeniculum vulgare</i> Mill).	<i>and Latin America</i>		
7.	Singh, Sultan, Jajoria, DK., Dudwal, B.L. , Gaur, K., Sharma, M.K., Verma, R. and Magatapalli, S.	2024	Influence of FYM and vermicompost on pearl millet based intercropping in semi arid region of Rajasthan	<i>International Journal of Research in Agronomy</i>	7(7): 98-101	5.20
8.	Sumersinh, Gelot, Roshan Chuodhary, B. L. Dudwal , A. C. Shivran, Bolta Ram Meena, G. K. Mittal, B. L. Kumhar, Rajesh Choudhary, and Gunjan.	2024	Stimulatory Effect of ZnO Nanoparticles as a Nanofertilizer on Growth and Yield of Pearl Millet (<i>Pennisetum glaucum</i>)	<i>International Journal of Plant & Soil Science</i>	36 (8):1068- 73	5.07
9.	Koodi, S.; Ameta, K.D.; Kaushik, R.A.; Choudhary, A.; Jain, D.; Dudwal, B.L. ; Kumar, U.; Farooq, T.H.; Gulnaz, A.; Al- Sadoon, M.K	2022	The Integrated Approach for Organic and Inorganic Sources of Nutrients to Enhance Performance of Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i> L.) under Sub- Humid Climatic Conditions.	<i>Sustainability</i>	14: 13368	9.30
10.	Dudwal, B.L. , Meena, B.R., Dudwal, S.K., and Shivran, A.C	2021	Transpiration suppressants and their role in climate change scenario in dryland agriculture	<i>The Pharma Innovation Journal</i>	10(10): 2537- 2542	5.23
11.	Koodi, S., Ameta, K.D., Kaushik, R. A., Dubey, R.B., Dudwal, B.L. ,Sarma, S.K., Agrawal, S.	2022	Quality and economics of cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>)	<i>Agricultural Mechanization in Asia, Africa and Latin America</i>	53(7):8933- 8944	6.40

			influenced by combined application of organic and inorganic regimes under semi-arid conditions.			
12.	Choudhary, L., Dudwal, B.L. , Reema, Mandeewal, R.L., Baldaniya J.Z., and Dudwal, S.K.	2022	Impact of Nutrient Omission on Growth, Yield and Quality of Sesame (<i>Sesamum indicum</i> L.).	<i>International Journal of Agriculture Sciences</i>	14(12):12136-12138	4.18
13.	Watsh, S. K., Shivran, A.C., Kumawat, M., Pradhan S. K. and Dudwal, B.L.	2023	Effect of sulphur levels and foliar application of liquid manures on growth and yield of sesame	<i>The Pharma Innovation Journal</i>	12(11): 907-911	5.23
14.	Choudhary, M., Dudwal, B.L. , Choudhary, R., Choudhary, M.S., Choudhary, S., Dhaya, S. and Garg, K.	2022	Effect of Different Doses of Panchgavya on Productivity of Moth Bean [<i>Vigna aconitifolia</i> (Jacq.) Marechal]	<i>Legume Research</i>	45(8): 1054-1058	6.80
15.	Ghosaliya, B.D., Dudwal, B.L. and Bana, R.C.	2021	Weed Dynamics, Growth pattern and productivity of pearl millet (<i>Pennisetum glaucum</i>) as influenced by weed control and residue management practices in rainfed semi-arid region of Rajasthan	<i>Environment and Ecology</i>	39 (4A): 1171-1177	4.87
16.	Bhukhar, O.S., Shivran, A.C., Dudwal, B.L. , Kumawat, P., Singh, K., Doutaniya, R.K. and Kumawat, S.K.	2022	Productivity and Profitability of Indian Mustard (<i>Brassica juncea</i> L.) Influenced by Drip	<i>Indian Journal of Ecology</i>	49(1): 100-104	5.38

			Irrigation and Micronutrient Application Methods.			
17.	Bhattacharyya, R., Das T.K., Sudhishri,S., Dudwal, B. , Sharma, A.R., Bhatia, A., and Singh, G.	2015	Conservation agriculture effects on soil organic carbon crop productivity under a rice-wheat cropping system in the western Indo-Gangetic Plains.	<i>European Journal of Agronomy</i>	70: 11–21	10.50
18.	Dudwal, B.L. , Das, T.K. and Sharma, A.R.	2018	Effect of tillage and residue management on productivity of crops in rice-wheat cropping system	<i>Chemical Science Review and Letters</i>	7(26): 474-478	4.87
19.	Verma, H.P., Sharma, O.P., Kumar, R., Shivran, A.C., Sammauria, R. and Dudwal, B.L.	2018	Quality and yield of wheat as influenced by irrigation scheduling and organic manures	<i>Indian Journal of Agronomy</i>	63 (2): 181-185	5.21
20.	Yadav, S.K., Dudwal, B.L. ,Sarita. and Yadav J.K.	2020	Effect of moisture conservation practices and zinc fertilization on nutrient status and quality of pearl millet (<i>Pennisetum glaucum</i> (L.) under rainfed conditions.	<i>Indian Journal of Agricultural Research</i>	55(5): 629-633	5.60
21.	Kumar, R., Yadav, S.S., Dudwal, B.L. ,Verma, H.P., Balwan and Yadav, N.	2017	Effect of Weed Management and Sulphur Fertilization on Weed Dynamics, Nutrient Depletion of Weed and Productivity of Mustard in Semi	<i>Chemical Science Review and Letters</i>	6(22): 1205-1212	4.87

			Arid Eastern Plain Zone of Rajasthan.			
22.	Dudwal, B.L., Yadav, S.K., Kumar, R. and Meena, R.	2011	Performance and production potential of mustard (<i>Brassica juncea</i> L.) to different levels of irrigation in the central plain zone of Uttar Pradesh.	<i>Agricultural Science Digest</i>	(1): 33 - 37	5.52
23.	Jorwal, M., Dudwal, B.L., Garg, K., Meena, B.L. and Meena, S.	2021	Effect of moisture conservation practices and sulphur fertilization on yield, nutrient uptake and economics in mothbean [<i>Vigna aconitifolia</i> (Jacq.)].	<i>Annals of Agricultural Research New Series</i>	42 (1): 66-74	4.62
24.	Choudhary, Manju., Dudwal, B.L., Choudhary, M.S., Choudhary, Sanju., Garg, K., Bazaya, B.R. and Yadav, S.L.	2021	Effect of panchgavya on growth, yield and quality of mothbean [<i>Vigna aconitifolia</i> (Jacq.) Marechal].	<i>Annals of Agricultural Research New Series</i>	42 (4): 415-421	4.62
25.	Choudhary, S., Yadav, L.R., Dudwal, B.L., Choudhary, M., Bana, R.C. and Lal, B.	2022	Effect of moisture conservation practices on water expense efficiency, water use efficiency and economics of Pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br. emend Stuntz] Hybrids.	<i>The Pharma Innovation Journal</i>	11(2): 455-459	5.23
26.	Meena, B.L., Dudwal, B. L., Garg, K. and Jorwal,	2021	Effect of weed management practices on	<i>Annals of Agricultural Research New Series</i>	42 (1): 75-82	4.62

	M.		growth parameters, yield and economics of clusterbean [<i>Cyamopsis tetragonoloba</i> (L.) Taub]	<i>Series</i>		
27.	Kumawat, L., Jat, L., Kumar, A., Yadav, M., Ram, B. and Dudwal, B.L.	2022	Effect of organic nutrient sources on growth, yield attributes and yield of wheat under rice (<i>Oryza sativa</i> L.) wheat (<i>Triticum aestivum</i> L.) cropping system	<i>The Pharma Innovation Journal</i>	11(2): 1618-1623	5.23
28.	Reema., Dudwal, B.L. , Yadav, L.R., Jat, M.L., JAT 2 and Choudhary, L.	2022	Impact of hydrogel application and zinc fertilization on growth and growth efficiency of pearl millet (<i>Pennisetum glaucum</i> L.)	<i>Current Advances in Agricultural Sciences</i>	14(2): 217-220	4.73
29.	Choudhary, L., Dudwal, B.L. , Reema., Gupta, A., Yadav, A.K. and Choudhary, J.	2022	Productivity and profitability of sesame (<i>Sesamum indicum</i> L.) as influenced by omission of nutrients	<i>Current Advances in Agricultural Sciences</i>	14(2): 221-223	4.73
30.	Choudhary, S., Shivran, A.C., Dudwal, B.L. , Choudhary, M., Jakher, R. and Daroga, S.P.	2022	Effect of Nitrogen and Plant Growth Regulators on Nutrient Concentration and Uptake of Ajwain (<i>Trachyspermum ammi</i> L. Sprague)	<i>International Journal of Plant & Soil Science</i>	34(12): 73-77	5.07
31.	Meena, M., Choudhary, M., Choudhary, M.S., Dudwal, B.L.	2022	Response of Pearl millet [<i>Pennisetum glaucum</i> (L.) R.	<i>Annals of Agricultural Research New Series</i>	43 (2): 168-173	4.62

	Choudhary, S., Garg, K., Tiwari, A.K.		Br. Emend Stuntz] to Potassium Fertilization and Stress Mitigating Chemicals.			
32.	Dudwal, S.K., Singh, S.P., Dudwal, B.L. , Shirakesh and Bochliya, R.	2020	Efficacy of weed control measures in relation to weed dynamics and nutrient uptake.	<i>Research Journal of Agricultural Sciences</i>	11(4): 885-888	4.56
33.	Jorwal, M., Dudwal, B.L. , Garg, K., Meena, B.L. and Meena, S.	2021	Effect of Moisture Conservation Practices and Sulphur Fertilization on Growth, Yield Attributes and Yield of Mothbean [<i>Vigna aconitifolia</i> (Jacq.) Marechal].	<i>International Journal of Current Microbiology and applied sciences</i>	10(03):1152-1161	-
34.	Yadav, S.K., Dudwal, B.L. , Yadav, V.L., Sarita., Yadav, K.C. and Yadav J.K.	2019	Yield and economics of pearl millet (<i>Pennisetum glaucum</i> (L.) as influenced by moisture conservation practices and zinc fortification under rainfed conditions	<i>International Journal of Chemical Studies</i>	7 (2): 1755-1757	-
35.	Meena, B.L., Dudwal, B. L. , Garg, K., Jorwal, M. and Shekhawat, R. K.	2021	Effect of Weed Management Practices on Weed Studies, Yield and Nutrient Depletion in Clusterbean [<i>Cyamopsis tetragonoloba</i> (L.) Taub].	<i>International Journal of Current Microbiology and applied sciences</i>	10(02):3119-3127	-
36.	Shivran, A.C., Yadav, S.S., Sharma, O.P..	2015	Response of phosphorus,	<i>International Journal of</i>	5(2): 49-54	3.71

	Yadav, L.R., Dudwal, B.L. and Meena, O.P.		phosphate solubilising bacteria and zinc on yield and quality of blond psyllium (<i>Plantago ovate</i> Forsk)	<i>Spices</i>		
37.	Yadav, S.K, B. L. Dudwal. , Hansa Choudhary., Sarita and Yadav, L. C.	2020	Impact of Moisture Conservation Practices and Zinc Fertilization on Growth Parameter, Yield Attributes and Yield of Pearlmillet [<i>Pennisetum</i> <i>glaucum</i> (L.)] under Limited Moisture Conditions.	<i>International Journal of Current Microbiology and applied sciences</i>	9(02): 2565- 2572	-

BOOKS:

S. No.	Author(s)	Title of book	Name of publisher	ISBN No.	Publising Year
1.	Dudwal, B.L. and Dadrwal, B.K.	Advance Approaches for Agricultural Production	<i>AkiNik Publications</i>	978-93-5570-610-2	2023
2.	B.L. Dudwal, B.K. Daderwal, K. Choudhary, H. Shivran, S.R. Samota&S.K.Singh	Recent Trends in Sustainable Agriculture	<i>The Agriculture Publication</i>	978-93-94142-08-4	2022
3.	Dudwal, B.L.	Direct seeded rice	<i>Lambert, Academic Publishing</i>	978-3-659-27785-6	2012
4.	Yadav, L.R. and Dudwal, B.L.	BARANI KHETI: Technology Prospects for the Rajasthan	<i>DOR, SKNAU, Jobner</i>	DOR/2014/1	2014
5.	Dudwal, B.L.	Biochar	<i>Lambert, Academic Publishing</i>	978-3-659-31042-3	2012

MANUALS:

S. No.	Authors	Title of Manual	Publising Year
1. 1.	B.L. Dudwal, A.C. Shivran and D.K. Jajoriya	Practical manual on Principles of Organic Farming.	2020
2. 2.	B.L. Dudwal, A.C. Shivran, D.K.	Practical manual on Rainfed Agriculture and Watershed Management.	2020

	Jajoriya and B.R. Meena		
3.3.	B.L. Dudwal , L.R. Yadav, S.S. Yadav and A.C. Shivran.	Practical manual on Introductory Agriculture and Principles of Agronomy	2016
4.4.	S.S. Yadav, L.R. Yadav, O.P. Sharma, B.L. Dudwal and A.C. Shivran	Practical manual on Field Crops (Rabi)	2016
5.5.	L.R. Yadav, S.S. Yadav, B.L. Dudwal , B.R. Meena and Priyanka Kumawat	Practical manual on Fundamentals of Agronomy	2017

Book Chapters:

S. No.	Author(s)	Title of chapter	Name of publisher	ISBN No.	Publishing Year
1.	Dudwal, B.L.	Impact of Covid-19 on Indian Agriculture	S Sharda Global Research Publications	978-81-954790-2-3	2023
2.	Dudwal, B.L. , Choudhary, R. and Shivran, A.C.	Modern Agriculture: Empowering sustainable food security through organic farming	Agrobios Research	978-93-49045-28-6	2025
3.	Dudwal, B.L. and Shivran, A.C.	Crop diversification and strategies for adaptation to climate Change in rainfed areas	Anu Books	978-81-936088-2-1	2018
4.	B. R. Meena, H. S. Jatav. and B. L. Dudwal.	Fertilizer Recommendations by Using Different Geospatial Technologies in Precision Farming or Nanotechnology	Nova Science Publishers, Inc.	978-1-68507-614-6	2022
5.	Mandeewal, R. L., Shivran, A. C., Kumawat, G. L. and Dudwal, B. L.	Importance of drip irrigation system in wheat cultivation	Bhumi Publishing, India	978-93-91768-74-4	2022
6.	Shivran, A.C., Dudwal, B.L. , Singh., D. and Mittal G.K.	Constraints and strategies in adoption of micro irrigation and fertigation for quality spice production	AICRP, Spices	Book of lead papers	2015
7.	Dudwal, B.L. , Choudhary, R., Dadrwal, B.K. and Dudwal S.K.	Dryland agriculture: Indian scenario	AkiNik Publications	978-93-5570-610-2	2023
8.	Choudhary, R., Sharma, S.K., Dudwal, B.L. , Verma, A. and Dudwal S.K.	Weed management in organic farming	AkiNik Publications	978-93-5570-610-2	2023
9.	Jakhar, A., Dudwal, B.L. and Jakhar, R.	Integrated weed management for agricultural production	AkiNik Publications	978-93-5570-610-2	2023
10.	Choudhary, S., Dudwal, B.L. , Jakhar, A. and Choudhary, A.	Precision farming for improving resource use efficiency in agriculture.	AkiNik Publications	978-93-5570-610-2	2023

Popular Articles:

S.No.	Citation
1.	Dudwal, B.L. , Shivran, A.C. and Dudwal, S.K. 2022. Measures to increase

	productivity of pearl millet. <i>Kheti</i> 11(74)p _p 43-44.
2.	Dudwal, B.L. , S., Koodi and Dudwal, S.K. 2022. Conservation agriculture for sustainability in farming. <i>The Royal Science Magazine</i> 1(2) 25-28.
3.	Dudwal, B.L. , Meena, B.R. Singh, S., Koodi, S. and Dudwal, S. 2022. Contingent Crop Planning for Aberrant Weather Conditions in Dry lands. <i>Just Agriculture</i> 2(6) 1-4.
4.	Dudwal, B.L. and Dudwal, S.K. 2021. Crop planning in dryland areas for sustainability and higher production. <i>Rajasthan Kheti</i> 22(8)p _p 34-35.
5.	Meena, B.R. and Dudwal, B.L. 2021. Precision Farming: their tools and techniques. <i>Just Agriculture</i> 1(2) 1-11.
6.	Ola, Rajendra., Kumawat, G.L., Shivran, A.C. and Dudwal, B.L. 2021. Increasing income through timely insect and disease management in dryland pearl millet. <i>Jobner Krishi</i> 6(9) p _p 4-6.
7.	Dudwal, B.L. , Shivran, A.C., Choudhary, Roshan., Meena, B.R. and Dudwal, S.K. 2021. Principle and objectives of organic farming. <i>Jobner Krishi</i> 6(8)p _p 2-3.
8.	Choudhary, Roshan., Sharma, S.K., Dudwal, B.L. and Choudhary Rajesh. 2021. Need of organic farming in 21st century. <i>Jobner Krishi</i> 6(9)p _p 4-6.
9.	Meena, B.R. Dudwal, B.L. , Choudhary, Roshan., Jajoria, D.K. and Yadav, S. 2021. Nutrient management in kharif crops. <i>Harit Ktanti</i> 44(4) 4.
10.	Dudwal, B.L. , Shivran, A.C., Yadav, L.R., Jajoriya, D.K. and Dudwal, S.K. 2021. Bajra Ugaaye, Khaaye evm Swaaste laabh kamaaye. Souvenir, Kisan Mela held at SKNAU, Jobner on 22-26 February, 2021 pp. 25-26.
11.	Choudhary, S. Choudhary, M. and Dudwal, B.L. 2018. Precautions during use of chemical herbicides <i>Krishi Goldline</i> 11(5):5.
12.	Choudhary, S., Dudwal, B.L. , Choudhary, M. and Lal, B. 2018. Baajre ki unnat kheti <i>Krashak Jagat</i> : 18.7.2018.
13.	Dudwal, B.L. , Kumar, R. and Dudwal, S.K. 2018. Monsoon ki visham pristhithiyon mai kheti karna. Souvenir: Kisan Mela held at SKNAU, Jobner on 27 February, 2018 pp. 67-68.
14.	Choudhary, S. and Dudwal, B.L. 2018. Pashu aahar mai protein ka srotra Azolla <i>Krashak Bharati</i> : May, 2018.
15.	Choudhary, S., Dudwal, B.L. and Jat, S.L. 2018. Soil testing and its benefits <i>Haldher times</i> 13(12): 6.
16.	Dudwal, B.L. , Shivran, A.C. and Dudwal, S.K. 2017. Krishi mai jalprabandhan ki naveentum dakstha purantaknikayee. Souvenir, Kisan Mela (Oilseed) held at SKNAU, Jobner on 4 March, 2017 pp. 35-36.
17.	Choudhary, S. and Dudwal, B.L. 2018. Maru khetramai saunf ki unnat kheti <i>Krishi Goldline</i> 10(8):6.
18.	Kumar, R., Dudwal, B.L. and Verma, H.P. 2017. How to do Integrated weed management. <i>Shristi Agro</i> , pp 3.
19.	Yadav, L.R, Yadav, S.S., Sharma, O.P. and Dudwal, B.L. 2016. Krishi me tikaupan ke liye jaivik kheti apnaye. Souvenir, Kisan Mela (Oilseed) held at SKNAU, Jobner on 3-4 March, 2016
20.	Kumar., R. Dudwal, B.L. and Verma, H.P. 2017. Importance of summer ploughing. <i>Krishi Goldline</i> , pp 3
21.	Dudwal, B.L. and Shivran, A.C. 2016. Neem Tree and its importance. <i>Jobner Krishi</i> , pp 3-4.
22.	Shivran, A.C., Meena., O.P., Yadav, S.S. and Dudwal, B.L. 2015. Weed management in major kharif crops. <i>Jobner Krishi</i> , pp 2-3
23.	Dudwal, B.L. , Jhahhria, A. and Prasad, D. 2014. Vermi-composting and sustainability of agriculture. <i>Rajasthan Kheti</i> , pp 16-17.

24.	Dudwal, B.L. and Kanwer, Jyoti. 2014. Water harvesting Techniques to improve crop productivity in rainfed areas. <i>Agrobios Newsletter</i> XIII(03) : 98-99.
25.	Dudwal, B.L. ,Jhahria, A. and Kanwer, J. 2013. Micronutrients in crop production. <i>Readers Shelf</i> 9(9): 4-6.
26.	Kanwer, Jyoti and Dudwal, B.L. 2012. Establishment and management of Hi-Tech nursery, Seema Sandesh, News paper.
27.	Dudwal, B.L. , Kakraliya, B.L. and Meena, B.R. 2022. Farming of pearl millet for green fodder in summer season. Souvenir, Agri-expo held at SKNAU, Jobner on 28-30 March, 2022.
28.	Choudhary, R. and Dudwal, B.L. 2023.Gajarghas (<i>Parthenium hysterophorus</i>): Problems to farmers and control measures. <i>Jobner Krishi</i> , pp 2-3