

Swami Keshwanand Rajasthan Agricultural University, Bikaner

ANNUAL PERFORMANCE APPRAISAL REPORT

Year: 2018-19

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 17/04/2018 to 31/03/2019) 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	Seven on campus trainings were conducted, by which total 138 farmers, rural youth and farm women benefited. The topic of trainings entitled:- 1. Control of insect and disease in <i>Kharif</i> crops 2. Insect pest and disease in management <i>Kharif</i> pulses crops 3. Seed treatment of rabi crops and precaution measures insecticides 4. Integrated pest management of gram pos borer in chickpea 5. Integrated insect pest and disease management in groundnut (ATMA) 6. Integrated insect pest and disease management in gram (ATMA)
2.	Off campus training	five on campus trainings were conducted, by which total 138 farmers, rural youth and farm women benefited. The topic of trainings entitled:- 1. Control of insect and disease in <i>Kharif</i> crops 2. Insect pest and disease in management <i>Kharif</i> pulses crops 3. Seed treatment of rabi crops and precaution measures insecticides 4. Integrated pest management of gram pos borer in chickpea 5. Integrated insect pest and disease management in groundnut (ATMA) Integrated insect pest and disease management in gram (ATMA)
3.	Coordination with other SMS	1. Need assessment of the FLDs and OFTs conducted by other SMS. 2. Established different demo unit at KVK farm 3. Publication of popular articles and extension folders of other disciplines.

		4. Important official reports were timely prepared with other SMS.
4.	Winter /Summer School/training/ Seminar/Workshop etc.	1. Attended the Zonal Research and Extension Advisory Committee (ZREAC) <i>Rabi</i>-2018 held at Agricultural Research Station (SKNAU), Fatehpur on 28 August, 2018. 2. Attended the one day workshop “Farmer produces Organization” (FPO) held at NABARD at Nawalgarh (Jhunjhunu) on 03rd October, 2018. 3. Attended the Scientific Advisory Committee Meeting (SAC 2018-19) held at KVK, Shardarsahar on 18th January, 2019. 4. Attended the Zonal Research and Extension Advisory Committee (ZREAC) <i>Kharif</i>-2018 held at Agricultural Research Station (SKNAU), Fatehpur on 06 March, 2018.
5.	Patent	New Species: <i>Stenocatantops pasighatinesis</i> Swaminathan, Nagar & Swaminathan, 2018; Taxon Name: 503530
6.	Seed production	Total 50 q seed was produced at KVK farm during <i>rabi</i> 2018-19. Details are as under 1. Mustard seed (Var. DRMR IJ 31) : 21 quintal 2. Chickpea (Var. GNG 1958) : 29 quintal conducted by me.
7.	Important day and Week Celebration	1. Celebrated “World Soil day” on 17 December, 2018 2. Celebrated “International Yoga day” 3. Celebrated “Kisaan Diwas” on 23 December, 2018 at Nuhund. 4. Celebrated “International woman day” 5. “Swachta hi Sewa Pakwada” celebrated on dated 16-31 Dec. 2018 6. “Van mahotsav” was celebrated
8.	Farmers contacted/ visited KVK	Total 685 farmers contacted and benefitted at KVK by solving their problems through personal contact and telephonic talk. And 245 agriculture advisories were provided through Whats App for farmers’ benefit.
9.	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 250 farmers. Total 50 Diagnostic visits at farmer’s field were also made and diagnosed the problem of 110 farmers and given appropriate suggestion.
10.	On-farm trial / First line demonstration	02 OFT and 01 FLD 1. Management of sucking pest in Gaur through botanical pesticide. 2. Management of pod borer in Chickpea 3. Management of termite in Wheat Total 30 farmers benefitted each OFT and FLD.
11.	Front Line Demonstration (FLD/CFLD)	1. Total 195 cluster front line demonstrations (CFLD) conducted on in 78 ha. area of Churu. Details are as under (ATMA) ➤ Cluster bean :- 50 demo in 20 ha area ➤ Mothbean : 20 demo in 08 ha area ➤ Wheat : 75 Demo in 30 ha area ➤ Barley : 25 demo in 10 ha area ➤ Chcikpea : 25 demo in 10 ha area 2. Contributes as an associate contributor in FLD conducted by other SMS.

12.	Extension activities	1. Field days- 07 field days were organized in which 492 farmers were benefited. Details are as under ➤ Greengram var. IPM 02-03 at Noohand village on 18-09-18 ➤ Groundnut HNG 69 at Nethwa village on 27-09-18 ➤ Mothbean var. RMO 257 at Dhanothi village on 29-09-18 ➤ Mothbean var. RMO 257 at Godas village on 30-09-18 ➤ Chickpea GNG 1581 at Dhani Gangajal village on 03-03-19 ➤ Mustard DRMR IJ 31 at Jaswantpura village on 07-03-19 ➤ Chickpea GNG 1581 at Bas Mamraj village on 09-03-19 Total 407 farmers and farm woman were benefited. 2. Farm School-03 (ATMA) Rabi-2018-19 ➤ Wheat var. RAJ-4248 at Nethwa village ➤ Wheat var. RAJ-4248 at Basmamraj village ➤ Wheat var. RAJ-4248 at Ghanghu village Total 281 farmers and farm woman were benefited. 3. Organized one Kisan Gosthi and 106 farmers were benefited 4. Total 36 film shows were also done and 812 farmers were benefited. 5. PRA in village Dingli and Bas Mamraj. 6. Benchmark survey of 100 farmers of adopted village Dingli under doubling the farmer's income. 7. Crops cafeteria at KVK farm was established during both <i>kharif</i> and <i>rabi</i> season.
13.	Lectured delivered in sponsored training	Total 27 lectures were delivered in sponsored training and 825 farmers were benefited. Details are as under 1. "Improved cultivation of <i>kharif</i> crops" in Kisan Kalyan Abhiyan at Atal Seva Kendra, Taranagar on 2nd May, 2018 sponsored by ATMA, Agriculture Dept., Churu. 2. Management of dairy animal" on 24th September, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 29 farmers benefited. 3. Improved cultural practices of chickpea and mustard on 7th October-2018 sponsored by ATMA, Agriculture Dept., Churu. Total 31 farmers benefited. 4. Management of major insect pest in vegetable" on 08th October, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 28 farmers benefited. 5. Management of major insect pest in vegetable" on 08th October, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 28 farmers benefited. 6. Management of major insect pest in vegetable" on 08th October, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 28 farmers benefited. 7. Insect pest in <i>Kharif</i> crops and their management" on 10th August, 2018 Scientific farmer interaction Programme (<i>Kharif</i>-2018) sponsored by ATMA, Agriculture Dept., Churu. Total 48

		farmers benefited. 8. Insect pest and disease in <i>Kharif</i> crop and their management” on 21st September, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 28 farmers benefited. 9. Insect pest grain storage and their management” on 22nd September, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 28 farmers benefited. 10. Management of insect and disease in wheat” on 30th November, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 24 farmers benefited. 11. Major insect pest in fruit crop and their management” on 07th February, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 12. Major insect pest in vegetable crop and their management” on 07th February, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 13. Modern dairy management” on 05th February, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 14. Management of major insect in <i>Zayad</i> crop” on 12th February, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 30 farmers benefited. 15. Management of insect in cucurbitices vegetable” on 27th February, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 22 farmers benefited. 16. Insect pest of storage and their management wheat” in Farm school at Nethwa, Taranagar on 08th March, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 26 farmers benefited. 17. Management of termite in wheat” in Farm school at Nethwa, Taranagar on 14th February, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 26 farmers benefited. 18. Control measure of disease in wheat” in Farm school at Nethwa, Taranagar on 12th January, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 26 farmers benefited. 19. Importance and methods of seed treatment in wheat” in Farm school at Nethwa, Taranagar on 08th December, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 26 farmers benefited. 20. Management of storage grain insect pest in wheat” in Farm school at Ghanghu, Churu on 16th February, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 27 farmers benefited. 21. Management of termite in wheat” in Farm school at Ghanghu, Churu on 29th January, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 27 farmers benefited. 22. Management of major disease in wheat” in Farm school at Ghanghu, Churu on 07th January, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 27 farmers benefited. 23. Seed treatment in wheat and Importance” in Farm school at
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		Ghanghu, Churu on 03rd December, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 27 farmers benefited. 24. Management of storage grain insect pest in wheat” in Farm school at Basmamraj , Rajgarh on 16th February, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 27 farmers benefited. 25. Management of termite in wheat” in Farm school at Basmamraj, Rajgarh on 13th February, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 23 farmers benefited. 26. Management of major disease in wheat” in Farm school at Basmamraj, Rajgarh on 19th January, 2019 sponsored by ATMA, Agriculture Dept., Churu. Total 23 farmers benefited. 27. Seed treatment in wheat and Importance” in Farm school at Basmamraj, Rajgarh on 04th December, 2018 sponsored by ATMA, Agriculture Dept., Churu. Total 23 farmers benefited.
14.	Publication	➤ Research paper – 04 ➤ Popular article - 08 ➤ Extension folders -05 ➤ Pumplet-07 ➤ Booklet-02 ➤ Book Chapter-02 Detail of Research paper below- 1. Swaminathan, R., Nagar, Rajendra & Swaminathan, Tatiana (2018) Representative species of the tribe Catantopini (Orthoptera: Acrididae) from India. <i>Transactions American Entomological Society</i>, 144:239-261. (NAAS Rating 6.46) 2. Joshi, S., Nagar, Rajendra, Meena, A.K. & Swaminathan, R. (2018) Non-target effect of pesticides on insect pollinators in coriander. <i>Journal of Entomology Research</i>, 42(4): 541-544 (NAAS Rating 6.05) 3. Meena, A.K., Nagar, R., & Swaminathan, R. (2018) Incidence of <i>Omiodes indicate</i> (Fabricius) on soybean in Rajasthan. <i>Indian Journal of Entomology</i>, 80(4):1585-1590. (NAAS Rating 5.89) 4. Meena, A.K., Nagar, R., & Swaminathan, R. (2018) Occurrence of <i>Dichomeris acuminatus</i> (Staudinger) on soybean in Rajasthan. <i>Indian Journal of Entomology</i>, 80(4):1682-1687. (NAAS Rating 5.89) Details of Popular articles below: 1. डॉ शौकत अली, डॉ बलबीर सिंह, डॉ रशीद खान एवं श्री राजेंद्र नागर (2018) ग्वार-अर्द्ध शुष्क एवं असिंचित क्षेत्र की प्रमुख फसल. मध्य भारत कृषक भारती, (जुलाई) पेज न. 4. 2. डॉ अदिति गुप्ता , डॉ रशीद खान , डॉ बलबीर सिंह, डॉ अजेश कुमार, डॉ

		शौकत अली, श्री राजेंद्र नागर एवं श्री राजवीर (2018) पोषाहार वाटिका- एक कदम बेहतर स्वास्थ्य की ओर. कृषि अमृत, (दिसम्बर) पेज न. 4. 3. डॉ अदिति गुप्ता, डॉ रशीद खान, डॉ बलबीर सिंह, डॉ अजेश कुमार, डॉ शौकत अली, श्री राजेंद्र नागर एवं श्री राजवीर (2018) आलू-एक उच्च पोषक आहार. कृषक दूत, (25 सितम्बर से 1 अक्टूबर) पेज न. 12. 4. डॉ शौकत अली, डॉ बलबीर सिंह एवं श्री राजेंद्र नागर (2018) कपास की खेती-नकदी देती. मध्य भारत कृषक भारती, (1 अक्टूबर) पेज न. 12-13. 5. डॉ शौकत अली, डॉ बलबीर सिंह एवं श्री राजेंद्र नागर (2018) सरसों: राजस्थान का खरा सोना. कृषक आराधना, (दिसम्बर) पेज न. 02. 6. राजेंद्र नागर, बलबीर सिंह, शौकत अली, अदिति गुप्ता, अजेश कुमार एवं राजवीर (2018) मूंगफली में दीमक की रोकथाम के देशी उपाय, गिरनार, पेज न. 35-41. 7. अजेश कुमार, बलबीर सिंह, शौकत अली, अदिति गुप्ता, राजवीर एवं राजेंद्र नागर (2018) पशुओं के अपशिष्ट पदार्थ का बेहतर प्रबंधन एवं जैविक खेती के लिए प्राकृतिक व सम्पूर्ण खाद: केंचुआ खाद, गिरनार, पेज न. 35-41. 8. ऋचा बंशीवाल, श्री कुलदीप कुमार एवं श्री राजेंद्र नागर (2019) फसलों में दीमक कीट का प्रबंधन. राजस्थान खेती-प्रताप 2019 (मार्च) पेज न. 11-13. Detail of Booklet below: 1. शौकत अली, बलबीर सिंह, अजेश कुमार, अदिति गुप्ता, राजवीर और राजेन्द्र नागर (जुलाई 2018) चूरू जिले में खरीफ की मुख्य दलहन एवं तिलहन 2. अजेश कुमार, बलबीर सिंह, अदिति गुप्ता, राजेन्द्र नागर शौकत अली और राजवीर (मई 2018) डेयरी इकाई का नाभिक बीज बछड़े एवं बछड़िया Detail of Bookchapter below: 1. डॉ लेखा राजेंद्र नागर और डॉ जगदीश चौधरी (2018) गेहूँ में कीट नियंत्रण, गेहूँ की उन्नत प्रोद्योगिकी, महाराणा प्रताप कृषि एवं प्रोद्योगिकी विश्व विद्यालये उदयपुर पेज न. 20-21. 2. डॉ जगदीश चौधरी डॉ लेखा राजेंद्र नागर और संदीप बुड़ाणीअ (2018) गेहूँ में भंडारण और खाद्य सुरक्षा में महत्व, गेहूँ की उन्नत प्रोद्योगिकी, महाराणा प्रताप कृषि एवं प्रोद्योगिकी विश्व विद्यालये उदयपुर पेज न. 27-28. Detail of Folders below: 1. शौकत अली, बलबीर सिंह, अजेश कुमार, अदिति गुप्ता, राजवीर और राजेन्द्र नागर (जुलाई 2018). चूरू जिले में खरीफ की मुख्य दलहन एवं तिलहन
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		2. अजेश कुमार, बलबीर सिंह, अदिति गुप्ता, राजेन्द्र नागर शौकत अली और राजवीर (मई 2018). डेयरी इकाई का नाभिक बीज बछड़े एवं बछड़िया 3. राजेन्द्र नागर, बलबीर सिंह, शौकत अली, अदिति गुप्ता, राजवीर और अजेश कुमार (अक्टूम्बर 2018). कैसे करें किसान गेहूं का सही भण्डारण 4. राजेन्द्र नागर, बलबीर सिंह, शौकत अली, अदिति गुप्ता, राजवीर और अजेश कुमार (अक्टूम्बर 2018). चना में फली छेदक कीट का समेकित प्रबंधन 5. राजेन्द्र नागर, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और अजेश कुमार (अक्टूम्बर 2018). गेहूं में दीमक का समेकित प्रबंधन Detail of pamphlet below: 1. शौकत अली, रशीद खान, बलबीर सिंह, राजेन्द्र नागर, अजेश कुमार, अदिति गुप्ता और राजवीर (मई 2018). दलहन में जैव उर्वरक का महत्व 2. अजेश कुमार, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और राजेन्द्र नागर (मई 2018). गाय, भैंस व बकरी का वार्षिक स्वास्थ्य एवं चारा कैलन्डर 3. शौकत अली, बलबीर सिंह, राजेन्द्र नागर, अजेश कुमार, अदिति गुप्ता, राजवीर और रशीद खान (जुलाई 2018). कपास में बीजोपचार के तरीके 4. शौकत अली, रशीद खान, बलबीर सिंह, राजेन्द्र नागर, अजेश कुमार, राजवीर और अदिति गुप्ता (जुलाई 2018). कपास में सिंचाई प्रबंधन 5. अदिति गुप्ता, बलबीर सिंह, राजवीर, अजेश कुमार, शौकत अली, रशीद खान और राजेन्द्र नागर (जुलाई 2018). मधुमेह 6. अजेश कुमार, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और राजेन्द्र नागर (जुलाई 2018). डेयरी फार्म पर बछड़े/बछड़ियों की देखभाल कैसे करे 7. अजेश कुमार, बलबीर सिंह, अदिति गुप्ता, शौकत अली, राजवीर और राजेन्द्र नागर (जुलाई 2018). डेयरी फार्म पर स्वच्छ दूध उत्पादन
15.	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 05-01-2019. 2. Practical examinations of B.R. College of Agriculture, Sahawa, Churu students of B.Sc. Ag (Hons.) part IInd subject Ento-211 (Insect Ecology and Principles of IPM) on 10-01-2019.
16.	Other administrative work	1. Incharge of orchard plantation 2. Incharge of Store work 3. Incharge of ATMA 4. Member of sale committee constituted by DEE, SKRAU, Bikaner

		5. Member of tender committee constituted by DEE, SKRAU, Bikaner Completed all the work timely assigned as to me per instruction given by Head, KVK Chandgothi regarding official and field work.
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(Rajendra Nagar)
SMS (Entomology)
KVK, Chandgothi, (Churu-II)

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