



**Dr. J. D. Dobaria**

**Qualification :** Ph. D.

**Designation :** Agriculture Officer

**Experience :** 9 Years

**Specialized Subject :** Biochemistry

**Personal Details :**

**E mail** jalpadobaria@aau.in

<b>Research publications</b>	Research papers published	09
	Paper presented at symposia/seminar	02
	Books	01
	Laboratory Manual	02

### **Membership in Scientific Organizations**

1.	Life Member Ship Indian J of Agricultural Biochemists, Kanpur, Life membership no. L-192.
2.	Life membership of the Vigyan Bharti, Gujarat Unit, Life member no. 6

### **Research Paper List**

<b>Sr. No.</b>	<b>Title</b>
1	<b>J D Dobaria</b> , M K Mandavia, S V Patel and B A Golakiya (2013). Separation of secondary metabolites from <i>Peucedanum dhana</i> (Bhojraj), a rare herb. <i>Indian J Agric Biochem</i> , <b>26</b> (2), 160-166.
2	<b>J D Dobaria</b> , S V Patel, S S Raval, M K Mandavia and B A Golakiya (2015). Separation of phytochemicals from <i>peucedanum nagpurens</i> by using sepbox and GCMS. <i>Journal of Cell and Tissue Research</i> , Vol. 15(3) 5275-5281.
3	Z R Acharya, M D Khanapara, V B Chaudhari and <b>J D Dobaria</b> . (2017). Exploitation of heterosis in pearl millet [ <i>Pennisetum glaucum</i> (L.) R. Br.] for yield and its component traits by using male sterile line. <i>Int. J. of Cur. Micro. and Appl. Sci.</i> 6:12, 750-759.
4	T H Farooq, U Kumar, A Shakoor, G Albasher, S Alkahtani, H Rizwana, M Tayyab, <b>J D Dobaria</b> , M I Hussain, P Wu. (2021). Influence of intraspecific competition stress on soil fungal diversity and composition in relation to tree growth and soil fertility in sub-tropical soils under chinese fir monoculture. <i>Sustainability</i> , 13, 10688.
5	D Sing, T S Dhillon, T Javed, R Singh, <b>J Dobaria</b> , S K Dhankhar, F Kianersi, B Ali, P Poczai, U Kumar. (2022). Exploring the genetic diversity of carrot genotypes through phenotypically and genetically detailed germplasm collection. <i>Agronomy</i> , 12, 1921.

6	S R Parmar, J J Dhruv and <b>J D Dobaria</b> (2023). Effect of seed priming on morphological characters with melatonin and nematicide in tomato ( <i>Solanum lycopersicum</i> L.) The Pharma Innovation Journal. 12(12): 2155-2159.
7	<b>J D Dobaria</b> , J J Dhruv, S R Parmar and N J Patel (2023). Effect of exogenous silicic acid on germination and seedling establishment in brinjal. <i>Indian J Agric Biochem</i> 36 (2): 177-182, 2023.
8	G K Yadav, S K Dadhich, R K Yadav, R Kumar, <b>J D Dobaria</b> , B A Paray, S W Chang, B Ravindran. (2023). Impact of biomass recycling and fertilization on soil microbiological characteristics and wheat productivity in semi-arid environment. <i>Agronomy</i> , 13, 1054.
9	<b>J D Dobaria</b> , J J Dhruv and Mihir Pandya (2024). Evaluation of biostimulants effect on various parameters and its relation to insect-pest infestation on two genotypes of Brinjal, <i>Int. J. of Adva. Biochem. Res.</i> , 8 (6): 373-380.