


Name	: <b>Dr. Vijay Kumar</b>	
Designation	: Jr. Scientist/Asstt. Professor (Soil Science)	
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Professional Experience	: 9 Years	
Awards/honours/ scholarships/fellowships	: Gold Medallist in M. Sc. (Agricultural Chemistry)	
Area of Specialization	: Soil Science & Agricultural Chemistry	
Research Interests	: Soil & water conservation, Carbon management, Soil aggregation and Soil health management in horticulture crops	
Total no. of Publications (referred journals)	: 18	
Selected Publications (Best Five)	: <ul style="list-style-type: none"> <li>• <b>Vijay Kumar</b>, Vijay Bahadur Singh and Neeraj Gupta 2012. Effect of foliar application of NPK on the growth of Jatti Khati (<i>Citrus Jambhiri Lush</i>) seedlings under rainfed areas. <i>Environment and Ecology</i> <b>30</b> (2): 259-261.</li> <li>• <b>Vijay Kumar</b> 2014. Effect of different organic mulching materials on soil properties of NA '7' aonla (<i>Emblica officinalis</i> Gaertn) under rainfed condition of Shiwalik Foothills of Himalayas India. <i>The Bioscan</i> .<b>9</b> (1):561-564.</li> <li>• Inder Jeet Sharma and <b>Vijay Kumar</b> 2014. Effect of Biofertilizer and Inorganic Fertilizer on Seed Yield and Yield Components of Okra (<i>Abelmoschus esculentus</i> (L.) Moench) under Sub-Tropical Areas. <i>Environment &amp; Ecology</i>. <b>32</b> (3A): 1005-1009.</li> <li>• Inder Jeet Sharma, R. K. Samnotra and <b>Vijay Kumar</b> (2014). Effect of bio and chemical fertilizers on dry matter production, nutrient uptake and microbial population of okra (<i>Abelmoschus esculentus</i> (L.) Moench). <i>The Ecoscan</i>. <b>8</b>(1&amp;2): 41-45.</li> <li>• <b>Vijay Kumar</b>, A.K. Bhat, Vikas Sharma, Neeraj Gupta, Priyanka Sohan and V.B. Singh (2015). Effect of Different</li> </ul>	

		Mulches on Soil Moisture, Growth and Yield of Eureka Lemon ( <i>Citrus limon Burm</i> ) Under Rainfed Condition. <i>Indian Journal of Dryland Agricultural Research and Development</i> . <b>30</b> (1): 83-88.				
No. of books /Manuals/ Monographs	:	7				
Research Projects as PI/ Nodal officer	:	Title	Fundin g Agenc y	Period		Status (Ongoing/Complete d)
				From	To	
Other achievement if any (Please specify)	:	<p>➤ <b>Management of soil moisture in Eureka lemon under rainfed sub-tropics:</b> Management of soil moisture conservation techniques during hot and dry season and its locally available organic materials like branker (<i>adhotada vassica</i>) mulches increased the soil moisture status for 13 to 18 % higher than control in the standing crop of Eureka lemon.</p> <p>➤ <b>Improvement of soil health in Eureka lemon under rainfed sub-tropics:</b> Improvement of soil health through organics mulches materials like branker (<i>adhotada vassica</i>) in locally available and biodegradable nature mulch enhance the organic carbon and available nutrients status of soil for 29 % OC and (8.83 % N, 10.81 % P and 8.44% K respectively higher than control in the standing crop of Eureka lemon.</p>				