

Publications

Full length Research Papers

1. **Kharub AS**, DS Chauhan, RK Sharma, SC Tripathi and RS Chhokar. 2003. Diversification of rice-wheat system for improving soil fertility and productivity. *Indian Journal of Agronomy*. 48(3):149-152
2. **Kharub, AS**, RK Sharma, AD Mongia, RS Chhokar, SC Tripathi and VK Sharma. 2004. Effect of rice straw removal, burning and incorporation on soil properties and crop productivity. *Indian Journal of Agricultural Sciences*. 74(6):295-299
3. SC Tripathi, AD Mongia, RK Sharma, **Kharub AS** and RS Chhokar. 2005. Wheat productivity at different sowing dates in various agro climatic zones of India. *SAARC Journal of Agricultural Research*, 3:191-201
4. **Kharub AS** and SP Gupta . 2003. Quality traits in durum and aestivum wheat genotypes as influenced by Zn application. *Indian Journal of Agricultural Research* 37(1):48-51
5. **Kharub AS**, and VK Sharma. 2002. Effect of Nutrient combinations on wheat productivity under Typic Ustochrept soils of Karnal. *Annals of Plant and Soil Research*. Vol 4(1):124-126
6. **Kharub A S**, D S Chauhan, R K Sharma, S C Tripathi and R S Chhokar . 2002. Water soluble liquid fertilizer in wheat quality and productivity. *Agricultural Science Digest*. 22(3):161-163
7. **AS Kharub**, AD Mongia and OP Dhillon. 2006. Effect of Sulphur Application on Wheat Productivity and Quality. *Indian Journal of Agricultural Sciences*. 77(1):18-20
8. AS Kharub, R Chatrath and Jag Shoran, 2008. Performance of wheat genotypes under different tillage environments. *Indian Journal of Agricultural Sciences*. 78(10): 885
9. **Kharub A S**, R K Sharma, S C Tripathi and R S Chhokar. 2006. Wheat productivity, nitrogen response and soil properties in different agro-climatic zones of India. *Annals of soils and plant research*. 8(1):6-10
10. **Kharub A S**, VK Sharma, Vijay Yadav and D S Chauhan. 2006. Effect of planting methods and legume intercropping in cotton on productivity of cotton-wheat system. *Annals of soils and plant research*. 8(1):11-13
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12. **Kharub A S**. 2006. Site suitability criteria for wheat. *Annals of soils and plant research*.. 8(1): 102-103
13. **AS Kharub**, VK Sharma and DS Chauhan. 2007. Suitability of cotton and wheat varieties for cotton – wheat system *International Journal of Agricultural Sciences*. Vol 3(1):87
14. **AS Kharub**, VK Sharma and DS Chauhan. 2007. Evaluation of tillage and weed management options on productivity and profitability of cotton-wheat system. *International Journal of Agricultural Sciences*, Vol.3(1) : 110
15. DS Chauhan, **A S Kharub**, R S Chhokar ,R K Sharma and SC Tripathi and. 2002. Bio-efficacy of Chlorsulfuron on Weeds in Wheat. *Pesticide Journal Research*: 14(1): 161-164.
16. RPS Verma, AS Kharub and B Mishra. 2008. Changing scenario of barley for industrial use. *Indian Journal of Wheat Research*. 1(1&2): 113
17. Kharub AS and Subhash Chander 2008. Effect of organic farming on crop productivity and soil fertility under basmati rice-wheat cropping system. *Indian Journal of Agronomy*. 53(3): 172.
18. **Kharub AS** and Subhash Chander 2009. Effect of nitrogen scheduling on wheat productivity and quality under alternate tillage practices. *Indian Journal of Agricultural Sciences*. 80(1) 29-32
19. Ajmer Singh, Satyavir Singh, **A.S. Kharub**. 2009. Kapas –gehoon fasal padati ka samajik avam arthik vishlasan. *Bhartiya Krishi Anusandhan Patrika*, Karnal
20. Kharub AS and Subhash Chander, 2010. Integrated nutrient supply in rice wheat system. *Indian Journal of Agricultural Sciences*. 80(4) 282-86.

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1. **Kharub AS** 2007 Management options for bridging the yield gaps in wheat. International conference on sustainable agriculture for food, bioenergy and livelihood security held at Jabalpur during 14-16 Feb, 2007
2. **Kharub AS** 2006 Productivity and quality of wheat and basmati rice as influenced by organics. 18th World Congress of Soil Science, July 9-15, 2006, Philadelphia, USA
3. **AS Kharub**, AD Mongia and J Shoran. 2003. Advances in Wheat Production Technologies. 1st Central Asian Wheat Conference, Almaty. June 10-13, 2003
4. **Kharub AS**, AD Mongia, RK Sharma, SC Tripathi, RS Chhokar, SC Tripathi and Jag Shoran. 2005. Wheat productivity, nitrogen response and soil properties in different agro-climatic zones of India. Presented 7th Agricultural Science Congress, Feb. 16-18, 2005 Pune. pp 5-6.
5. **Kharub AS**, AD Mongia and Jag Shoran. 2004. Response of wheat varieties under different tillage options. Presented in National conference on Resource Conservation technologies for social upliftment Dec. 07-09, 2004, New Delhi. pp 191-192.
5. Mongia AD, **Kharub AS**, RK Sharma, SC Tripathi and RS Chhokar. 2004. Fertiliser management in zero till wheat. Paper presented in 69th Annual Convention of Indian Society of soil science. October 27-30, 2004, APAU, Hyderabad.
6. **Kharub AS**, AD Mongia, RK Sharma, SC Tripathi and RS Chhokar. 2004. Impact of organic and inorganic fertilisation on productivity and quality of wheat. Paper presented in 69th Annual Convention of Indian Society of soil science. October 27-30, 2004, APAU, Hyderabad.
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8. Verma RPS, **Kharub, AS** and Mishra B. 2008. Dual purpose barley for green fodder and grain in dry areas of India. Presented in 10th International Barley Genetics Symposium 5-10 April, 2008 held at Alexandria, Egypt.
9. **AS Kharub**, RPS Verma and Jag Shoran . 2009. Dwiuddesiye Jau ki Vaigyanik kheti. In Panchvi Rastriya Vaigyanik Sangosthi on 21vi sadi mein krishi ki dasa avam dishaye held on 21-22 Jan, 2008 at NDRI Karnal.
10. Ajit Singh Kharub and R.P.S Verma. 2010. Productivity and quality of Barley under different tillage and resource management options. In XIX National Symposium on Resource Management Approaches Towards Livelihood Security, Indian Society of Agronomy at UAS Dharwad, December 2-4, 2010. p 433
11. **AS Kharub**, RPS Verma and, Dinesh Kumar . 2011. Resource management approaches towards productivity and malting quality of barley in 11th International Barley Genetics Symposium Hangzhou, China April 14-20, 2012.
12. D. Kumar, S. Narwal, R.P.S. Verma, **A.S. Kharub** and Indu sharma. 2012. Grain composition of Indian Barley in relation to malting and industrial quality. Abstract presented in International Conference on Plant Biotechnology for Food Security: New Frontiers New Delhi, India on 21-24 February, 2012.
13. Kumar, Dinesh; Verma, RPS; Kharub, AS; Sarkar, B; Selvakumar, R and Sharma, I. (2012) Biochemical and molecular basis of abiotic stress tolerance in barley: A review. Invited lecture in Zonal seminar on 'Physiological and molecular interventions on sustainable crop productivity under changing climatic conditions. 17 January, 2012. Indian society of plant physiology & Medicinal & Aromatic plants association of India Anand Agricultural University, Anand, Gujarat

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Poplar articles

1. **AS Kharub**, Jag Shoran, AD Mongia and DS Chauhan. 2003. Wheat productivity after rice and cotton under rotary tillage in comparison to conventional practice. *Indian Wheat Newsletter*. July-December 2003. 9(2): 7.
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5. **AS Kharub**, RPS Verma and B Sarkar. 2007. Optimisation of date of cutting for green fodder in dual purpose barley. *DWR News*. Jan-June 2007: 1(1):4
6. **AS Kharub**, RPS Verma and B Sarkar. Dviudeshiya jau ka hare chare mein paryog hetu katai ke liye din ka nirdaran. *Gehoon Samachar*. January-June 2007. 1(1):4
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11. Ajit Singh Kharub and Ramesh Pal Singh Verma. 2010. Uttar-Paschimi Maidani Khetron mein Jau utpadan Hetu Uchit Sansadhan Parbandhan (Hindi). *Krishi Kiran*, Vol. 3, 29-34.
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15. AS kharub, RPS verma, Dinesh kumar, B Sarkar, R Selvakumar and Vishnu kumar. 2012. Production technology of malt barley for better rural livelihood, *Krishisewa.com*
16. AS kharub, RPS verma, Dinesh kumar, B Sarkar, R Selvakumar and Vishnu kumar. 2012. Dual purpose barley: Boon for farmers of dry areas, *Krishisewa.com*

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1. **AS Kharub**, DS Chauhan, BD Sharma, NR Bhari, SS Dhillon and Jag Shoran. 2003. A Package for cotton-wheat production technology. *Wheat Extension Bulletin-14*, Directorate of Wheat Research, Karnal
2. RK Sharma, SC Tripathi, **AS Kharub**, RS Chhokar, AD Mongia, Jag Shoran, DS Chauhan and S Nagarajan. 2005. A Decade of Research on Zero Tillage and Crop Establishment. *Research Bulletin No.18*. Directorate of Wheat Research, Karnal. pp 36.

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7. R.P.S. Verma, **A.S. Kharub**, D. Kumar, B. Sarkar, R. Selvakumar, Randhir Singh, Rekha Malik, Raj Kumar and Indu Sharma.2011. Fifty. Years of Coordinated Barley Research in India. Directorate of Wheat Research, Karnal-132001. Research Bulletin. No 27;p 46.
8. R.P.S. Verma, **A.S. Kharub**, D. Kumar, B. Sarkar and R. Selvakumar, R Malik and Indu Sharma.2012. A compendium of lectures on “Malting Quality Improvements in Barley, Sorghum & Corn”. Directorate of Wheat Research, Karnal (January 28 - February 6, 2012) DWR, Compendium No. 5, P 126.
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2. DWR Progress Report, 2004. Resource Management, Volume 4. AD Mongia, RK Sharma, **AS Kharub**, SC Tripathi, RS Chhokar and Jagshoran (Eds) AICWIP, Directorate of wheat Research, Karnal - 132 001.
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9. Anonymous 2011. Progress Report of AICW&BIP 2010-11. Vol. 6. Barley Network. Eds. RPS Verma, AS Kharub, Dinesh Kumar, B. Sarkar, R. Selvakumar, Randhir Singh, Satyavir Singh, Rajkumar, Ajay Verma, and Indu Sharma. Directorate of Wheat Research, Karnal. India.P.302.
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