

Research Papers Published

1. Chand H., Kumar, A, Dwivedi, G.P. and Paswan, S. (2012). Bio-efficacy of insecticides in combination with mechanical measure against *Chilo tumidicostalis* on Sugarcane, *Ann. Pl. Protection*, **20(1)**: 223-225
2. Choudhary, D.K., Kumar, V. Bharati, V. and Kumar, S.B. (2012). Effect of water regimes and NPK levels on yield, Quality assessment and WUE on mid duration Rice. *J. Interacad.*, **16(3)**: 639-642
3. Choudhary, D.K., Kumar, V., Bharati, V. and Kumar, S.B. (2012). Effect of water regimes and NPK levels on yield, quality assessment and water-use- efficiency on mid duration rice. *Journal of Interacademia*, **16(3)**: 639-642.
4. Chowdhury, M.R., Kumar, V. and Brahmachari, R.K. (2012). Effect of different water and nutrient management practices on rice grown under SRI, *Journal of Crop and Weed*, **8(2)** : 36-39.
5. Deo, S. & Sarkar, S.R. (2012). Natural dye from Litchi, *Indian Silk*, **2(12)**: 28-29.
6. Gond, V.K. (2012). "Pharmacokinetic study of enrofloxacin" following intravenous administration in goats, *Journal of Physical Science*, **4 (1)**: 01-06.
7. Jha, M.N., Chaourasia, S.K. and Kumari, S. (2012). Microbial consortium for sustainable rice production, *Agroecology and Sustainable Food System*, **37** : 1-23
8. Kashyap, S. N. (2012). Occurrence of accident among inmates of old age home of Uttarakhand, India, *Asian Journal of Home Science*, **7**: 456-460
9. Kaushal, S., Garg M. and Shahi, V. (2012). Sociological obstacles increase stress of working women, *Interdisciplinary Journal of Management and Behavioural Sciences, Voice of Research*, **1(1)**: 35-36
10. Kumar S., Chand, H., Kumar, A.I and Paswan, S. (2012). Evaluation of primary and secondary infestation in sugarcane caused by *Chilo tumidicostalis* Hampson *Indian Journal of Sugarcane Technology*, **27(1)**: 25-27
11. Kumar, B. (2012). Effect of date of sowing on sterility mosaic disease of Pigeonpea with weather variables. *J. Mycol. Plant Pathol.* **42(1)**:113
12. Kumar, N. and Singh U.P. (2012). Growth of spring sugarcane as influenced by phosphorus and sulphur nutrition. *Indian J. Sugarcane Technology*, **27(1)**: 41-43
13. Kumar, N., R., Raman, R.P., S.B. Jadhao, R.K. Brahmchari, K. Kumar, Dash, G. (2013). Effect of dietary supplementation of *Bacillus licheniformis* on gut microbiota, growth and immune response in giant freshwater prawn, *Macrobrachium rosenbergii*, *Aquaculture International*, **21 (2)**: 387-403
14. Kumar, N., Singh. H, Kumar R. and Singh, V.P. (2012). Productivity and profitability of different genotypes of sugarcane as affected by fertility levels and planting seasons. *Indian Journal of Agronomy*, **57(2)**: 180-185
15. Kumar, V. and Kumar M. (2012). Influences of temperature-time blanching on drying kinetics and quality attributes of yam chips, *International Agricultural Engineering, Journal*, **21(1)**: 17-16
16. Kumar, V. Sharma, P.D., Kumar, C. and Deo, M.M. (2012). Development and storage stability of non-fermented **whey**- litchi health drinks, *International Agricultural Engineering Journal*, **21(1)**: 31-39
17. Kumar, V., Kumar, G. Sharma, P.D. (2012). Osmotic dehydration of litchi pulp as a pretreatment

for drying processes, *Agric Eng International: CIGR Journal*, **14(3)**: 146-151

18. Kumar, V., Prasad, R.K and Prasad, B. (2013). Nickel uptake by rajmash grown on sewage sludge. *Journal Indain Society of Soil Science*, **61**: 23-28
19. Kumari R., Singh, V.P. and Kumar, N. (2012). Effect of water logging on quality constraints of sugarcane varieties. *Environment & Ecology*, **31(2)**: 546-550
20. Kumari, S. and Kulshreshtha, K. (2013). Food consumption trends of elderly population since 1950 in Kumaon region of Uttarakhand, *Progressive Research: An International J.*, **8(1)**: 51-55
21. Madhurendra, Choudhary, M.N. Singh, A.K. and Prasad, N. (2013). Influence of sri method of rice cultivation on yield, yield attributes and insect pest incidence, *J. Interacademia*, **17(3)**: 593-595
22. Mandal, S. K. Choudhary, S.C., Neeraj, Kumar, S. and Kumar, V. (2013). Impact of perceived characteristics and adoption level of trained farmers in KVK about plant protection measures, *Environment & Ecology*, **18(8)**: 57- 62
23. Mandal, S. K., Kumar, R. Das, S. and Kumar, V. (2012). Field evaluation of some newer insecticides against diamond back moth on cauliflower, *Pest Management & Economic Zoology*, **17(1)**: 27-29
24. Nilanjaya and Sharma, V.K. (2012). Evaluation of rice genotypes for genetic study under Boro condition, *RAU Journal Research*, **21(182)** : 82-84
25. Nirala, R.B.P., Rani Neha and Nilanjaya. (2012). General and specific combining ability study in quality protein maize, *RAU Journal Research*, **22(182)**: 43-47
26. Pandey, I. B., Singh, S. K. and Tiwari, S. (2013). Integrated nutrient management for sustaining the productivity of pigeon pea (*Cajanus cajan*) based intercropping systems under rain fed conditions, *Indian Journal of Agronomy*, **58(1)**: 87 - 92
27. Parbhakar, P.K., Ansari, M.N & Sinha, K.K. (2012). Impact of FLD on knowledge level of farmers in relation to rapeseed and mustard production technology in KVK system. *J. Communication Studies*, **XXXI** :188-194
28. Paswan, A.K., Ansari, M.N. & Singh, M. (2012). Socio-economic correlates of Deep water rice growers. *J. Interacad.* **16 (4a)** : 1083-1087
29. Prasad S., Kumar, V., Sinha, A. K. and Singh, A. K. P. (2012). Evaluation of Hargreaves method for estimating, reference evapo-transpiration at Pusa, India, *International Agricultural Engg. Journal*, **21 (3-4)**: 90-95
30. Rajak, K.K., Suman, S. and Kumar, H. (2012). Embryogenic Callogenesis from Flower Bud culture of *Litchi chinensis* Sonn. cv. Shahi, *Bioved*, **23(2)**:1-8
31. Rajak, S., Sharma, A., Chakraborty, S.K., Rai, S.C., Kumar, D. and Jaiswal, A.K. (2012). Strategies to enhance fish production from oxbow lakes of Muzaffarpur, Bihar, *Indian Journal of Ecology*, **39(2)** : 156-157
32. Rani A., Kumar M. and Kumar, S. (2013). Rapid *In vitro* propagation of sarpgandha, *Adv. Appl. Res.*, **5(2)**: 131-134
33. Rani, N., Kumar, A. and Narayan, A. (2012). Combining ability and heterosis studies for grain yield in quality protein maize (*Zea mays* L.), *RAU Journal Research*, **22(182)** : 31-37
34. Ranjan, R., Ray, R. and Mukherjee, U. (2012). Effect of abiotic factors on the incidence of litchi leaf roller, *Dudua aprobola* Meyrick (Lepidoptera: Tortricidae) in Bihar, *Pest Management in*

Horticultural Ecosystems, **18(2)**: 210-212.

35. Ranjan, R., Ray, R. and Mukherjee, U. (2012). Influence of abiotic factors on the incidence of litchi fruit Borer, *Conopomorpha cramerella* Snellen in Bihar. *Bihar Journal of Horticulture*, **1(2)** : 116-119
36. Ranjan, R., Ray, R. and Mukherjee, U. (2012). Influence of abiotic factors on incidence of litchi fruit borer, *Conopomorpha cramerella* Snellen in Bihar, *Journal of Horticulture*, **1**: 116-119.
37. Sahu, R.K., Mishra, S.K., and Eldho, T.I. (2012). Improved storm duration and antecedent moisture condition coupled SCS-CN concept-based model *Journal of Hydrologic Engineering*, **17 (11)**: 1173-1179
38. Sahu, R.K., Mishra, S.K., and Eldho, T.I. (2012). Performance evaluation of modified versions of SCS curve number method for two watersheds of Maharashtra *ISH Journal of Hydraulic Engineering*, **18(1)**: 27-36
39. Sarkar, S.R. & Deo, S. (2012). Antimicrobial natural dyeing of cotton fabric with Tulsi, Neem and Heena, *Asian Dyer*, **9(2)**: 38-41
40. Sharma, N.K., Vandana, Kumar, M. and Choudhary, R.C. (2013). Effect of 2-D. BAP, KN, IAA and IBA on In vitro regeneration of *Ocimum canum* Sims-an important Hoary Basil Plant, *Int. J. Agril. Environ Biotech.*, **6(3)**: 389-395
41. Singh, P., Pandey, A. and Kumar, R. (2012). Stability study in aromatic rice (*Oryza sativa* L.), *Crop Research*, **45 (1)**: 2012
42. Singh, P., Pandey, A. Mishra, S.B. and Kumar, R. (2012). Genetic Diversity Study in Aromatic Rice (*Oryza sativa* L.) *SABRAO J. Breeding and Genetics*, **44(2)**: 356-369
43. Singh, S.K. (2013). Adsorption and downward movement of Lindane in Organic matter rich sandy loam soil of Uttaranchal, India, *The Bioscan*, **8(2)** : 463-468
44. Singh, S.K. (2013). Adsorption of Lindane of Soils of Uttar Pradesh and Uttaranchal. *Journal of Indian society of Soils Science*, **61(3)**: 233-236
45. Singh, S.K. (2013). Distribution of micronutrient cations in soils of different district of eastern Uttar Pradesh, *Agropedology*, **23(1)**: 36-40
46. Singh, S.K. (2013). Genetic Diversity for Agro-morphological and oil analysis trials in Indian mustard (*Brassica juncea* L.), *The Bioscan*, **8(3)**: 771-775
47. Singh, S.K., Kumar, A. and Chaudhary, V.K. (2012). Studies on Heterosis and in breeding depression in mungbean (*Vigna radiata* L.), *RAU Journal of Research*, **22(1&2)** : 88-90
48. Singh, S.K., Ray, P.K. and Jha, P.K. (2012). Pre and Post harvest diseases banana: Their occurrence and economic importance in Bihar. *Bihar Journal of Horticulture*, **1(2)** : 95-101
49. Singh, U.S., Dar, M.H., Singh, S. , Zaidi, N.W., Bari, M.A., Mackill, D.J., Collard, B.C.Y., Singh, V.N., Singh, J.P., Reddy, J.N., Singh, R.K., Ismail, A.M. (2013). Field performance, dissemination, impact and tracking of submergence tolerant (Sub1) rice varieties in South Asia, *SABRAO J.f Breeding and Genetics*, **45(1)**: 112-131.
50. Sinha, S. K., Jha, C.K., Kumar, V., Kumari, G. and Alam, M. (2013). Integrated effect of biometanated distillery effluent and biocompost on soil properties, juice quality and yield of sugarcane in Entisol. *Sugar Tech.* : Published online 23/4/2013

51. Suman, S., Rajak, K.K., and Kumar, H. (2012). Diversity of genome and ploidy in banana and their effect on tissue culture responses, *Research in Environment and Life Sciences*, **5(4)**: 181-183
52. Suman, S., Rajak, K.K., and Kumar, H. (2013). Micropropagation of Banana cv. Battisa, *Biochemical Cell archives*, **13(2)**: 349-354
53. Suman, S., Rajak, K.K., Kishore, C. and Kumar, H. (2013). Micropropagation of Banana cv. Champa, *Biochemical Cell archives*, **13(2)**: 291-295
54. Suresh, R. and Nirala, S.K. (2012). Effect of water sprinkling using micro sprinkler on fruit creaking quality and yield of litchi crop. *Bihar Jr. of Horticulture*, **1(2)**: (Accepted)
55. Thakur, S. K., Suman, S. N., Kumari, Geeta and Tomar, N. K. (2013). Influence of phosphate on cadmium sorption by clay, *Journal Indian Society of Soil Science*, **61(2)**: 135-139
56. Thakur, S.K, Jha, C.K., Alam, M and Singh, V.P. (2012). Productivity, quality and soil fertility of sugarcane (*Saccharum* spp complex hybrid) plant and ratoon grown under organic and conventional farming system. *Indian Journal of Agricultural Sciences*, **82(10)**: 896-99.
57. Umesh, U. N., Kumar, V., Alam, M., Sinha, S.K. and Verma, K. (2013). Integrated effect of organic and inorganic fertilizers on yield, quality parameters and nutrient availability, *Sugar Tech.* : Published online 23 April, 2013
58. Vaishali, S., B., Shahi V. and Sangwan, S. (2012). Temperament and Social competence of children, *Interdisciplinary Journal of Management and Behavioural Sciences, Voice of Research*, **1(2)**: 29-35
59. Vandana, Sharma, N.K. and Kumar, M. (2012). Assessment of genetic fidelity of micro propagated clones of strawberry genotypes using EST-SSR markers, *Biotechnology*, **6(4-5)**: 150-153
60. Vandana, Sharma, N.K. and Kumar, M. (2012). EST SSR markers analysis of *In vitro* regenerated plantlets of Festival and Sweet Charlie cultivars of Strawberry, *Intl. J. Agric. Env. Biotech.* **5(4)**: 326-328
61. Verma, C. and Sinha, A. (2012). Effect of breast feeding on the health, *Praachi Journal of Psycho cultural dimensions*, **28**: 25-30
62. Vibha, Jha, P.K and Nidhi. (2012). Effect of introduced beneficial inocula of native and exotic bioagent on microbial and dominant fungal population in pigeon-pea rhizosphere of calciorthant soil, *Int. J. Agri. Science*, **8(2)**: 329-334

Research Papers Presented In Seminar / Symposium

1. Alam, M., Thakur, S.K. Kumari, Geeta, Jha, C.K., Sinha, S.K and Verma, K. (2012). Effect of bio-compost application on performance of sugarcane crop” on the topic , *National Seminar on Improving cane Productivity and Sugar Recovery to Sustain Sugar Industries 27-29, Nov., 2012, SRI, RAU, Bihar, Pusa, India.*
2. Chand Hari, Kumar S., Kumar A, Paswan S. and Dwivei, G.P. (2012). Comparative efficacy of different IPM approaches against *Chilo tumidicustalis* Hampson., *ibid*
3. Chaudhary, S.K. Singh, J.P., Kumar, S. (2012). Economizing weed management in SRI planted rice crop, *Third International Agronomy Congress on Agriculture Diversification, Climate Change Management & Livelihood, November 26-30, 2012. Indian Society of*

Agronomy, New Delhi, India.

4. Dharminder, Singh, Y. and Pandey, R.K. (2012). Efficacy of herbicides for controlling weeds and its response to soil micro-flora in rajmash, *ibid*
5. Dwivedi, D.K., Yadav, L.M., Parmila & Kumar, B. (2012). Organic Nutrient based Potato (*Solanum tuberosum* L.) - Elephant Foot Yam (*Amorphophallus paeoniifolius* L.) production, *National Consultation on Potato Research & development: Way Forward organized by CPRI, Shimla & Indian Potato Association (IPA), Shimla at OUAT, Bhubaneswar on 26th September'2012.*
6. Gond, V. K., and Ansari, M.N. (2012). Cane molasses: An ideal livestock feed supplement, *National Seminar on Improving cane Productivity and Sugar Recovery to Sustain Sugar Industries 27-29, Nov., 2012, SRI, RAU, Bihar, Pusa, India.*
7. Jha, C. K. (2012). Role of Soil carbon sequestration in changing climate scenarios: A Review, *ibid*
8. Kumar, Anil., Chand Hari, Dwivedi G. P, Singh H., Paswan Sudhir and Kumar S. (2012). Impact of inter cropping on the incidence of root/shoot and Top borer in sugarcane under with Bihar condition. *ibid*
9. Kumar, B., Kamat, D.N. and Minnatullah, Md. (2012). Selection in Juvenile hybrid Seedlings to Development of Sugarcane Genotype for durable resistance against red-rot, *ibid*
10. Kumar, B. and Kamat, D.N. (2012). Comparison of different stability model for genotype x environment interaction in relation to yield and quality in sugarcane, *ibid*
11. Kumar, B., Kamat, D.N. and Kumar N. (2012). Hybridization and Selection for Development of high yielding sugarcane Varieties Tolerant to Water-logged condition in Bihar, *ibid*
12. Kumar, N., Singh, H. and Alam, M. (2012). Crop diversification with sugarcane for maximizing productivity, profitability and resource use efficiency: A review. *ibid*
13. Kumar, A. Kumar, A., Kumar, R. and Lal H.C. (2012). Disease Scenario in north eastern plain zone (Jharkhand) with reference to hybrid rice, *6th International Hybrid Rice symposium, 10-12 September, 2012, Hyderabad, India*
14. Kumar, B. And Yadav, L.M. (2012). Survey & surveillance of potato diseases naturally occurring in Bihar, *National Consultation on Potato Research & development: Way Forward , 26th September, 2012, OUAT, Bhubaneswar.*
15. Kumar, M. (2012). Preharvested forecasting of rice yield using biometrical characters along with farmers appraisal in Samastipur district of Bihar, *Int. Conference on statistics & informatics in agricultural research, 18-20, December, 2012, New Delhi*
16. Kumar, R., Kumar, V., Nandan R. and Dwivedi, D.K. (2012). Effect of irrigation and mechanical weeding on yield, water productivity and profitability grown under System of Rice Intensification, *Third International Agronomy Congress on Agriculture Diversification, Climate Change Management & Livelihood, November 26-30, 2012. Indian Society of Agronomy, New Delhi, India.*

17. Kumar, V. and Kumari, R. (2012). Influence of Moisture Regimes on System Profitability under Rice Based Cropping System, *In: National Seminar on "Enhancing water productivity in agriculture" March 08-09, 2013 at BHU, Varanasi*
18. Kumar, V. and Prasad, K.K. (2012). Response of potato varieties to different nutrient sources, *Third International Agronomy Congress on Agriculture Diversification, Climate Change Management & Livelihood, November 26-30, 2012. Indian Society of Agronomy, New Delhi, India.*
19. Kumar, B. & Yadav, L.M. (2012). Monitoring of *Mysus persicae* in potato fields in Bihar, *National Seminar on Improving cane Productivity and Sugar Recovery to Sustain Sugar Industries 27-29, Nov., 2012, SRI, RAU, Bihar, Pusa, India.*
20. Kumari, A., Jha, P.K and Vibha. (2012). Effect of rhizosphere and phylloplane fungi on crop health of *Piper longum*., *National conference on "Crop Disease Management: Advances and Challenges,, 21-23 January, 2013 NAU, Navsari*
21. Kumari, G., Alam, M, Jha, C.K., Sinha, S.K and Verma, K. (2012). "Bio-methanated distillery effluent- as a source of Nutrients for sugarcane crop, *National Seminar on Improving cane Productivity and Sugar Recovery to Sustain Sugar Industries 27-29, Nov., 2012, SRI, RAU, Bihar, Pusa, India.*
22. Kumari, S. (2012). Trends in millet consumption among aged population in Kumaon region of Uttarakhand, *National seminar organised by Government Women College, Gulzarbagh, Patna on 11th -12th September 2012.*
23. Prasad, S.S., Singh, S.R., Singh, A.K., Jha, C.K., Singh, S.K., Suman, S.N., Jha, S. Mishra, A.K., Prasad, Rabindra, Prasad, A.K., Singh D. and Kumari, N. (2012). An approach to strengthen livelihood through improved sugarcane productivity in salt-affected watersheds of Muzaffarpur district., *ibid*
24. Singh H, Kumar Navnit and Vasistha RP. (2012). Effect of agro-techniques on the productivity of multiple ratooning in sugarcane. *National Seminar on Improving cane Productivity and Sugar Recovery to Sustain Sugar Industries 27-29, Nov., 2012, SRI, RAU, Bihar, Pusa, India.*
25. Singh, S.K., Ray, P.K. and Jha, P.K. (2012). Differential Reaction of Papaya Varieties To Papaya Ring Spot Virus (PRSV) In Agro Ecological Condition of Bihar, *3rd GLOBAL CONFERENCE on the topic Plant Pathology for food security organized by Indian society of Mycology and Plant Pathology scheduled on 10-13 January, 2012 at MPUAT, Udaipur, Rajasthan*
26. Singh, Y., Dharminder, Singh, V.K., Singh, J.P., Sapna, K. and Jha, C.K. (2012). Effect of INM on agronomic performance of rice under different cultivation systems, *Third International Agronomy Congress on Agriculture Diversification, Climate Change Management & Livelihood, November 26-30, 2012. Indian Society of Agronomy, New Delhi, India.*
27. Singh, Y., Dharminder, Singh, V.K., Singh, J.P., Sapna, K. and Jha, C. K. (2012). Effect of INM on agronomic Performance of rice under different cultivation systems, *ibid*
28. Thakur S.K., Kumari G., Alam, M. and Singh, V.P. (2012). Effect of different plant nutrients on performance of sugarcane in calcareous soils of Bihar. *National Seminar on*

Improving cane Productivity and Sugar Recovery to Sustain Sugar Industries 27-29, Nov., 2012, SRI, RAU, Bihar, Pusa, India.

29. Yadav, L.M., Parmila, Dwivedi, D.K., Kumar, B. (2012). Performance of some early maturing hybrids of Potato in North Bihar, *National Consultation on Potato Research & development: Way Forward* organized by CPRI, Shimla & Indian Potato Association (IPA), Shimla at OUAT, Bhubaneswar on 26th September'2012 in Souvenir PP.118

Popular Articles Published

1. Agarwal, M.L. Kumar, N. and Rai, A.K. (2012) Krishi me Vividhikaran evam Parparagan hetu Madhumakhipalan, Souvenir, Kisan Mela, IARI, Regional Station, Pusa : 08-09
2. Chandra, S.K., Kumar, Mukesh and Singh, S.K. (2013). Sanrakshit kheti, *Adhunik Kisan* **42(1)** : 67-68
3. Das, D.K. (2012). Bihar me krishi vaniki ki isthiti evam sambhawnae, *Adhunik Kisan*: 46
4. Dayaram, (2013). Bhavisayn ki Chunotiyon ke liye Mushroom Utpadan, *Adhunik Kisan*, **42(1)**: 35-37
5. Gupta, A.K. and Singh, D. (2012). Integrated Disease Management in Groundnut, *Indian Farmers Digest*: 42-45
6. Kala, S. (2012). Apna ghar yojanabadh tarike se banaei, *Adhunik Kisan*, **41(4)**: 35-37
7. Kala, S. (2012). Mombatti utpadan kutir udyog, *Adhunik Kisan* **41(5)** : 45-47
8. Kumar N. and Singh, H. (2012). Antarvarti fasalon se payein atirikta munafa, *Audyogik Fasal Ganna*, SRI, Pusa : 24-26
9. Kumar, M., Kumar, V. and Singh, P. (2012). Paudhon mein poshak tatwon ki kami ke lakshan, *Aadhunik Kisan*, **41 (3)** : 4-5
10. Kumar, M., Tiwary, S. and Singh, S.P. (2012). Adhunik Krishi mein Jaib urvarkon ka prayog, *Adhunik Kisan* **41 (2)** : 3-6
11. Kumar, N. (2012). Kheton par bhi sambhav hai gunvattapurna Beej Ikh utpadan, *Kheti*, **65 (4)** : 9-12
12. Kumar, N. (2012). Ikh utpadan se payein samridhi ka mithas, *Kisan Bharati*, **43 (12)**: 17-18
13. Kumar, N. (2012). Jal jamav wale kshetron mein ikh ka samekit prabandhan, *Aadhunik Kisan*, **41 (2)**: 20-21
14. Kumar, N. (2012). Rani Utpadan Ki Kritrim Vidhi, *Souvenir*, Awareness, Motivation & Technology Transfer of Beekeeping in Bihar at RAU, Pusa : 43 -45
15. Kumar, N., Patel, A. and Chand, H. (2012). Ikh ka safal samekit prabandhan, *Khad Patrika*, **53 (4)**: 31-35
16. Kumar, N., Singh, P.K., Singh, R., Lal, H.C. and Karmkar, S. (2012). Mung fasal ka krishi vividhikaran mein yogdan *Smarika*,: *Krishi vividhikaran, IARI, Pusa (Bihar)* : 57-58
17. Kumar, R. and Kumar, V. (2013). SRI Vidhi Taknik Dwara Dhan ki Unnat Kheti, *Adhunik Kisan*, **42(2)**: 08-09.
18. Kumar, R., Kumar N., Singh, N.K. (2012). Dhan utpadan mei vividhikaran hetu dhan par aadharit upayukta fasal pranaliyan, *Smarika: Krishi vividhikaran, IARI, Pusa Bihar*: 39-41

19. Kumar, R., Singh, N.K., Singh, S.K. and Nilanjaya (2012). Shankar dhan khadya suraksha prapti ka vikalp, *Adhunik Kisan*: 12-13
20. Mandal, M.P. (2012). Bihar mein Tulsi ki Vayvysayik Kheti, *Krishika*: 6
21. Mandal, M.P. (2012). Kai Bimariyon me upyogi hain Isabgol, *Krishika*: 7
22. Mandal, M.P. (2012). Mentha ki Vayvysayik Kheti, *Krishika*: 3
23. Pandey, R.K. (2012). Dhan ki khet me azolla ka mahatwa, *Adhunik Kisan*, **41(2)** : 3-6
24. Prasad, J. and Jha, S. (2012). Mitti janch ke aadhar par urvarak, *Adhunik Kisan*, **41(2)** : 5-6
25. Prasad, S.S., Singh, S.K. and Suman, S.N. (2012). Mitti evam Manav, *Adhunik Kisan*, **41(2)**: 1-2
26. Ram, P.K. (2012). Degnala pashuon ka ghatak rog, *Krishika* : 4
27. Ram, P.K. (2012). Bakri palan hetu vyavharik evam vaigyanik jankariyan, *Adhunik Kisan*, **42(1)**: 50-51
28. Ram, P.K. (2012). Brucellosis mada pashuon mein sankramak garbhpat ka ek mukhya karan, *Pashupalan* : 3-4
29. Ram, P.K. (2012). Garmi ritu mein dudharu pashuon ka dudh utpadan kaise badhayein *Krishika* : 4
30. Ram, P.K. (2012). Murgiyon mein chujon ka behtar prabandhan: kyon aur kaise, *Pashupalan*: 4
31. Ram, P.K. (2012). Pashuon mein banjhpan ki samasya, karan evam nidan, *Adhunik Kisan*, **42(2)**: 30-32
32. S. Deo and S.R. Sarkar (2012). Bachchon ka vastron prabandhan evam swasthyay par prabhav, *Adhunik Kisan* :46-47
33. Saha, L.R. (2012). Falon ka bharwat banana, *Adhunik Kisan* **41(2)** : 38
34. Sarkar, S.R., Kumari, R. and Deo, S. (2012). Manjusha chitrakala vastron par karein ghar baithe rojgar karein, *Adhunik Kisan* : 40-41
35. Singh, A.K. Bhatt, B.P. and Singh, D. (2013). Efficient cultural practices-Curbing plant diseases in the climate change era, *Indian Farming* : 28-29
36. Singh, H. and Kumar, N. (2012). Khunti prabandhan, *Audyogik Fasal Ganna*, SRI, Pusa: 27-28
37. Singh, M.P. and Suman, S.N. (2012). Jaivik kheti, *Adhunik Kisan* **41 (2)** : 13-18
38. Singh, S.K., Varshney, S.K. and Singh, S.R.P. (2012). Beej jal shodhan : kharcha kam aay adhik, *Adhunik Kisan*: 26-27
39. Singh, S.P. and Prasad, S.S. (2013). Samasyagrast mrida evam prabandhan, *Adhunik Kisan*, **42 (2)** : 4-7
40. Singh, S.P. and Suman, S.N. (2012). Paudhon mein poshak tatwon ke karya, *Adhunik Kisan* **41(2)** : 17-18
41. Singh, S.P., Singh, R. and Kumar, M. (2012). Adhik evam gunvattayukta utpadan ke liye gandhak ka prayog, *Adhunik Kisan*, **41(2)** : 7-9
42. Sinha, A. (2013). Matri shishu swasthyay sevaon ka kaise karein sadupyog, *Adhunik Kisan* **42(1)**: 61

43. Suman, S.N. and Jha, S. (2012). Tikau kheti kyon evam kaise, *Adhunik Kisan*, **41(3)** : 1-3
44. Tiwari, S. and Singh, P. (2012). Mitti janch ki Avashyakta, *Adhunik Kisan*, **41(2)**: 1- 4
45. Yadav, K., Mallik, M. and Pandey, R.K. (2012). Jivanu khad evam prayog vidhi, *Adhunik Kisan*, **41 (2)** : 9-12

Books Published

1. Kumari, Arunima (2013). Encyclopedia of Bihar, Prabhat Publication, Patna: 201p
2. Dayaram, (2012). Mushroom Utpadan, RAU, Pusa: 35p
3. Kashyap, S. (2012). Ergonomic assessment of old age home, LAP Germany: 200p
4. Kumar, V. (2012). Osmotic dehydration of litchi pulp, LAMBERT Academic Publishing, Germany: 95p
5. Kumar, S., Kumar, V. & Sahu, R.K. (2012). Fundamentals of Agricultural Engineering, Kalyani Publication, Ludhiana: 565p
6. Prasad, S. Reena and Prasad, B. (2013). Rats and their managements, Satish Serial Publishing, New Delhi : 293 p
7. Prasad, S., Reena and Sinha, B.K. (2013). Mites and their management, New India Publishing Agency, New Delhi: 214 p
8. Singh, S.K. (2012). Baghwani Faslon me Samekit Rog-Keet Prabandhan (Hindi), Scientific Publishers, Jodhpur : 461p

Books Chapters Published

1. Choudhary, A.K. and Singh, P.P (2012). Genetic diversity study in Bunda (*Colocasia esculenta* var. *esculenta*), Aroids opportunities and challenges, Allied publishers Pvt. Ltd. :76-81
2. Jha, P.K (2013). Paan men samekit keet-Vyadhi Prabandhan, Bagwani faslon men Samakit Rog-Keet Prabandhan, Scientific Publisher, Jodhpur: 218-222
3. Jha, P.K and Singh, S.K. (2013). Poshan Prabandhan dwara Bagwani Phaslon men Rog Prabandhan, Bagwani Phaslon men Samekit Rog-Keet Prabandhan, Scientific Publisher, Jodhpur: 10-12
4. Kumar, B. (2012). Integrated Disease Management of Pulses, Glimpses of Phytopathology for sustainable Agriculture, A.B. Publication, Delhi: 168-175
5. Kumar, N., Kumar, R. and Tanti, M. (2012). Utpadan ki Anushanshit Taknik, Udyogik Fasal Ganna, SRI, Pusa: 18-29
6. Kumar, S., Tripathi, .S., Singh, D. and Kumar, A. (2013). Present Scenario of Web Blight Disease of Urdbean and their Management status: a Review, Title of book- Plant Disease Management for food security "Role of plant diseases in global food security", Lambert Academic Publishing, Germany: 46-71
7. Kumari, R, Singh, P.P and Rai, R.C (2012). Integrated Management of Diseases of Elephant foot yam (*Amorphophallus paloniifolius*), Aroids opportunities and challenges, Allied publishers Pvt. Ltd. 240-245
8. Singh, D. Kumar, A. and Prajapati, C.R. (2013). Integrated Disease Management of Faba Bean, Title of book- Plant Disease Management for food security "Role of plant diseases in global food security", Lambert Academic Publishing, Germany : 144-192
9. Singh, D. Kumar, A. Singh, A.K. and Tripathi, H.S. (2013). Epidemiology and Management of pea rust caused by *Uromyces viciae fabae* (Pers.) de Bary, Plant Disease Management for food security "Role

of plant diseases in global food security”, Lambert Academic Publishing, Germany : 193-214

10. Singh, P.P, Singh, J.R.P. and Singh, V.P. (2012). Amorphophallus : A cash crop for livelihood and economic Security in Bihar, Aroids opportunities and challenges, Allied publishers PVT. Ltd. :344-351
11. Singh, V.P. and Jha, C.K. (2012). Jalvayu parivartan ka lkh utapadakta par prabhav, Jalvayu parivartan evam Phasalotpadan (Bihar ke pariprekshya mein), RAU, Pusa : 47-56