


Profile of Dr Ram A Jat

	<p>Name: DrRam A Jat Designation: Principal Scientist (Agronomy) Date of Birth: 12.07.1979 Area of Specialization: Conservation Agriculture for oilseed and pulse-based cropping systems for sustainable crop intensification; Irrigation water management for resource conservation; Integrated plant nutrient management for system productivity enhancement and sustainability; Context specific cropping system research for crop diversification and intensification. Email ID: ramavatar.jat@icar.gov.in ; rajatagron@gmail.com ERP ID:017039 Mobile: +91-9106990047; Phone: 0744-2462642 ; Fax:0744-2462642</p>
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Detail Profile

Education

Degree	Year of Passing	University/Institution
Ph.D. (Agronomy)	2006	Indian Agricultural Research Institute, New Delhi
M.Sc. (Agronomy)	2002	Indian Agricultural Research Institute, New Delhi
B.Sc. (Ag.) Hon.	2000	Rajasthan Agricultural University, Bikaner

Professional History

Position	Year	Organization
Principal Scientist (Agronomy)	February, 2021 to till date	ICAR-Indian Institute of Soil & Water Conservation, Research Centre, Kota
	December, 2019 to February, 2021	ICAR-Indian Institute of Soil & Water Conservation, Research Centre, Vasad, Anand
	May, 2018 to December, 2019	ICAR-Directorate of Groundnut Research, Junagadh
Senior Scientist (Agronomy)	May, 2012 to May, 2018	ICAR-Directorate of Groundnut Research, Junagadh
Visiting scientist	July, 2010 to May, 2012	ICRISAT, Patancheru, Hyderabad
Assistant Professor (Agronomy)	April, 2008 to July, 2010	Navsari Agricultural University, Navsari
Agronomist	May, 2006 to March, 2007	The Fertilizer Association of India, New Delhi

Publications (summary)

S. No.	Publication	Number
1	Research Publications	34
	National	9
	International	25
2	Books	
	Authored	1
	Edited	1
3	Book Chapters	3

4	Lead Papers	0
5	Radio/TV talks	2
6	Technical/Research Reports/ Compilation / Bulletins	21
7	Extension Folders/leaf lets	20
8	Symposia/Workshop/Seminar Papers	15
9	Popular article	13
10	Professional Trainings attended	8
11	Consultancy project handled (Leader in 0 & Associated in 0)	0
12	No. of training organized	5
	Short duration sponsored training (Trained : 0)	0
	Soil Conservation Regular Training Course: (5 ½ or 4 months duration) (Trained: 0)	0
	B.Tech students Field Practical training- one to two months (No Students: 0)	0
13	Seminars/Symposia/Workshops/Summer or Winter School/ Organized	3
14	External projects handled	3

Most important 5 Publications

1. **Jat, R.A.**, Reddy, K.K, Choudhary, R.R., Rawal, S., Thumber, B., Misal, N., Zala, P.V., and Mathukia, R.K. 2021. Effect of conservation agriculture practices on soil quality, productivity, and profitability of peanut-based system of Saurashtra, India. *Agronomy Journal*. DOI: 10.1002/agj2.20534

2. **Jat, R.A.**, Wani, S.P. and Sahrawat, K.L. 2012. Conservation agriculture in the semi-arid tropics: prospects and problems. In D. L. Sparks (Ed.), *Advances in Agronomy*. 117:191–273.

3. **Jat, R.A.**, Craufurd, P, Sahrawat, K.L. and Wani, S.P. 2012. Climate change and resilient dryland systems: experiences of ICRISAT in Asia and Africa. *Current Science*.102 (12): 1650-59.

4. **Jat, R.A.**, Dungrani, R.A., Arvadia, M.K. and Sahrawat, K.L. 2012. Diversification of rice (*Oryza sativa* L.)- based cropping systems for higher productivity, resource-use efficiency and economic returns in South Gujarat, India. *Archives of Agronomy and Soil Science*. 58 (4–6): 561–572.

5. **Jat, R.A.**, Kanwar L. Sahrawat and Amir Kassam. 2014. Conservation Agriculture- Global prospects and Challenges. CAB International, UK ISBN-13: 9781780642598. pp. 384.

Google Scholar link

https://scholar.google.com/citations?view_op=list_works&hl=en&user=jbsSmYAAAAAJ

ResearchGate link

<https://www.researchgate.net/profile/Ram-Jat-6>

Awards/Fellowships/Recognitions

S. No.	Name of the Award/Fellowship /Recognition	Awarding organization	Year of award
1.	Young Agronomist Award	The Indian Society of Agronomy	2021
2.	Distinguished Scientist award in the discipline of Agronomy	Society for Scientific Development in Agriculture & Technology	2018
3.	Recognised for PG teaching	JAU, Junagadh	2013
4.	<i>Shree Dheeru Morarji</i> Memorial award for best article	The Fertilizer Association of India, New Delhi	2011
5.	<i>Shree Ram KhadPatrika</i> award for best article	The Fertilizer Association of India, New Delhi	2009
6.	Senior Research Fellowship	Indian Agricultural Research Institute, New Delhi	2002
7.	Junior Research Fellowship	Indian Council of Agricultural Research, New Delhi	2000

Research Projects as PI (On-going)

1. Evaluating different tillage and residue management practices under supplementary irrigation in blackgram-mustard cropping system. **(Institute Funded)**

Research Projects as PI (Concluded)

2. Development of climate resilient groundnut production systems through precision management practices.
3. Development of Technologies for Enhancing Resource Use Efficiency in Groundnut-based Cropping Systems.
4. Development of Conservation Agriculture Technologies for Groundnut-based Cropping Systems.
5. Developing Climate Change Resilient and Sustainable Groundnut-Based Cropping Systems through Conservation Agriculture for Saurashtra Region of Gujarat. **(DST funded)**

Other important responsibility

1. OIC, Research Farm

Consultancies

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