

List of Publications of Dr Sindhu Sareen

Papers published / accepted:

1. D Garg, **S Sareen**, S Dalal, R Tiwari, R Singh (2013) Grain filling duration and temperature pattern influence the performance of wheat genotypes under late planting. *Cereal Research Communications* (in press).
2. **S. Sareen**, B. S. Tyagi, V. Tiwari & I. Sharma (2012) Response Estimation of Wheat Synthetic Lines to Terminal Heat Stress Using Stress Indices. *Journal of Agricultural Science* 4 (10): 97 – 104.
doi:10.5539/jas.v4n10p97 URL: <http://dx.doi.org/10.5539/jas.v4n10p97>
3. **Sareen, S.**, R. Munjal, N.B. Singh, B.N. Singh, R.S. Verma, B.K. Meena, J. Shoran, A.K. Sarial and S.S. Singh (2012) Genotype x Environment Interaction and AMMI Analysis for Heat Tolerance in Wheat. *Cereal Research Communications* 40(2): 267-276
4. D Garg, **S Sareen**, S Dalal, R Tiwari, R Singh (2012) Heat shock protein based SNP marker for terminal heat stress in wheat (*Triticum aestivum* L.) *AJCS* 6(11):1516-1521 *URL: http://www.cropj.com/garg_6_11_2012_1516_1521.pdf*
5. Singh, R., Tyagi, B. S., Pahwa, G., **Sareen, S.** and Tiwari, R. (2012) Molecular marker-based detection of *Ph1b* mutation to increase homoeologous pairing in wheat (*Triticum aestivum*) *Indian Jour. Ag. Sc.* **82** (4): 363-5
<http://epubs.icar.org.in/ejournal/index.php/IJAgS/article/view/16651/8040>
6. Dev, I., Khola, O P S, Radotra, S., **Sareen, S.**, Misri, B., Srivastava, A.K. and Sharma, S. K. (2012) Silvicultural approach to improve productivity of native pastures for improved livestock production in mid hills of Western Himalaya. *Indian Journal of Animal Sciences* **82** (11): 1392-1397.
<http://epubs.icar.org.in/ejournal/index.php/IJAnS/article/view/25163>
7. R Malik, S Sareen, S Kundu and J Shoran (2012). The use of SSR and ISSR markers for assessing DNA polymorphism and genetic diversity among Indian bread wheat cultivars. *Progressive Agriculture*. 12 (1). 82-89.
8. Tyagi BS, **Sareen S**, Singh G, Bhardwaj SC, Sharma I (2012) DWRL-1 (IC0590878; INGR12019), Wheat (*Triticum aestivum*) Germplasm with Lodging resistance Carrying Dwarfing Genes, High Protein and Resistance to Rust (Lr19) *Indian Journal of Plant Genetic Resources* 25(3): 326
9. **Sareen S**, Kundu S (2012) HTW 6 (IC029007A; INGR11012), a Wheat (*Triticum aestivum* L) Germplasm, with Terminal Heat Tolerance; Suffers Only 7% Reduction in Thousand Grain Weight Under Heat Stress; 1000-Grain Weight (39 g) *Indian Journal of Plant Genetic Resources* 25(2):
10. **Sareen S**, Kundu S (2012) HTW 11 (IC035117; INGR11013), a Wheat (*Triticum aestivum* L) Germplasm, with Terminal Heat Tolerance with Only 9% Reduction in 1000-Grain Weight Under Late Planting (heat stress); 1000-Grain Weight is 38 g (37-40 g) Under Heat Stress; The Heat Susceptibility Index is 0.83 and Heat Tolerance Index is 0.94 *Indian Journal of Plant Genetic Resources* 25(2):

11. Dev, I, S. Radotra, Singh, G. P., Pathania, M. S. and **Sareen, S.** (2011) Role of farm women in forage based livestock production system in north-western Himalaya. *Range Mgmt. & Agroforestry* 32 (2): 124-130.
12. R. Malik, **S. Sareen**, S. Kundu, R. Kumar and Jag Shoran (2010). The use of SSR and ISSR Markers for assessing DNA polymorphism and genetic diversity among Indian bread wheat cultivars. *Environment & Ecology* 28: 1333-1337.
13. Dev., I, B. Misri, S. Radotra, **S. Sareen**, V. Singh and M S Pathania (2009) Livestock scenario and socio-economic profile of an alpine area in Western Himalaya. *Ind. Jour. Animal Science* 79: 824 - 828.
<http://epubs.icar.org.in/ejournal/index.php/IJAnS/article/view/3100>
14. Kundu, S., **S. Sareen**, R. Malik, Shailesh Kumar and Jag Shoran (2009) Cutting cost for germplasm conservation. *Gene Conserve* 31: 698 - 707.
<http://www.geneconserve.pro.br/site/articles/lib/pastaup/artigo064.pdf>
15. B S Tyagi, **S Sareen**, Gyanendra Singh and Jag Shoran (2008) Opportunities in wide hybridization for breaking wheat yield stagnation in *Indian Journal of Wheat Research* 2(1): 20-28.
16. **Sareen, S.**, S. Kundu, R. Malik, Shailesh Kumar and Jag Shoran (2008) Durability of packing systems for germplasm conservation under cold dry conditions in western Himalayas. *Ind. Jour. Plant Genetic Resources*. 20(3): 204-207.
17. Sarial, A. K., **Sindhu S. Sarial** and V. P. Singh (2007) Heterosis and combining ability analysis for grain quality and physico-chemical traits involving fertility restorers with basmati background in rice (*Oryza sativa* L.) *Ind. Jour. Genet. Plant Breeding* 67: 156 - 160.
18. **Sareen S** and InderDev (2006) Response of white clover genotypes to phosphorus and rhizobium. *Annals of Agricultural Research* 27(2): 111-115.
19. **Sareen, S.** (2005) Classification of white clover collections using microsatellite analysis. *Legume Research* 29 (1): 38 - 42.
20. **Sareen, S.**, Singh, Ram and Inder Dev (2005) Effect of phosphorus level on herbage quality of white clover genotypes. *Forage Research* 30: 207 - 208.
21. Dhar, M. K., S. Kaul, **S.Sareen**, and A. K. Koul (2005) *Plantago ovata*: genetic diversity, cultivation, utilization and chemistry. *Plant Genetic Resources* 3 (2): 252-263
22. **Sareen, S.** (2004) Seed production potential in *Lotus corniculatus* L. (birdsfoot trefoil). *Lotus Newsletter* 34:5 - 11.
<http://www.inia.org.uy/sitios/lnl/vol34/sareen.pdf>
23. Misri B and **Sareen S.** (2004) Regeneration potential of mid-hill grasslands of Himachal Pradesh. *Indian Forester* 130 (11): 1299 - 1302
<http://www.jnronline.com/index.php/indianforester/article/view/2147>

24. **Sareen, S.** and Inder Dev (2003) A preliminary study to explore potential of *Lotus corniculatus* (birdsfoot trefoil) in Palampur, Himachal Pradesh, India. *Lotus Newsletter* 33: 3 -5.
<http://www.inia.org.uy/sitios/ln/vol33/sareen.pdf>
25. **Sareen, S.** (2003) Evaluation and characterization of white clover collections. *Ind. Jour. Plant Genetic Resources* 16 (1): 7 -9.
26. **Sareen, S.** (2002) Variability in white clover from Indian Himalaya. www.fao.org/ag/AGP/AGPC/doc/bulletin/whiteclover.htm
27. **Sareen, S.** (2001) Reproductive effort in forage legumes - white and red clover. *Legume Res.* **24** (4): 264-267.
28. **Sareen, S.** (2000) Seed production potential of white clover populations growing under different light conditions. *Int. Jour. Plant Varieties and Seeds* **13**: 125 - 128.
29. **Sareen, S.,** and A.K. Koul (1999). Mutation breeding in improvement of *Plantago ovata* Forsk. *Ind. Jour. Genet. & Plant Breeding* **59** (3): 337 -344.
30. **Sareen, S.,** V. Kaul and A.K. Koul (1999) Resource allocation in gamma ray treated plants of *Plantago ovata* Forsk. *Crop Improvement* **25** (3): 38 - 45.
31. Padha, L., **S.Sareen,** A.K. Koul and R. Mangotra (1998) Genetic diversity among *Plantagos* XXXI. A tertiary trisomic of *Plantago ovata* - Nature, Behaviour and Origin. *Cytologia* **63** : 141 - 148.
32. Padha, L., **S.Sareen,** R. Mangotra and A.K. Koul (1998) Genetic diversity among *Plantagos* XXXIII. Interchanges in *Plantago ovata* Forsk. *Caryologia* **51** (2): 149 - 158.
33. Misri, B. and **S.Sareen** (1998) Regeneration dynamics of mid hill grasslands of Kangra Valley. I. Premonsson period. *ENVIS* **6** (2): 3-5.
34. Munshi, A., **S.Sareen,** A. Langer and A.K. Koul (1995) Cytogenetic studies on primary trisomics of *Plantago lanceolata* L. *Proc. Ind. Nat. Sci. Acad.* **B 61** (4) : 339 - 346.
35. **Sareen, S.,** A.K. Koul and A. Langer (1994) A novel trisomic in *Plantago lanceolata* L. *New Botanist* **XXI** : 29 - 35.
36. **Sareen, S.** and A.K. Koul (1994) Genetic diversity among *Plantagos* XXIX. Desynapsis in *Plantago ovata* Forsk. *Cell Chr. Res.* **71** (1): 35 - 39.
37. **Sareen, S.** and A.K. Koul (1993) Genetic diversity among *Plantagos* XXVII. Triploidy in *Plantago ovata* Forsk. *The Nucleus* **36** (1): 32 - 33.
38. **Sareen, S.** and A.K. Koul (1992). Genetic diversity among *Plantagos* XXVII. Effect of gamma rays on *Plantago ovata* Forsk. *Indian Drugs* **29** (7) : 316 - 317
39. **Sareen, S.** and A.K. Koul (1991) Gamma ray induced variation in *Plantago ovata*. *Crop Improvement* **18** (2) : 144 - 147.
40. **Sareen, S.,** Munshi, A., A.K. Koul and A. Langer (1990) Genetic diversity among *Plantagos* XIX. Studies on primary trisomics of *Plantago lanceolata* L. *Cytologia* **55** (4) : 601 - 608.

41. **Sareen, S.**, Munshi, A., A.K. Koul and A. Langer (1990) Genetic diversity among *Plantagos* X. An interchange trisomic of *Plantago lanceolata* L. *Cytologia* **55** (3) : 357 - 361.
42. **Sareen, S.**, A.K. Koul and A. Langer (1990) Genetic diversity among *Plantagos* XI. Karyotype polymorphism in *Plantago lanceolata* L. *C.I.S.* **49** : 13 -15.
43. **Sareen, S.** (1990) Genetic diversity among *Plantagos* XV. Induced trisomy in *Plantago ovata* Forsk. *Cell Chr. Res.* **13** (1) : 22 - 25.
44. **Sareen, S.**, Koul, A.K. and Langer, A. (1988). NOR size in relation to nucleogenesis. *The Nucleus* **31** (1,2) : 20 - 23.

Papers/ Reviews published in Books:

45. Tyagi, B.S., **S. Sareen**, G. Singh, S. Ram and S.S. Singh (2011) Utilizing novel genes from alien and wild gene pool through pre breeding. In *Wheat-Productivity Enhancement under Climate Change* (Eds. S. S. Singh *et al.*) Narosa Publishing House Pvt. Ltd., New Delhi pp: 95-104.
46. **S. Sareen** and C. N. Mishra (2011) Physiology. In *100 years of Wheat Research in India- a saga of distinguished achievements* (Eds. S. S. Singh *et al.*) pp: 85-94.
47. **Sareen, S.**, A. K. Sarial and A. K. Koul (2009) Apomixis and hybrid seed production. In: '*Seed Science and Technology*' Eds. N. C. Singhal and A. Gaur 419 - 440.
48. **Sareen S.** (2008) Utilization of wild species in wheat improvement. In Training Manual, '*Advances in genetic enhancement and resource conservation technologies for enhanced productivity, sustainability and profitability in rice wheat cropping system*'. DWR, Karnal.
49. Malik, R., S. Kundu, and **S.Sareen** (2007) Agroforestry for Biodiversity Conservation. In: '*Environment, Agroforestry and livestock management*' (Eds. S. S. Kundu, O. P. Chaturvedi, J. C. Dagar and S. K. Sirohi). International Book Distribution Company, Lucknow pp: 223-232.
50. **Sareen, S.** and B. S. Tyagi (2007) Wheat species as genetic resources in wheat improvement. In Training Manual, '*Wheat Germplasm Management in IPR Regime*'. DWR, Karnal pp: 37-46.
51. **Sareen, S.** B. Misri, and Inder Dev (1998) Morphological variability in native populations of white clover (*Trifolium repens* L.). *Sustainability of Hill Agriculture: emerging threats and possible solutions*. Ed. A. C. Kapoor, pp: 220 - 226.
52. Koul, A.K., and **S. Sareen** (1996) *Plantago ovata* : cultivation, botany, utilization and improvement. *Cultivation and Utilization of Medicinal Plants* (supplementary volume) Eds. S.S. Handa and M.K. Kaul. pp. 477 - 495.
53. Koul, A.K., **S. Sareen** and M. K. Dhar (1994) Cytogenetic studies on blond psyllium. *Plant Cytogenetics in India* pp. 77 - 88

Papers published in Proceedings:

54. Sarial A. K., H.G Zheng, **S. Sareen**, Rattan Singh and H. T. Nguyen (2008). Validation of microsatellite marker linked to root thickness for marker-assisted selection in rice. Proc. national conference on Biotechnology vision 2020, held on 8-9 Dec, 2008 at Sardar Vallabh Bhai Patel Univ. of Agriculture & Technology, Meerut-India 1-4 pages (in press).
55. Sarial A.K., Haile J.K., Assefa S. and **S. Sareen** (2008) AMMI analysis for stability and location effect on grain yield and its components of durum wheat genotypes. Accepted for **oral presentation** and publication in *Proc. 11th International Wheat Genetic Symposium to be held in Brisbane , Australia from 24-29 Aug, 2008.*
56. Malik, R., S Kundu , **S Sareen**, R Kumar, Jagshoran and B Mishra (2008) SSR and ISSR Markers for Assessing DNA Polymorphism and Genetic Diversity among Bread Wheat Varieties of India Accepted for poster presentation and publication in *Proc. 11th International Wheat Genetic Symposium to be held in Brisbane , Australia from 24-29 Aug, 2008.*
57. Dev, I., B. Misri, S. Radotra and **S. Sareen** (2005) Cereal- clover bicropping: a new approach for sustaining fodder and crop productivity. Jour. Ag. Res. Management 4 (Suppl): 105 – 107.
58. Misri, B., Inder Dev, **S. Sareen** and S. Radotra (2005) Suitable fodder trees for silvipastoral intervention for forage resource enhancement in mid-hill Himalaya. Proc. National Conference on Resource Conserving Technologies for Social Upliftment pp: 682 - 685.
59. Misri, B., O. P. Khola, Inder Dev, **S. Sareen** and S. Radotra (2005) Natural resource enhancement and conservation through silvipasture in the mid hills of Himachal Pradesh. Proc. National Conference on Resource Conserving Technologies for Social Upliftment pp: 659 - 665.
60. Misri, B., **S. Sareen.**, Inder Dev and Bhupinder Singh (1999) Collection, evaluation and introduction of fodder trees and shrubs. **Proc. of final workshop on Indo - UK project (1994 - 1999)** held at IGFRI, Jhansi.

Technical Bulletins / Manuals:

61. Kundu, S., **Sareen, S.**, Malik, R., Singh, S., Singh C. B., Tiwari, V., Sharma, I (2011) Wheat Germplasm Catalogue-IV (Research Bulletin No. 26) P 215.
62. Kundu, S., R. Malik, **S. Sareen** and B. Mishra (2007) Training Manual, 'Wheat Germplasm Management in IPR Regime'. DWR, Karnal P: 139.
63. Sarial, A. K., **Sindhu S. Sarial** and R. Bakshi (2007) Plant Breeding Practical Manual. COA, Kaul HAU Hisar P: 69.
64. **Sareen S**, B. Misri and Inder Dev (2005) *White Clover Germplasm Catalogue*. IGFRI, Jhansi

Contributions made in compilation/documentation:

65. Tiwari V, Chatrath R, Singh G, Kumar R, Tyagi BS, **Sareen S**, Singh SK, Kumar S, Singh CN, Venkatesh K, Verma A and Sharma I (2012) Progress Report of the All India Coordinated Wheat And Barley Improvement Project 2011-12, Vol I, Crop Improvement P. 308
66. **S. Sareen**, H.M. Mamrutha, O P Dhillon and V Tiwari (2012) Drought and Heat Tolerance Screening Nursery. In AICW&BIP Progress Report Vol V, Genetic Resources pp: 17-22.
67. Tyagi, B.S., **S. Sareen**, G. Singh, V. Tiwari and I. Sharma (2012) Pre-Breeding for biotic and abiotic stresses in Wheat. In AICW&BIP Progress Report Vol V, Genetic Resources pp: 44-49.
68. Tyagi, B.S., **S. Sareen**, G. Singh, V. Tiwari and SS Singh (2011) Pre-Breeding for biotic and abiotic stresses in Wheat. In AICW&BIP Progress Report Vol V, Genetic Resources pp: 43-50.
69. **S. Sareen**, J. Rane, O P Dhillon and V Tiwari (2011) Drought and Heat Tolerance Screening Nursery. In AICW&BIP Progress Report Vol V, Genetic Resources pp: 19-24
70. Tiwari V, Chatrath R, Singh G, Tiwari R, Kumar R, Tyagi BS, **Sareen S**, Singh SK, Kumar S, Singh CN, Venkatesh K, Goyal VK, Rane J, Verma A and Sharma I (2011) Progress Report of the All India Coordinated Wheat And Barley Improvement Project 2010-11, Vol I, Crop Improvement P. 312.
71. Shoran J, Verma, A., Tiwari V, Chatrath R, Singh G, Kundu S, Tiwari R, Kumar R, Tyagi BS, **Sareen S**, Singh SK, Sharma P, Singh R, Malik R, Sheoran S, Kumar S, Singh C and Singh SS (2010) Progress Report of the All India Coordinated Wheat And Barley Improvement Project 2009-10, Vol I. P. 47.3.
72. Tyagi, B.S., **S. Sareen**, Jag Shoran and SS Singh (2010) Pre-Breeding for Yield Components and biotic and abiotic stresses in Wheat. In 'Germplasm Evaluation and Enhancement' pp: 48-53.
73. **S. Sareen**, O P Dhillon and Jag Shoran(2010) Drought and Heat Tolerance Screening Nursery. In 'Germplasm Evaluation and Enhancement' pp: 15-23
74. Shoran J, Tiwari V, Chatrath R, Verma, A., Singh G, Kundu S, Tiwari R, Kumar R, Tyagi BS, **Sareen S**, Singh SK and Singh SS (2009) Progress Report of the All India Coordinated Wheat And Barley Improvement Project 2009-10, Vol I. P. 47.3.
75. Kundu, S., R. Malik, **S. Sareen**, Jag Shoran and S.S. Singh (2009) Germplasm Evaluation and Enhancement. Crop Improvement Programme, DWR, Karnal P: 67.
76. **S. Sareen**, B.K. Meena and Jag Shoran (2009) Drought and Heat Tolerance Screening Nursery. In 'Germplasm Evaluation and Enhancement' pp: 15-22.
77. Tyagi, B.S., **S. Sareen**, SK Singh, Gyanendra Singh, Jag Shoran and S. S. Singh (2009) Pre-Breeding for Yield Components and Resistance to diseases and heat stress in Wheat. In 'Germplasm Evaluation and Enhancement' pp: 52-59
78. Shoran J, Chatrath R, Tiwari V, Kundu S., Singh G, Kumar R, Tyagi BS, J Rane, **Sareen S**, Singh SK and Mishra B (2008) Progress Report of the All India Coordinated Wheat And Barley Improvement Project 2007-08, Vol I. P. 43.2.

79. Kundu, S., **S. Sareen**, R. Malik, Jag Shoran and B. Mishra (2008) Germplasm Evaluation and Enhancement. Crop Improvement Programme, DWR, Karnal P: 67.
80. **Sareen S**, R. Malik, S Kundu and Jag Shoran (2008) Promising Accessions for Yield Characters in Germplasm Collections. In 'Germplasm Evaluation and Enhancement' pp 58-61
81. Tyagi, B.S., SK Singh, **S. Sareen**, Gyanendra Singh, Jag Shoran and B. Mishra (2008) Pre-Breeding for Yield Components, Disease Resistance, Biotic and Abiotic Stresses and Quality in Wheat. In 'Germplasm Evaluation and Enhancement' pp: 50-57
82. J Rane, **S. Sareen** and B.K. Meena (2008) Drought and Heat Tolerance Screening Nursery. In 'Germplasm Evaluation and Enhancement' pp: 13-19
83. Kundu, S., **S. Sareen**, Jag Shoran and B. Mishra (2007) Germplasm Evaluation and Enhancement. Crop Improvement Programme, DWR, Karnal P: 52.
84. BS Tyagi, SK Singh, **S. Sareen**, Gyanendra Singh, Jag Shoran, B. Mishra (2007) Pre-breeding for yield and disease resistance in wheat. In 'Germplasm Evaluation and Enhancement' pp: 41-47.

Popular articles/ Leaflets:

85. Tyagi, B. S., **S Sareen**, G Singh and R P S Verma (2012) Screening and identification of drought tolerant wheat genotypes. *Wheat & Barley Newsletter* **5** (2): 2.
86. Sheoran S, B Pandey , S Narwal, **S. Sareen** and R Chatrath (2012) Physico-chemical and functional characterization of antioxidant proteins in bread wheat. *Wheat & Barley Newsletter* **5** (2): 4.
87. Tyagi B S, G Singh, **S Sareen**, P Sharma and S C Bhardwaj (2012) Dwarf genetic stocks with lodging and rust resistance. *Wheat & Barley Newsletter* **5** (2): 5.
88. Sharma, P, M saini and **S Sareen** (2012) ISSR analysis on genetic diversity among heat tolerant synthetic wheats. *Wheat & Barley Newsletter* **5** (2): 7.
89. **Sareen, S.** Chatrath, R. and Tyagi, B.S. (2011) Screening and identification of heat tolerant wheat genotypes. *Wheat & Barley Newsletter* **5** (1): 3.
90. **Sareen, S.**, B. S. Tyagi and Jag Shoran (2008) Thermal tolerance in synthetic hexaploids. *DWR News* (January-June, 2008).
91. Kundu, S., Rekha Malik and **S. Sareen** (2007) New additions in germplasm repository. *DWR News* (July-December, 2007) pp 11.
92. phaD,l caragaah maom vha[T @laaovar]gaaeoM Grow white clover in hill pastures. IGFRI, Jhansi (2005)
93. **Sareen, S.** and B. Misri (1997) Morphological variations in white clover. *IGFRI Newsletter* **3** (3).

Abstracts published/ lectures delivered:

94. Pandey G.C., Garg D, Sharma D, Siwach P, Rane J, **Sareen S**, Tiwari R. (2012) Molecular investigations on grain filling rate in bread wheat (*Triticum aestivum* L.) under Terminal heat stress. ICPBFS Feb 21-24, New Delhi.
95. Singh R, Garg D, Dalal S, **Sareen S**, Sharma D, Tiwari R, Tiwari V, Sharma I (2012) Heat shock protein SNP marker for terminal heat stress in wheat (*Triticum aestivum* L.). ICPBFS Feb 21-24, New Delhi
96. Sheoran S, Saroha M, Dhillon OP, **Sareen S**, Tiwari V & Sharma I (2012) Phenotypic and genotypic variability in thermal tolerant x susceptible RIL population. ICPBFS Feb 21-24, New Delhi.
97. Tyagi, B.S., **S. Sareen**, S. Kumar, G Singh and S. S. Singh (2011) Utilizing novel genes from alien and wild gene pool through pre-breeding. 3rd International Group Meeting on Wheat Productivity Enhancement under changing climate from Feb. 9-12, 2011 at UAS, Dharwad. pp 30.
98. Garg, D., G.C. Pandey, S. Dalal, R Tiwari, R. Singh and **S. Sareen** (2011) Morph-physiological and molecular response of wheat genotypes under heat stress. 3rd International Group Meeting on Wheat Productivity Enhancement under changing climate from Feb. 9-12, 2011 at UAS, Dharwad. pp 72.
99. **Sareen, S.**, BK. Meena , O.P.Dhillon and S S Singh (2011) Exploring indigenous wheat germplasm for terminal heat tolerance. 3rd International Group Meeting on Wheat Productivity Enhancement under changing climate from Feb. 9-12, 2011 at UAS, Dharwad. pp 216.
100. G.C. Pandey, **S. Sareen**, P. Siwach, Garg, D., R. Singh and R Tiwari (2011) Putative marker associated with yield trait in wheat under terminal heat stress. 3rd International Group Meeting on Wheat Productivity Enhancement under changing climate from Feb. 9-12, 2011 at UAS, Dharwad. pp 226.
101. D. Sharma, **S. Sareen**, R Tiwari, V. K. Gupta, Beat Keller, G. Herren and R. Singh (2011) Effect of heat stress on expression of gene encoding enzymes for starch biosynthesis during grain filling period of wheat (*Triticum aestivum* L.). 3rd International Group Meeting on Wheat Productivity Enhancement under changing climate from Feb. 9-12, 2011 at UAS, Dharwad. pp 214.
102. R. Tiwari, M. S. Saharan, **S. Sareen**, Rajender Singh (2011) Addressing abiotic and biotic stresses in wheat under changing climate using molecular interventions. ISCB International Symposium from March 10 -11, 2011 at New Delhi. pp 33
103. D. Sharma, **S. Sareen**, R Tiwari, V. K. Gupta, Beat Keller, G. Herren and R. Singh (2011) Effect of high temperature stress on expression of genes encoding enzymes for starch biosynthesis during grain filling period of wheat (*Triticum aestivum* L.). ISCB International Symposium from March 10 -11, 2011 at New Delhi. pp 78
104. R Tiwari, R. Singh, **S. Sareen**, Jag Shoran and S.S. Singh (2010) Molecular characterization of terminal heat tolerance in wheat. 8th International wheat conference from June 1 -4, 2010 at St. Petersburg, Russia pp: 195.

105. **S. Sareen**, B. S. Tyagi, Gyanendra Singh, Jag Shoran and S.S. Singh (2010) Genetic Enhancement for yield, heat tolerance and rust resistance using synthetic hexaploids in wheat. 8th International wheat conference from June 1 - 4, 2010 at St. Petersburg, Russia pp: 190.
106. Gyanendra Singh, BS Tyagi, **S. Sareen**, Jag Shoran and SS Singh (2010) Breeding for improved tolerance in wheat against abiotic factors to enhance productivity under global climate changes. 8th International wheat conference from June 1 -4, 2010 at St. Petersburg, Russia pp: 202.
107. **Sareen, S.**, BK. Meena , Deepa Garg. , R. Tiwari, Jag, Shoran & B. Mishra (2009) Thermo tolerance on Recombinant Inbred lines of Wheat. 4th World congress on Conservation Agriculture from Feb. 4 -7, 2009 at New Delhi.
108. Malik, R., S Kundu and **S Sareen** (2008) Molecular approaches for better utilization of genetic resources for wheat improvement (Oral Presentation) in 'National seminar on Physiological and biotechnological Approaches to improve plant productivity'. 15-17th March, 2008, Centre for plant biotechnology, HSCS&T, CCSHAU,Hisar.
109. **Sindhu Sareen**, A. K. Sarial and A. K. Koul (2007) Breakthroughs in psyllium improvement. 3rd Global Summit on Medicinal and aromatic Plants to be held at Chiang Mai, Thailand from November 21 - 23, 2007.
110. **Sindhu Sareen**, A. K. Sarial and A. K. Koul (2007) Cytogenetic manipulations for improvement of Isabgol (*Plntago ovata* Forsk.). 3rd Global Summit on Medicinal and aromatic Plants to be held at Chiang Mai, Thailand from November 21 - 23, 2007.
111. **Sareen, S.** and Inder Dev (2005) Identifying promising genotypes of white clover (*Trifolium repens* L) for Himalayan pastures. Nat. Symposium on 'Advances in forage Research and sustainable animal production' at HAU, Hisar, Aug. 29 - 30, 2005, p 23.
112. Dev, I., B. Misri, **S. Sareen** and S. Radotra (2005) Role of farm women in livestock rearing activities in North-Western Himalayan Region. Nat. Symposium on 'Advances in forage Research and sustainable animal production' at HAU, Hisar, Aug. 29 - 30, 2005, p 153.
113. Dev, I, S. Narayanan, R. Singh, B. Misri, **S. Sareen** and S. Radotra (2005). Integrated Nutrient Management for natural grasslands of mid-hills of Himalayas. Proceedings XX International Grassland Congress, Dublin, Ireland, 26th June- 1st July, 2005. Pp-751. Wageningen Academic Publisher
114. **Sareen S.** 2004. Conventional plant breeding still the choice tool for improving non-conventional crops. **Prof. Y. S. Murty Medal Award lecture.** 27th Conference of Indian Botanical Society at S. K. University, Anantpur, Oct. 29 - 31, 2004. p 7.
115. Dev, I., B. Misri, **S. Sareen**, S. Radotra and M. S. Pathania (2004) Fodder resources and livestock rearing problems of farmers in mid hill Himalaya at National Seminar on Opportunities and Challenges in nutrition and feeding management of sheep, goat and rabbit for sustainable production.

116. Dev I, B. Misri, **S. Sareen** and S. Radotra (2004) Enumeration of prevalent fodder tree use in western Himalayan region through PRA. 6th Int. workshop on Trees & shrubs for livestock at Cuba, Nov. 8 -12, 2004. p 119 - 120.
117. Dev I, B. Misri,, **S. Sareen** and S. Radotra (2004) Socio-economic profile of farmers and assessment of natural resources for livestock rearing in subtropical zone of Himalaya. National Conference on Resource conserving technologies for social upliftment held at NASC, New Delhi, Dec. 7 - 9, 2004. p 65.
118. Misri B, Inder Dev, S. Radotra and **S. Sareen** (2004) Silvipastoral approach to improve productivity of native pastures for livestock production in the hills. 6th Int. workshop on Trees & shrubs for livestock held at Cuba, Nov. 8 - 12, 2004. p 240 - 241.
119. Misri B, Inder Dev, **S. Sareen** and S. Radotra (2004) Suitable fodder trees for silvipastoral systems for forage resource enhancement in the mid Himalayas. National Conference on Resource conserving technologies for social upliftment held at NASC, New Delhi, Dec. 7 - 9, 2004. p 193 - 194.
120. Misri B, Khola OPS, Inder Dev, **S. Sareen** and S. Radotra (2004) National resource enhancement and conservation through silvipasture in the mid hills of Himachal Pradesh. National Conference on Resource conserving technologies for social upliftment held at NASC, New Delhi, Dec. 7 - 9, 2004. p 132 - 134.
121. **Sareen S** and Inder Dev (2004) Response of white clover genotypes to phosphorus and rhizobium. 27th Conference of Indian Botanical Society held at S. K. University, Anantpur, Oct. 29 - 31, 2004. p 48.
122. **Sareen S.** (2004) Evaluation of native *Lotus corniculatus* (Birds foot trefoil) collections. 27th Conference of Indian Botanical Society at S. K. University, Anantpur, Oct. 29 - 31, 2004. p 47.
123. **Sareen, S.** and R. Singh (2003) Classification of variability in white clover collections at National symposium on Sustainability advancement and future thrust areas of research on forages.
124. **Sareen, S.** (2003) Seed production potential in birdsfoot trefoil (*Lotus corniculatus* L.) at 26th All India Botanical Conference.
125. **Sareen, S.** and B. Misri (2001) Morphological variability in white clover collections at Diamond Jubilee Symposium on Hundred years of post Mendelian Genetics and plant Breeding - Retrospects and Prospects.
126. **Sareen, S.** (2000) Reproductive effort and seed production potential of white clover (*Trifolium repens* L.) at 23rd Annual Conference of Indian Botanical Society.
127. **Sareen, S.** (1999) Genetic improvement of white clover through characterization of the populations at 22nd Annual Conference of Indian Botanical Society.
128. **Sareen, S.** (1998) Comparative efficiency of gamma rays and EMS as mutagens for blond psyllium (*Plantago ovata* Forsk.) at 85th Indian Science Congress.

129. Misri, B., Inder Dev and **S. Sareen** (1998) Role of fodder trees and bushes in livestock rearing systems of the Himalaya at Golden Jubilee National Symposium on Feeding strategies for sustainable livestock production with emphasis on non-conventional feeds and systems for protein evaluation in ruminants.
130. **Sareen, S.**, B. Misri, and Inder Dev (1998) Morphological variability in native populations of white clover (*Trifolium repens* L.) at International Symposium on Sustainable Agriculture in Hill Area.
131. Misri, B., Inder Dev and **S. Sareen** (1998) Silvopasture - an ideal alternate land use system for Himalayan hills at International Symposium on Sustainable Agriculture in Hill Area.
132. **Sareen, S.**, V. Kaul and A. K. Koul (1996) Resource allocation in gamma ray treated plants of *Plantago ovata* Forsk at IX All India Congress of Cytology and Genetics.
133. Koul, A.K., **S. Sareen** and N. Sharma (1993) Cytogenetic studies on blond psyllium at National Symposium on Plant Cytogenetics.
134. **Sareen, S.** (1993) Trisomy in *Plantago ovata* Forsk. at VIII All India Congress of Cytology and Genetics.
135. **Sareen, S.** (1993) Novel chromosomes in *Plantago lanceolata* at XVI Botanical Society of India. (**Certificate of merit for best paper presentation**).
136. Koul, A.K. and **S. Sareen** (1993) Bottlenecks in improvement of *Plantago ovata* at XVI Botanical Society of India.
137. **Sareen, S.** (1991) Prospects of Mutation breeding in *Plantago ovata* Forsk at 78th session of Indian Science Congress.
138. **Sareen, S.** and A. Munshi (1989) Trisomy in *Plantago lanceolata* at XI Botanical Society of India.
139. **Sareen, S.** (1988) Karyotype polymorphism in *Plantago lanceolata* L. 58th session of National Academy of Sciences.
140. **Sareen, S.**, B. L. Kaul and A. K. Koul (1988) Impact of DMSO on mutagenicity of EMS at 2nd meeting of All India Society of Cytologists and Geneticists.
141. **Sareen, S.** (1987) NOR size in relation to nucleogenesis at VI All India Congress of Cytology and Genetics.

Invited Lectures at workshops/ trainings:

142. **Sareen, S.** (2012) Role of women in Agriculture at Workshop on "Defining the Role of Women Scientists and Teachers in Promotion and Application of Science and Technology" at NASI, Allahabad, Oct 5-6, 2012
143. **Sareen S.** (2008) Utilization of wild species in wheat improvement. Winter School on 'Advances in genetic enhancement and resource conservation technologies for enhanced productivity, sustainability and profitability in rice wheat cropping system' held at DWR Karnal, Jan. 10-30, 2008.

144. **Sareen S.** (2008) Cytogenetic techniques associated with development of crop transgenics. Annual meeting and symposium on 'Transgenics in Defense of agricultural crops' held at DWR Karnal, Dec. 23-24, 2008.
145. **Sareen S.** (2007) Wheat species as genetic resources in wheat improvement. Wheat germplasm management in IPR Regime held at Karnal, Jan. 22 - 29, 2007.
146. **Sareen S** and Misri B. (2004) White clover improvement for Himalayan hills. Annual workshop of AICRP (Forages) Kharif held at Palampur, June 1- 3, 2004.
147. **Sareen S.** (2004) Prospects and possibilities of white clover improvement. Annual workshop of AICRP (Forages) Rabi held at Bhubaneswar, Oct. 8 -10, 2004.