Dr Jaya Chaudhary
Scientist

Specialization: Plant Pathology
Mobile: 7018055345
E.mail: jayacdry@gmail.com

Ongoing Research Projects

- Out Scaling of Natural Farming through Krishi Vigyan Kendra Chamba funded by Ministry of Agriculture, Government of India (Co-Principal Investigator).
- Cluster Front Line Demonstration Krishi Vigyan Kendra Chamba funded by Indian Council of Agricultural Research (Co-Principal Investigator).
- NICRA funded by Ministry of Agriculture, Government of India (Co - Principal Investigator).
- CFLD on Oilseeds funded by Indian Council of Agricultural Research (Co - Principal Investigator).
- HP-HDP, Pest Surveillance and Forecasting and Forewarming system under HP-HDP

Important Research Publications

- Banyal DK, Dixit H, Chaudhary J, Malannavar AB and Thakur N. 2022. Deciphering diversity at *er* loci for diversification of powdery mildew resistance in pea. *Scientific Reports*:12
- Chaudhary J and Banyal DK. 2013. Effect of environmental factors on Phytophthora nicotianae var. nicotianae and evaluation of bell pepper germplasm. *Indian Phytopathology* **66**(1):41-45
- Chaudhary J and Banyal DK. 2013. Status and distribution of Phytophthora leaf blight and fruit rot of Capsicum in Himachal Pradesh and management through fungicides. *Indian Phytopathology* **66**(2):135-139
- Chaudhary J and Banyal DK. 2013. Growth and sporangial production in Phytophthora nicotianae var. nicotianae. *Himachal Journal of Agricultural Research***39**(1):83-85
- Banyal DK, Singh A, Upmanyu S, Chaudhary J and Sharma PN. 2014. Diversity analysis of Erysiphe pisi populations causing pea powdery mildew in Himachal Pradesh. *Indian Phytopathology* **67**(3):263-267
- Chaudhary J, Banyal DK and Sharma PN 2015. Variability in Phytophthora nicotianae var. nicotianae causing leaf blight and fruit rot on sweet pepper (*Capsicum annuum*) in North-Western Himalayas. *Indian Phytopathology* **68**(2):172-178
- Banyal DK, Chaudhary J and Singh A. 2015. Evaluation of pea (*Pisum sativum*) germplasm for inheritance of resistance to powdery mildew (*Erysiphe pisi*). Indian Phytopathology **68**(2):166-171
- Chaudhary J and Banyal DK. 2016. Study of inheritance of resistance to powdery mildew of pea using different isolates of *Erysiphe pisi*. *Indian Phytopath* **69**(4s):116-120
- Chaudhary J and Banyal DK. 2017. Evaluation of pea genotypes for resistance against powdery mildew caused by *Erysiphe pisi*. *Indian Phytopath***70**(1):69-74
- Chaudhary J and Banyal DK. 2017. Study of slow mildewing components of powdery mildew of pea caused by *Erysiphe pisi*. *Pl. Dis. Res* **31**(2):138-141

Awards & Recognitions

- Qualified ASRB-NET, 2014
- Merit Schlolarship in Ph.D.
- Best Poster award by Indian Phytopathological Society, New Delhi, India during International Conference on Plant, Pathogens and People, Challenges in Plant Pathology to benefit humankind w.e.f 23 - 27 February, 2016