

Swami Keshwanand Rajasthan Agricultural University, Bikaner

ANNUAL PERFORMANCE APPRAISAL REPORT

Year: 2019-20

I. GENERAL INFORMATION

Name	:	Mr. Rajendra nagar
Father's Name	:	Shri Gobri Lal Nagar
Mother's Nmae	:	Smt. Sukhi Bai Nagar
Date of Birth	:	21 June, 1986
Designation	:	Subject Matter Specialist (Entomology)
Pay Scale	:	15600-39100 (G.P. 5400) as per 6 th Grade Pay
Present pay	:	Rs. 22,180/- (Fixed)
Faculty	:	Krishi Vigyan Kendra, Chandgothi, Churu
Discipline	:	Entomology
Area of Specialization	:	Applied Entomology, Taxomonic and IPM
Present place of Posting with full official address and Residential address,	:	<u>Official address :</u> Krishi Vigyan Kendra, Chandgothi-331305 Churu <u>Residential address :</u> Mr. Rajendra Nagar VPO-Jainagar, TEHSIL-Antah, DISTRICT-Baran, Rajsathan-325209
Phone/Contect No.	:	Contact No -9950907203; 7568060085
Post held during the year	:	Subject Matter Specialist (Entomology)
Date of Joining	:	17-04-2018
Period on leave without pay	:	00

during the year (P.L./L.W.P.)		
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Academic Qualification-

Name of Examination	Year of Passing	University/ Board	Percentage Marks	Division/ Distinction	Specialization in Ph. D/ M. Sc.
B. Sc. Agriculture (Honours)	2007	R. A.U., Bikaner (Raj)	61.60%	First	
M.Sc. (Ag.) Entomology	2009	B.U. Jhansi (UP.)	76.22%	First	Applied Entomology
RS-CIT Diploma	2013	V. M. O. U., Kota	67.00%	First	
ICAR, NET	2013	A.S.R.B., New Delhi	56.00%	First	

II. ACTIVITIES APPROVED AND ACCOMPLISHED (Priority-wise)

Detail report on progress made during the year 2018-2019 (From 01/04/2019 to 31/03/2020) under the guidance of Senior Scientist and Head, KVK, Chandgothi (SKRAU, Bikaner) following work was carried out by me. The details are as following-

S. No.	Planned/Target activities	Work performed details-
1.	On Campus training	Six on campus trainings were conducted, by which total 127 farmers, rural youth and farm women benefited. The topic of trainings entitled:- 1. Integrate Insect pest and Disease management in groundnut 2. Integrate Insect pest and Disease management in kharif pulses 3. Integrated Insect pest and disease managemet in Chickpea 4. Integrated Insect and disease managemet in Mustard 5. Integrated insect pest management in gram (ATMA) 6. Integrated insect pest and disease management in mustard (ATMA)
2.	Off campus training	Six off campus trainings were conducted in various villages of Churu on different aspects of agriculture written as below- 1. Insect pest of storage and their management 2. Seed treatment of <i>Kharif</i> pulses crops 3. Insect and disease management in Groundnut 4. Biological control of gram pod borer in Chickpea 5. Pest management of mustard 6. Management of gram pod borer in Chickpea On the above entitled training programmes total 116 farmers, farm women and rural youth were benefited.
3.	Coordination with	1. Established different demo unit at KVK farm. 2. Need assessment of the FLDs and OFTs conducted by other SMS.

	other SMS(s)	3. Impact assessment of FLDs of last five years. 4. Publication of popular articles and extension folders of other disciplines. 5. Important official reports were timely prepared with other SMS.
4.	Patent	New Species: <i>Cacoplistes (Laminogryllus) latioribus</i> Meena, Swaminathan & Nagar, 2019; Taxon Name: 508120
5.	Seed production	Total 178.32 q seed was produced at KVK farm during <i>kharif</i> and <i>rabi</i> 2019-20. Details are as under 1. Greengram (Var. MH 421) : 26.30 q 2. Clusterbean (Var. RGC 1033) : 42.09 q 3. Mustard (Var. RGN 229) : 67.74 4. Chickpea (Var. GNG 2144) : 14.55 q 5. Wheat (Var. Raj. 4238) : 12.12 q 6. Barley (Var. RD 2715) : 15.52 q
6.	Important day and Week Celebration	1. Celebrated “World Soil day” 2. Celebrated “International Yoga day” 3. Celebrated Kisan Samman Divas 4. Celebrated Kisan & Vigyan Divas 5. Celebrated “International woman day” 6. Celebrated Svachchhta Abhiyan 7. Celebrated 150 th Mahatma Ghandhi Jayanti 8. Celebrated NADPC Programme 9. Celebrated University (SKRAU) Establishment Day
7.	Farmers contacted/ visited KVK	Total 720 farmers contacted/visited KVK and benefitted by solving their problems related seed rate, crop varieties, weed management, water management and nutrient deficiency of different crops through personal contact and telephonic talk. Total 190 advisory was also delivered through social media like facebook, whatsapp and message.
8.	Scientist visited at farmers field	In different villages of Rajgarh, Taranagar and Churu Tehsil visited CFLD, FLD, OFT and other visits at farmer’s field and discussed about various aspect and problems of total 150 farmers. Total 35 Diagnostic visits at farmer’s field were also made and diagnosed the problem of 125 farmers and given appropriate suggestion.
9.	On-farm trial / First line demonstration	1. Management of sucking pest in Gaur through botanical pesticide. 2. Management of pod borer in Chickpea Total 20 farmers covered in 8 ha. area.
10.	Front Line Demonstration (FLD/CFLD)	1. Total 325 cluster front line demonstrations (CFLD) conducted on in 140 ha. area of Churu. Details are as under ➤ Greengram:- 25 demo in 10 ha area ➤ Mothbean : 50 demo in 20 ha area ➤ Groundnut : 50 Demo in 20 ha area ➤ Clusterbean : 25 Demo in 10 ha area ➤ Bajra : 25 demo in 10 ha area ➤ Chcikpea : 50 demo in 20 ha area ➤ Mustard : 100 demo in 50 ha area

		2. Total 175 cluster front line demonstrations (CFLD) conducted on in 70 ha. area of Churu. Details are as under (ATMA) ➤ Mustard : 25 demo in 10 ha area ➤ Wheat : 75 Demo in 30 ha area ➤ Barley : 25 demo in 10 ha area ➤ Chickpea : 50 demo in 20 ha area
11.	Extension activities	1. Field days- 05 field days were organized in which 267 farmers were benefited. Details are as under ➤ Greengram var. MH 421 at Dingli village on 25-09-19 ➤ Mothbean var. RMO 257 at Nethwa village on 26-09-19 ➤ Mustard DRMR IJ 31 at Dingli village on 26-02-20 ➤ Chickpea GNG 1958 at Nethwa village on 02-03-20 ➤ Chickpea GNG 1958 at Bhamara village on 06-03-19 Total 267 farmers and farm woman were benefited. 2. Farm School-03 (ATMA) Rabi-2019-20 ➤ Wheat var. RAJ-4248 at Nethwa village ➤ Wheat var. RAJ-4248 at Navrangpura village ➤ Wheat var. RAJ-4248 at Utwaliya village Total 320 farmers and farm woman were benefited. 3. Benchmark survey of 100 farmers of adopted village Bas Mamraj under doubling the farmer's income. 4. Organized "Jal Shakti Abhiyan" farmers fair in which 680 farmers attended and benefited. 5. Organized five Kisan Gosthi and 125 farmers were benefited. 6. Four Kisan Chaupal were organized at different villages in which 85 farmers were benefited. 7. One farmer scientist interaction was organized and 25 farmers were benefited. 8. Total 25 film shows were also done and 1000 farmers were benefited. 9. One plantation programme was organized on 17th Sept, 2019.
12.	Lectured delivered in sponsored training	Total 25 lectures were delivered in sponsored training and 687 farmers were benefited. Details are as under 1. Major insect pest and disease management in mustard on 11th October-2019 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 2. Integrated disease management in gram and mustard (Farmer Scientist Interaction <i>Rabi-2019-20</i>)" on 16th October, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 25 farmers benefited. 3. Integrated pest management in gram and mustard (Farmer Scientist Interaction <i>Rabi-2019-20</i>)" on 17th October, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 25 farmers benefited. 4. Importance and methods of seed treatment in rabi field crop (Farmer Scientist Interaction <i>Rabi-2019-20</i>)" on 17th October, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 25

		farmers benefited. 5. Management of major insect pest in vegetable” on 18th October, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 25 farmers benefited. 6. Management of major disease in fruit” on 19th October, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 25 farmers benefited. 7. Spray of insecticide for micro irrigation system” on 17th February, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 28 farmers benefited. 8. Management of major insect pest in Lemon, Ber and Guava ” on 20th January, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 28 farmers benefited. 9. Management of pod borer in gram” on 20th January, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 28 farmers benefited. 10. Management of insect pest in pulses crop” on 21st January, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 28 farmers benefited. 11. Management of termite in wheat” on 22nd January, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 12. Integrate pest management in gram and mustard” on 23rd January, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 13. Management of insect pest and disease in pulses crop” on 10th February, 2020 (World Pulses Day) at Khundiya ka bas Village sponsored by, Agriculture Dept., Churu. Total 30 farmers benefited. 14. Management of pest in gram and wheat” on 19^h February, 2020 (Soil Health Card Day) at Hamirwas Village sponsored by, Agriculture Dept., Churu. Total 30 farmers benefited. 15. Insect pest of storage and their management in wheat” in Farm school at Nethwa, Taranagar on 21st February, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 16. Management of termite in wheat” in Farm school at Nethwa, Taranagar on 2nd 1th January, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 17. Control measure of disease in wheat” in Farm school at Nethwa, Taranagar on 26th November, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 18. Importance and methods of seed treatment in wheat” in Farm school at Nethwa, Taranagar on 17th November, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 19. Management of storage grain insect pest in wheat” in Farm school at Utawaliya, Churu on 12th February, 2020 sponsored by ATMA,
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		Agriculture Dept., Churu. Total 24 farmers benefited. 20. Management of termite in wheat” in Farm school at Utawaliya, Churu on 01st December, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 24 farmers benefited. 21. Seed treatment in wheat and Importance” in Farm school at Ghanghu, Churu on 28th November, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 24 farmers benefited. 22. Management of storage grain insect pest in wheat” in Farm school at Novranpura, Rajgarh on 28th February, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 27 farmers benefited. 23. Management of insect pest in wheat” in Farm school at Basamra Novranpura, Rajgarh on on 30th November, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 27 farmers benefited. 24. Management of major disease in wheat” in Farm school at Novranpurj, Rajgarh on 19th January, 2020 sponsored by ATMA, Agriculture Dept., Churu. Total 27 farmers benefited. 25. Seed treatment in wheat and Importance” in Farm school at Novranpura, Rajgarh on 20th November, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 27 farmers benefited.
13.	Publication	➤ Research paper – 03 ➤ Popular article - 05 ➤ Extension folders -08 ➤ Pumplet-02 Detail of Research paper below- 1. Meena, A.K., Nagar, Rajendra & Swaminathan, R. (2019) A new species of the cricket genus, <i>Cacoplistes</i> from Rajasthan, India (Orthoptera: Phalangopsidae: Cachoplistinae: Cachoplistini). <i>Zootaxa</i>, 4700: (4)479–486. (NAAS Rating 6.93) 2. Kuldeep Kumar , R. Swaminathan, R. Nagar, Richa Bansawal and Chandra Bhan (2019) Population dynamics of thrips (<i>Taeniothrips simplex</i>) on sword lily (<i>Gladiolus hybrida</i>) and varietal response to them in sub-humid Southern region of Rajasthan. <i>Journal of Entomological Research</i>, 43 (3) : 307-314 (NAAS Rating 5.05) 3. Shaukat Ali, Balbir Singh, Rajveer and Rajendra Nagar (2020) Impact of Front Line Demonstration on Productivity and Profitability of Rainfed Chickpea in Churu District of Rajasthan, India. <i>International Journal of Current Microbiology and Applied Sciences</i>, 9(4): 2319-7706. (NAAS Rating 5.38) Details of Popular articles below: 1. श्री राजेंद्र नागर, बलबीर सिंह एवं श्री राजवीर (2019) जायद सब्जियों के प्रमुख रोगों का प्रबंधन, चोखी खेती (अप्रैल)पेज न. 04- 05. 2. डॉ शौकत अली, डॉ रशीद खान, डॉ बलबीर सिंह, संगीता शर्मा एवं श्री

		राजेन्द्र नागर (2019) मूंग की उन्नत खेती, कृषक दूत (जुलाई) पेज न. 12. 3. राजेन्द्र नागर, बलबीर सिंह एवं राजवीर (2020), सरसों के प्रमुख रोग एवं उनका नियन्त्रण, राजस्थान खेती-प्रताप (जनवरी) पेज न. 05-06. 4. राजेन्द्र नागर, बलबीर सिंह, शौकत अली, अदिति गुप्ता, अजेश कुमार एवं राजवीर (2019) खेती में उत्पादन को बढ़ाये व लागत खर्च को काम करे, गिरनार, पेज न. 16-17. 5. राजेन्द्र नागर, बलबीर सिंह एवं अदिति गुप्ता (2020) चना की फसल में समेकित नाशी कीट प्रबंधन, चोखी खेती (जनवरी) पेज न. 02, 04 एवं 07. Detail of Folders below: 1. शौकत अली, बलबीर सिंह, अजेश कुमार, अदिति गुप्ता, राजवीर और राजेन्द्र नागर (अगस्त 2019). जल संरक्षण के लिए बून्द बून्द सिंचाई 2. शौकत अली, बलबीर सिंह, अजेश कुमार, अदिति गुप्ता, राजवीर और राजेन्द्र नागर (अगस्त 2019). मोठ उन्नत उत्पादन तकनीक 3. राजेन्द्र नागर, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और अजेश कुमार (सितम्बर 2019). बाजरे में नाशीजीव प्रबंधन 4. शौकत अली, बलबीर सिंह, अदिति गुप्ता, राजवीर, राजेन्द्र नागर और अजेश कुमार (अक्टूबर 2019). सरसों की उन्नत खेती 5. शौकत अली, बलबीर सिंह, अदिति गुप्ता, राजवीर, राजेन्द्र नागर और अजेश कुमार (नवम्बर 2019). चना की उन्नत खेती 6. राजेन्द्र नागर, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और अजेश कुमार (नवम्बर 2019). सरसों में समन्वित रोग प्रबंधन 7. राजेन्द्र नागर, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और अजेश कुमार (नवम्बर 2019). गेहूं में लगने वाले प्रमुख रोग तथा उनका प्रबंधन 8. राजेन्द्र नागर, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और अजेश कुमार (मार्च 2020). सरसों में समन्वित कीट प्रबंधन Detail of pumplet below- 1. अजेश कुमार, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और राजेन्द्र नागर (अगस्त 2019). खुरपका और मुहपका रोग 2. अजेश कुमार, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और राजेन्द्र नागर (अगस्त 2019). ब्रूसेलोसिस : गाय व भैसों का महत्वपूर्ण प्रजनन रोग और मानव में पशुजन्य रोग
14.	Practical exam conducted as an external	Two practical examinations of B.Sc. Ag (Hons.) Students of different colleges taken as an external examiner. Details are as under 1. Practical examinations of .R. College of Agriculture, Sahawa, Churu students of B.Sc. Ag (Hons.) part Ist ESDM-211(Environmental Studies and Disaster Management) on 31/12/2019 to 01-01-2020. 2. Practical examinations of B.R. College of Agriculture, Sahawa,

		Churu students of B.Sc. Ag (Hons.) part III rd subject Ento-331 (Pests of crop and storage grain and their management) on 02-01-2020.
15.	Other administrative work	1. Incharge of orchard plantation 2. Incharge of Plant Protection Unit 3. Incharge of Store work 4. Incharge of ATMA 4. Member of sale committee constituted by DEE, SKRAU, Bikaner 5. Member of tender committee constituted by DEE, SKRAU, Bikaner 6. Member of DEE nominee for tender committee Completed all the work timely assigned as to me per instruction given by Head, KVK Chandgothi regarding official and field work.



(Rajendra Nagar)
SMS (Entomology)
KVK, Chandgothi, (Churu-II)



(Senior Scientist & Head)
Krishi Vigyan Kendra
Chandgothi, (Churu-II)