

1. Bajwa, M.N. and M. S. Anwar. 1973. Taxonomic studies of the fungi occurring on paddy seed. M.Sc. Thesis Resesarch.
2. Weidemana, H.L. et al. 1980. Field survey of potato diseases in selected Districts of Pakistan. Federal Biological Research Centre for Agriculture and Forestry, Germany, PP. – II.
3. Anwar, M.S. and M. S. Mirza. 1984. Virus diseases of potatoes in Punjab, Pakistan. J. Agri. Res. 22(1): 85-87.
4. Mirza, M.S. M. S. Anwar and Ch. Umar Din. 1985. Potato Aphid and virus research at AARI, Faisalabad: "Potato in Pakistan" proceedings of National Seminar held at NARC, Islamabad. 2-3, April, 1985. PP: 248-251.
5. Mirza, M.S. and M. S. Anwar. 1986. Elimination of sugarcane mosaic virus from diseased sugarcane buds by thermotherapy. J. Agri. Res. 24(3): 207-210.
6. Mirza, M.S. and M.S. Anwar. 1992. Spread of potato leaf roll virus under field conditions, J. Agri. Res. 34(1): 59-64.
7. Anwar, M. S., M. S. Mirza, M. Ahmad and M. Faqir. 1992. Effect of sugarcane mosaic virus on cane stand and yield J. Agri. Res. 30(4): 513-516.
8. Ahmad, M., K. B. Malik and M. S. Anwar. 1992. Effect of planting season and environmental parameters on the infection and development of sugarcane rust. Proc. Pak. Soc. S. Tech. 27th: 173-181.
9. Anwar, M. S. and M. S. Mirza. 1992. Survey of citrus tristeza virus in Punjab (Pakistan). Proceedings of the first International Seminar on Citriculture held at U.A. Faisalabad 2-5 December, 1992. PP: 413-416.
10. Anwar, M.S., K.B. Malik and F.G. Ali. 1995. Yield and quality losses caused by sugarcane mosaic virus in C.V. BL-4. Pak. Sug. J. 13(4): PP: 7-9.
11. Ali, F.G., A.A. Chattha, M.S. Anwar and Iftikhar. 1999. Importance of sugarcane in economic uplift of Pakistan. Pak. Sug. J. 14(5): PP: 16-17.
12. Anwar, M.S. and M. W. A. Khan. 1998. Screening of sugarcane germplasm for resistance to Red rot *Colletotrichum falcatum* Pak. J. Phyto Path. 10(2) PP: 98-100.
13. Ahmad, M. M. A. Tiwana and M. S. Anwar. 1998. Top rot a bacterial disease of sugarcane in Pakistan. Pak. Journal Bot. (In press).

14. Anwar, M.S., H.M.W.A. Khan & Arshad Ali Chattha. 2000. Sugarcane diseases control management. Pak. Sug. J. 15(6): pp. 62-66.
15. Anwar, M.S., H.M.W.A. Khan & Arshad Ali Chattha. 2001. Occurrence of new sugarcane diseases on sugarcane. Pak. Sug. J. 16(6): 76-80.
16. Anwar, M.S., H.M.W.A. Khan & Arshad Ali Chattha. 2001. Sugarcane diseases and their varietal reaction. Proceeding of 36th Annual Convention of PSST. PP: 30-36.
17. Anwar, M.S., H.M.W.A. and A. A. Chattha. 2002. Evaluation of resistance in sugarcane varieties/lines to whip smut diseases. Pak. Sugar. J. XVH (VI): 69-74.
18. Chattha, A.A., M.S. Anwar and F.G. Ali. 2002. Cane variety SPF-234. A medium maturing variety for spring sowing in South Region of the Punjab. Pak. Sugar. J. XVH (VI): 29-38.
19. Anwar, M.S., Hafiz Walayat Ali Khan, M. Zafar & Dr. Arshad Ali Chattha. 2003. Screening of sugarcane varieties against red stripe. Pak. Sugar J. 18(6): 62-64.
20. Anwar, M.S., H.M.Walayati Ali Khan, M. Zafar, Dr. Arshad Ali Chattha & Dr. M. Afzal. 2003. Control measures for sugarcane whip smut (*Ustilago scitaminea* Syd.). Pak. Sugar J. 18(6): 88-90.
21. Zafar, M., M. Akram, M. Shafique Anwar, Dr. M. Afzal, M. Sarwar and Dr. Arshad Ali Chattha. 2003. Acclimatization of Brazilian origin sugarcane clones in advance nursery stage under Faisalabad agro-climatic conditions. Pak. Sugar J. 18(6): 91-94.
22. Fazil, M. Rana M. Asghar, Dr. Arshad Ali Chattha, Dr. M. Afzal and M. Shafique Anwar. 2003. Testing of promising sugarcane varieties under agro-climatic conditions of Phalia area District Mandi Baha-ud-Din. Pak. Sugar J. 18(6): 99-101.
23. Anwar, M.S., H.M.W.A. Khan, Tufail Ahmed and A. A. Chattha. 2004. Integrated management of sugarcane insects. Pak. Sugar J. 18(6): 28-31.
24. Afzal, M., A.A. Chattha & M.S. Anwar. 2004. Impact of World Trade Organization on sugarcane & sugar industry. Proceedings of the 39th Annual Convention of Pakistan Society of Sugar Technologist: 3-20.
25. Chattha, A. A., M. S. Anwar & M. Afzal. 2004. Sustainable Cultivation of sugarcane for revival of sugar industry in Pakistan. Paper presented in the 39th

Annual convention of Pakistan Society of Sugar Technologists on 30-31 August & 1st September, 2004 at Lahore.

26. Anwar, M.S., H.W.A. Khan, M. Afzal & A.A. Chattha. 2004. Integrated management of sugarcane diseases. Paper presented in the 39th Annual convention of Pakistan Society of Sugar Technologists on 30-31 August & 1st September, 2004 at Lahore.
27. Anwar, M.S., H. M. A. Khan, M. Munir and A. A. Chattha. 2006. Role of mosaic free seed in sugarcane and sugar production. Proc. 6th Workshop on R & D activities on sugar crops. 27-28 Nov. 2006. Shakarganj Sugar Res. Instt. Jhang. PP: 30-32
28. Anwar, M.S. M. Munir & A. A. Chattha. 2006. Screening of sugarcane cultivars against borers infestation under agro-ecological conditions of Faisalabad district. Abst. 41st Ann. Conv. PSST, 21-22 Aug, 2006, Rawalpindi. PP. 27.
29. Anwar, M.S. H. W. A. Khan, M. Umer and A. A. Chattha. 2006. Variability of red rot (*Colletotrichum falcatum* Went.) in sugarcane germplasm. Abst. 41st Ann. Conv. PSST, 21-22 Aug, 2006, Rawalpindi. PP. 28.
30. Rafiq, M., A.A. Chattha, M.R.Mian, M.S. Anwar, Z. Mahmood and J. Iqbal. 2006. Rationing potential of different sugarcane varieties / promising clones under Faisalabad conditions. Paper accepted for publication in Journal of Agri. Res. AARI, Faisalabad.
31. Munir, M., M. S. Anwar, A. A. Chattha, M. Zafarullah Khan and Amjad Zia. 2007. Field screening of different sugarcane varieties/lines for resistance/susceptibility against sugarcane borers. Paper sent in for publication in Pakistan J. Bot (Press). Vide D.S. No. 620/DS-8 dated 27-4-2007.
32. Chattha, A.A., M. S. Anwar and M. Afzal. 2004. Research & Development Activities on Sugarcane in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 186-192.
33. Anwar, M. S., H.W.A. Khan and A. A. Chattha. 2004. Integrated Management of Sugarcane Diseases & Insects in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 468-471.
34. Ali, A. and R. A. Khan. 1977. Effect of Gibberelic acid on late sown wheat. J. Agric. Res. 15 (1): 13-24.

35. Chaudhry, G.A., A. Ali and N. M. Cheema. 1984. Sunflower, A good intercrop for groundnut and mungbean. Proc. National Sunflower Workshop, NARC, Islamabad. April, 28-30: 63-65.
36. Cheema, N. M., G. A. Chaudhry and A. Ali. 1984. Effect of nitrogen and phosphorus on yield and other characters in sunflower under rainfed conditions. Proc. National Sunflower Workshop, NARC, Islamabad. April, 28-30: 68-70.
37. Ali, A., M. Arshad and S. Ahmad. 1986. Effect of inter-cropping mungbean and sunflower in sugarcane. J. Agric. Res., 24(2): 103-107.
38. Ali, A., M. Arshad and S. Ahmad. 1986. Response of maize to different fertilizer levels with different planting patterns. J. Agric. Res. 24(4): 289-293.
39. Ali, A., M. Arshad and S. Ahmad. 1986. Effect of row spacing and fertilizer application on cotton yield (*Gossypium hirsutum*) J. Agric. Res., 24(4): 283-287.
40. Ali, A., S. Ahmad, A.A. Javaid and I. Ali. 1987. Scope for intercropping wheat and gram in strips in canal colony. J. Agric. Res., 25(2): 131-136.
41. Ali, A., S. Ahmad, M. Ahmad and I. Ali. 1987. Response of Pak-81 to timing of phosphorus application at Faisalabad. Pak. J. Agri. Res. 9(4): 593-596.
42. Ali, A., S. Ahmad, M. Ahmad and I. Ali. 1987. Critical stage for irrigation to wheat. J. Agri. Res. 25(3): 227-233.
43. Ahmad, S., A. Ali and M. Ahmad. 1987. Effect of earthing up on grain yield of maize. J. Agri. Res. 25(2): 137-141.
44. Ali, A., S. Ahmad, M. Arshad and M. Ahmad. 1987. Scope for inter-cropping garlic and potato in autumn cane. J. Agric. Res., 25(3): 235-241.
45. Ali, A., M. Arshad, S. Ahmad and M. A. Randhawa. 1987. Response of gram varieties to different sowing dates. J. Agri. Res. 25(4): 467-471.
46. Arshad, M., A. Ali and S. Ahmad. 1988. Effect of seed rate on the yield and yield components of cotton. J. Agri. Res. 26(1): 29-34.
47. Ali, A. M. Arshad and S. Ahmad. 1988. Effect of moisture and nutrient stress on the yield of cotton B-557 during 1978-81. The Pak. Cotton. 32(2): 58-62.
48. Ali, A., S. Ahmad, I. Ali and M. Arshad. 1988. Effect of rate and time of fertilizer application on maize grain yield. J. Agric. Res. 26(3): 195-202.

49. Ahmad, S., A. A. Chattha and I. Ali. 1988. Scope of inter-cropping lady's finger and onion in spring cane. J. Agric. Res. 26 (2): 105-113.
50. Ahmad, S., A. A. Chattha, A. A. Javaid and M. A. Randhawa. 1989. Response of lentil varieties to different sowing dates in central Punjab. J. Agric. Res. 30 (3): 341-345.
51. Ahmad, S., A. A. Chattha, R. H. Khan and M. Rafique. 1992. Soil and fertilizer management for wheat in rice wheat cropping system. J. Agri. Res. 30(1): 75-82.
52. Ahmad, S. and A. Ali. 1992. Zero tillage in maize wheat cropping system. J. Agri. Res. 30(2): 197-204.
53. Ahmad, S. and A. Ali. 1992. New technology for wheat production in rice-wheat cropping system (Res. Note). J. Agri. Res. 30(3): 335-340.
54. Ahmad, S. and A. Ali. 1992. Response of lentil varieties to different sowing dates in Central Punjab. J. Agri. Res. 30(3): 341-345.
55. Nayyar, M.M., A.A. Chattha, M. A. Graval and A.M. Randhawa. 1992. Inter-cropping of lentil with cane (Sept. planting) planted under different planting geometries. 27th Proceedings of Pak. Soc. Sugar Technologists: 192-197.
56. Chattha, A. A., H. M. Akram, A. Ali, A. Yar and M. A. Shahzad. 1995. Yield performance of new wheat genotypes at different planting dates. J. Agri. Res. 33 (2-3): 97-101.
57. Chattha, A. A., H. M. Akram, M. Ahmad, A. Yar and A. Ali. 1995. Effect of different planting dates and plant spacings on the performance of chickpea genotypes. J. Agric. Res., 33(2-3): 113-117.
58. Chattha, A. A., M. A. Grawal and Z. U. Gill. 1995. Sowing method cum fertilizer trial on rice (*Oryza sativa*). J. Agric. Res. 33 (2-3): 149-151.
59. Chattha, A. A., H. M. Akram, K. Jamil, A. Yar and A. Ali. 1995. Agro-economic exploitation of sunflower and mungbean inter-cropping. J. Agric. Res. 33 (5-6): 311-315.
60. Chattha, A. A., H. M. Akram, A. Yar, M. Zafarullah, A. Ali and N. Akhtar. 1996. Agro-economic exploitation of lentil and wheat under the late sown conditions. J. Agric. Res. 34 (1): 11-14.

61. Chattha, A. A., H. M. Akram, M. Ahmad, A. Yar and Ali. 1996. Agro-economic relationship of inter-cropping mungbean in autumn planted sunflower. J. Agric. Res. 34 (2-3).
62. Aslam, M., M. A. Javaid and A. A. Chattha. 1999. Prospects of inter-cropping soyabean at reduced densities in sugarcane. J. Agric. Res. 36(4): 333-341.
63. Aslam, M., M. Anwar Javaid and A. A. Chattha. 1999. Green fertilizing the sugarcane with inter-crops. J. Agric. Res. 1999: 37(1): 45-51.
64. Ali, F. G., M. A. Iqbal and A. A. Chattha. 1999. Cane yield response towards spacings and methods of irrigation under Faisalabad conditions. Pak. Sugar J. XIV (4) 8-10.
65. Chattha, A. A., A. Yar, A. Ali, H. M. Akram and J. Iqbal. 1999. Effect of different planting patterns of sunflower on sugarcane spring crop. J. Agric. Res. XIV (4): 237-242.
66. Aslam, M. M. A. Javaid and A. A. Chattha. 1999. Effect of murate and sulphate of potash on sugarcane production. Pak. Sugar J. XIV (4): 243-248.
67. Ali, F.G., M. A. Iqbal and A. A. Chattha. 1999. Performance of some sugarcane varieties in Western Punjab. Pak. Sugar J. XIV (5): 6-8.
68. Ali, F. G., A. A. Chattha and M. S. Anwar. 1999. Importance of sugarcane in economic uplift of Pakistan. Pak. Sugar. J. XIV(6):16-17.
69. Ali, F.G., M.A. Iqbal, A.A. Chattha and S.Afghan. 2000. Fertilizer use efficiency and cane yield under different nitrogen levels and weed management practices in spring planted sugarcane. Pak. Sugar J. XV(1): 22-26.
70. Aslam, M., M. A. and A. A. Chattha. 2000. Performance of different legumes as green manuring crops in spring planted sugarcane. J. Agric. Res. 38 (1): 13-18.
71. Aslam, M., M. A. Javed and A. A. Chattha. 2000. Efficiency of weedicides for weeds control in sugarcane. J. Agric. Res. 38(2): 171-176.
72. Sarwar, M., M. Afzal, M. A. Iqbal and A. A. Chattha. 2000. Effect of proper nutrient and agro-management practices on lodging, cane yield and juice quality of sugarcane genotype (CP 77-400). Pak. Sugar J. XV (6): 135-139.
73. Ali, F.G., A. A. Chattha and M. A. Iqbal. 2000. Improvement of cane yield and quality by proper harvest schedule. Pak. Sugar J. XV (6): 35-39.

74. Chattha, A. A., F.G. Ai and G. Ghous. 2000. Strategies for the improvement of cane and sugar yield. Pak. Sugar J. XV (6): 8-13.
75. Afzal, M., S. H. Shah, M. A. Iqbal and A. A. Chattha. 2000. Efficacy of single and blend application of herbicides in sugarcane. Pak. Sugar J. XV (6): 47-51.
76. Anwar, M. S., H.M.W.A. Khan and A. A. Chattha. 2000. Sugarcane diseases control management. Paper presented in R & D Workshop at Shakargang Research Institute, Jhang. Pak. Sugar J. XV (6): 62-66.
77. Chattha, A.A. and F.G. Ali. 2001. Future of sugar industry. Proceedings of 36th Annual Convention of Pak. Soc. Sugar Technologists held at Lahore: 7-12.
78. Ali, F.G. and A. A. Chattha. 2001. HSF-240-An early maturing, high yielding and high sugar variety. Proceedings of 36th Annual Convention of Pak. Soc. Sugar Technologists held at Lahore: 94-102.
79. Afzal, M., A. Jabbar and A. A. Chattha. 2001. Single and blend herbicidal application effects on nutrients uptake and weed flora in spring sugarcane. Proceedings of 36th Annual Convention of Pakistan Society of Sugar Technologists: 118-134.
80. Aslam, M., M. A. Javaid and A.A. Chattha. 2001. Effect of seed staling on the germination and yield of sugarcane. Proceedings of 36th Annual Convention of Pakistan Society of Sugar Technologists: 78-82.
81. Anwar, M. S., H.M.W.A.Khan, A. A. Chattha and I.A. Malik 2001. Sugarcane diseases and their varietal reaction. Proceedings of 36th Annual Convention of Pakistan Society of Sugar Technologists: 30-36.
82. Ahmad, N., M.A. Bajwa, A. A. Chattha, I. A. Malik and Z. Ali. 2001. Studies on moisture economy and drought tolerance of different cane varieties. Proceedings of 36th Annual Convention of Pakistan Society of Sugar Technologists: 63-68.
83. Ali, A., M. Afzal, M. N. Ullah and A. A. Chattha. 2001. Benefits of inter-cropping lentil in autumn planted sugarcane at farmers field. Paper presented in 2nd R & D workshop organized by Shakargang Research Institute, Jhang. Pak. Sugar J. XVI (6): 111-114.
84. Hussain, F., M.A. Ranjha, I.A. Malik and A.A. Chattha. 2001. Effect of MOP and SOP on the yield and quality of fresh and ratoon cane. Paper presented in 2nd R&D Workshop organized by Shakarganj Sugar Research Institute, Jhang. Pak. Sugar J. XVI (6): 126-129.

85. Chattha, A.A., M.A. Grawal, F.G. Ali and Z. Ali. 2001. Exploitation of cane yield potential of sugarcane varieties. Paper presented in 2nd R & D Workshop organized by Shakarganj Sugar Research Institute, Jhang. Pak. Sugar J. XVI (6): 51-55.
86. Ali, F.G., A.A. Chattha and M. A. Iqbal. 2001. Some fundamental causes of low sugar recovery and vital approach for its improvement. Paper presented in 2nd R & D Workshop organized by Shakarganj Sugar Research Institute, Jhang. Pak. Sugar J. XVI (6): 56-61.
87. Anwar, M.S., H.M.W.A.Khan and A.A. Chattha. 2001. Occurrence of new diseases on sugarcane. Paper read presented 2nd R & D Workshop at Shakarganj Sugar Research Institute, Jhang on 5-6 October, 2001. Pak. Sugar J. XVI (6): 76-80.
88. Afzal, M., M.A. Iqbal and A. A. Chattha. 2001. Performance of promising varieties of sugarcane in different ecological zones during spring and autumn seasons. Paper presented at 2nd R & D Workshop of Shakarganj Sugar Research Institute, Jhang. Pak. Sugar J. XVI (6): 81-97.
89. Ali, A., M. Afzal, N. Ullah and A.A. Chattha. 2001. Benefits of inter-cropping lentil in autumn planted sugarcane at farmers field. Paper presented at 2nd R & D Workshop at Shakarganj Sugar Research Institute, Jhang. Pak. Sugar J. XVI (6): 111-114.
90. Aslam, M., M.A. Javaid and A. A. Chattha. 2001. Promising sugarcane varietal response to different seed rates. Paper presented in 2nd R & D Workshop at Shakarganj Research Institute, Jhang. Pak. Sugar J. XVI (6): 115-118.
91. Ali, A. A., F. G. Ali and S. Afghan. 2002. Short growth period – A great hindernace in Pakistan. Pak. Sugar J. XVII (2): 18-21.
92. Ali, F. G., M. A. Iqbal, A. A. Chattha and S. Afghan. 2002. Performance of some sugarcane varieties at different seeding densities under Faisalabad (Pakitan) conditions. Pak. Sugar J. XVII (1): 22-23.
93. Chattha, A.A., M. A. Bajwa, M. A. Grawal, F. Hussain and Z. U. Gill. 2002. The quantitative and qualitative performance of promising cane cultivars under (Faisalabad condition) Central Punjab conditions. Paper presented in R & D activities of sugarcane crops in Pakistan 3rd workshop at Shakargang Sugar Research Institute, Jhang. Pak. Sugar J. XVII (6): 49-51.
94. Chattha, A. A., M. S. Anwar and F. G. Ali. 2002. A medium maturing variety SPF-234 for spring sowing in Southern region of the Punjab. Paper presented in 3rd

- workshop on R & D activities on sugar crops at Shakargang Sugar Research Institute, Jhang. Pak. Sugar J. XVII (6): 29-38.
95. Sarwar, M., M. Afzal, M. A. Iqbal and A. A. Chattha. 2002. Performance of promising sugarcane varieties at farmers field in "Thal" and Southern Punjab. Paper presented in 3rd workshop on R & D activities on sugar crops at Shakargang Sugar Research Institute, Jhang. Pak. Sugar J. XVII (6): 44-48.
 96. Ali, F. G., M. A. Iqbal and A. A. Chattha. 2002. Cane yield response of two cane varieties at different fertilizer levels and seeding densities. Paper presented in 3rd workshop on R & D activities on sugar crops at Shakargang Sugar Research Institute, Jhang. Pak. Sugar J. XVII (6): 52-56.
 97. Azfal, M., A. Jabbar, M. A. Iqbal and A. A. Chattha. 2002. Comparison of zero, minimum and recommended tillage practices for seed bed preparation in autumn sugarcane. Paper presented in 3rd Workshop on R & D activities on sugar crops. at Shakargang Sugar Research Institute, Jhang. Pak. Sugar J. XVII (6): 57-61.
 98. Anwar, S. M., H. M. W. A. Khan and A. A. Chattha. 2002. Evaluation of resistance in sugarcane varieties/lines to whip smut disease. Paper presented in 3rd Workshop on R & D activities on sugar crops at Shakargang Sugar Research Institute, Jhang. Pak. Sugar J. XVII (6): 69-71.
 99. Hussain, F., M. Anwar, I. A. Malik and A. A. Chattha. 2003. Evaluation of sugarcane varieties for gur quality. Pak. Sugar J. XVIII (4): 10-12.
 100. Zafar M., M. Umer, A. A. Chattha, M. A. Grawal and F. Ahmed. 2003. Comparative colonel studies at initial nursery selection stage of sugarcane breeding. Pak. Sugar J. XVIII (5): 20-24.
 101. Zafar, M., M. Umer, A. A. Chattha., M. A. Grawal and F. Ahmed. 2003. Comparative performance of elite sugarcane clones at advance nursery stage for growth quality and disease response. Pak. Sugar J. XVIII (1): 8-12.
 102. Malik, I. A., F. Hussain, M. Anwar and A. A. Chattha. 2003. Some studies on the post harvest behaviour of sugar beet. Pak. Sugar J. XVIII (5): 17-19.
 103. Sarwar, M., M. Afzal, M. Zafar and A. A. Chattha. 2003. Effect of gap filling on cane yield and quality of ratoon sugarcane. Pak. Sugar J. XVIII (6): 85-87.
 104. Chattha, A.A., M. Afzal, M. Sarwar, A. Jabbar and M. A. Iqbal. 2003.. Evaluation of promising cane varieties during September in Central Punjab. Pak. Sugar J. XVIII (6): 80-84.

105. Anwar, M.S., H.M.W.A. Khan, M. Zafar and A. A. Chattha. 2003. Screening of sugarcane varieties against red stripe (*Pseudomonas rubrilincans* Lee). Pak. Sugar J. XVIII (6): 62-64.
106. Chattha, A.A., M. A. Grawal, M. Zafar and F. Ahmad. 2003. Feasibility of sugarcane – sugar beet inter-cropping system in central Punjab. Pak. Sugar J. XVIII (6): 65-67.
107. Sarwar, M., M. Afzal, M. Akram, A. A. Chattha and M. Umer. 2003. Fertilizer management in ratoon sugarcane. Pak. Sugar J. XVIII (6): 68-71.
108. Afzal, M., A. A. Chattha and M. Zafar. 2003. Role of different NPK doses and seed rates on cane yield and quality of HSF-240. Pak. Sugar J. XVIII (6): 72-75.
109. Afzal, M., A. A. Chattha, M. A. Iqbal and A. Jabbar. 2003. Study on inter-cropping sunflower in spring planted sugarcane. Pak. Sugar J. XVIII (6): 76-79.
110. Chattha, A. A., M. Afzal, M. Sarwar, A. Jabbar and M. A. Iqbal. 2003. Evaluation of promising cane varieties during spring in Central Punjab. Pak. Sugar J. XVIII (6): 80-84.
111. Anwar, M. S., W.A. Khan, M. Zafar, A. A. Chattha and M. Afzal. 2003. Control measures for sugarcane whip smut (*Ustilago scitaminea* Syd.). Pak. Sugar J. XVIII (6): 88-90.
112. Zafar, M., M. Akram, M. S. Anwar, M. Afzal, M. Sarwar and A. A. Chattha. 2003. Acclimatization of Brazilian origin sugarcane clones in advanced nursery stage under Faisalabad agro-climatic conditions. Pak. Sugar J. XVIII (6): 91-98.
113. Chattha, A. A., M. Asghar, M. Afzal and M. S. Anwar. 2003. Testing of promising sugarcane varieties under agro-climatic conditions of Phalia area district Mandi Baha-ud-Din. Pak. Sugar J. XVIII (6): 99-101.
114. Chattha, A. A., F. Ahmad, M. A. Grawal and G. M. Wains. 2003. HSF-242 (S95-HS-185) - An early maturing, high yielding and good ratooning sugarcane variety. Pak. Sugar J. XVIII (6): 107-110.
115. Aslam, M., J. Iqbal and A. A. Chattha. 2003. Effect of organic mulches on the growth and yield of autumn planted sugarcane. Pak. Sugar J. XVIII (6): 111-114.
116. Zafar, M., M. A. Grawal, M. Afzal, M. S. Anwar and A. A. Chattha. 2003. Performance of Brazilian sugarcane clones at primary nursery stage for growth, quality and disease response. Pak. Sugar J. XVIII (6): 115-119.

117. Afzal, M., A. A. Chattha, M. Zafar, M. A. Iqbal, and A. Jabbar. 2003. Study on inter-cropping sunflower in spring planted sugarcane. Pak. Sugar J. XVIII (6): 76-79.
118. Sarwar, M., M. Afzal and A.A. Chattha. 2004. Studies on time of sowing and seeding rates in spring planted sugarcane. Pak. Sugar J. XIX (2): 38-41.
119. Anwar, M., F. Hussain, I. A. Malik and A. A. Chattha. 2004. Effect of effective micro-organisms (E.M.) efficiency on yield and quality of sugarcane. Pak. Sugar J. XIX (4): 10-15.
120. Sarwar, M., M. Afzal, M. A. Iqbal and A.A. Chattha. 2004. Evaluation of promising cane varieties during spring 2000-2001 in Central Punjab. Pak. Sugar J. XIX (3): 12-16.
121. Sarwar, M., M. Afzal, M. A. Iqbal and A.A. Chattha. 2004. Studies on September planted sugarcane varieties in Central Punjab. Pak. Sugar J. XIX(4):5-9.
122. Afzal, M., M. Umer, A.A. Chattha, A. Jabbar, M. Sarwar and M.A. Iqbal, 2004. Prospect of sugarbeet production in Punjab. Paper presented in the seminar "Water conservation in sugarcane" organized by Pakistan Society of Sugar Technologists at Faisalabad. Pak. Sugar J. XIX (4): 15-17.
123. Aslam, M. and A. A. Chattha. 2005. Contribution of potash in increasing sugarcane productivity. Pak. Sugar J. XX (1): 6-8.
124. Zafar, M., M. Umer, A. A. Chattha, M. A. Grawal and Z. Ali. 2005. Comparative performance of sugarcane clones at nursery stage for growth, quality and disease response. Pak Sugar J. XX (3): 2-6.
125. Zafar, M., M.A. Grawal, M. A. Munir, M. Afzal and A. A. Chattha. 2005. Screening of exotic sugarcane clones at initial nursery stage for their potential and adaptability. Pak. Sugar J. XX (4): 2-7.
126. Afzal, M., A. A. Chattha, F. Ahmad and M. Umer. 2005. Economical sugarcane cultivation for sustainable sugar production. Proc. 40th Ann. Conv. Pak. Soc. Sugar Tech. held at Karachi: 179-188.
127. Anwar, M. S., A. A. Chattha, M. Afzal, M. Yasin and M. Bilal. 2005. An environmental friendly approach for pests and diseases control. Proc. 40th Ann. Conv. Pak. Soc. Sugar Tech. held at Karachi: 170-178.

128. Rafiq, M., A. A. Chattha, G. M. Wains and M. Usman. 2005. Studies on the ratoonability of different sugarcane varieties/promising clones. Proc. 40th Ann. Conv. Pak. Soc. Sugar Tech. held at Karachi: 195-202.
129. Chattha, A. A., M. Afzal, A. Ghaffar and M. Bilal. 2005. Organic farming in sugarcane to create healthy environment. . Proc. 40th Ann. Conv. Pak. Soc. Sugar Tech. held at Karachi: 189-194.
130. Aslam, M., Z. Ali and A. A. Chattha. 2005. Management strategies for controlling lodging in pre-sown sugarcane. . Proc. 40th Ann. Conv. Pak. Soc. Sugar Tech. held at Karachi: 160-165.
131. Zafar, M., M. A. Grawal, M. A. Munir, F. Hussain and A. A. Chattha. 2005. Selection of Amercian origin sugarcane clones at primary nursery stage on the growth, quality and disease response basis. Pak. Sugar J. XX (2): 8-12.
132. Bashir, S., A. A. Chattha, M. Yasin and Z. Mehmood. 2005. Sugarcane varieties and row spacing effects on sugarcane traits. Pak. Sugar J. XX (2): 18-20.
133. Rafiq, M., A. A. Chattha, A. Sattar, Z. Mahmood and M. A. Nadeem. 2006. Compar-ative performance of autumn planted sugarcane promising clones under Faisalabad conditions. Presented in 6th workshop on R & D activities on sugar crops at Shakarganj Sugar Res. Instt. Jhang. Pak. Sugar J. XXII (1): 50-55.
134. Chattha, A. A., M. Rafiq, F. Ahmad, M. Yasin, M. Afzal and M. B. Chattha. 2006. Development of sugarcane in Punjab – An over view. Proc. of seminars on Agri., organized by Pak. Soc. Sugar Technologist: 77-93.
135. Aslam, M., A. Hameed, A. A. Chattha and M. U. Chattha. 2006. Effect of sowing depth and earthing up on lodging in sugarcane. Proc. 41st Ann. Conv. Pak. Soc. Sugar Techn. , held at Rawalpindi: 125-130.
136. Rafiq, M., A. A. Chattha, G. M. Wains, F. Ahmad, A. Jabbar and S. Bashir. 2006. Yield potential of autumn planted sugarcane varieties/promising clones under Faisalabad conditions. Proc. 41st Ann. Conv. Pak. Soc. Sugar Tech. held at Rawalpindi: 131-138.
137. Afzal, M., M. Rafiq, M. B. Chattha. and A. A. Chattha. 2006. Seed rate recommendations for commercial and future sugarcane varieties during autumn season. Proc. 41st Ann. Conv. Pak. Soc. Sugar Tech., held at Rawalpindi: 226-231.

138. Anwar, M.S., H. W. A. Khan, M. Umer and A. A. Chattha. 2006. Variability of red rot (*Colletorichum falcatum* went.) in sugarcane germplasm. Proc. 41st Ann. Conv. Pak. Soc. Sugar Tech. held at Rawalpindi: 239-244.
139. Chattha, A.A., M. Afzal, M. Rafiq, F. Ahmad and M. Bilal. 2006. Prospects of sugar industry & sugarcane cultivation in punjab. Abst. 41st Ann. Conv. Pak. Soc. Sugar Tech. held at Rawalpindi: 173-181.
140. Rafiq, M., A.A. Chattha, M.R.Mian, M.S. Anwar, Z. Mahmood and J. Iqbal. 2006. Ratonning potential of different sugarcane genotypes under Faisalabad conditions. J. Agri. Res. 44 (4): 269-275.
141. Chattha, A. A., M. Afzal and M. Umer. 2007. Future research strategies of sugarcane in Pakistan. Presented at 6th Workshop on R & D activities on sugar crops. at Shakarganj Sugar Res. Instt. Jhang. Pak. Sugar J. XXII (1): 8-11.
142. Afzal, M., A. A. Chattha, M. Bilal and M. Umer. 2007. Advanced sugarcane produ-ction technology. Presented in 6th Workshop on R & D activities on sugar crops. at Shakarganj Sugar Res. Instt. Jhang. Pak. Sugar J. XXII (1): 29-36.
143. Anwar, M.S., H. M. A. Khan, M. Munir and A. A. Chattha. 2007. Role of mosaic free seed in sugarcane and sugar production. Presented in 6th Workshop on R & D activities on sugar crops at Shakarganj Sugar Res. Instt. Jhang. Pak. Sugar J. XXII (1): 73-75.
144. Aslam, M., A. Hameed and A. A. Chattha. 2007. Role of dry hoeing and first irrigation in determining weed biomass and yield of pre-sown sugarcane for two successive years. Presented in 6th workshop on R & D activities on sugar crops at Shakarganj Sugar Res. Instt. Jhang. Pak. Sugar J. XXII (1): 91-95.
145. Bashir, S., A. A. Chattha, Z. Mahmood, N. Ahmad and M. Munir. 2007. Sugarcane quality losses due to different type of borers infestation influenced by harvesting dates in autumn and spring crops. Pak. Sugar J.: XXII (2) : 33-38.
146. Chattha, A. A., G. M. Wains, F. Ahmad, M. Bilal and M. Umer. 2007. Vertical improvement in cane and sugar yields. Paper presented in 42nd Annual Convention of Pakistan Society of Sugar Technologist at Lahore at Lahore. Abst: 2.
147. Munir, A. M., M. Yasin, M. Bilal and A. A. Chattha. 2007. Yield and quality comparison of promising varieties of autumn sown sugarcane. Paper presented in 42nd Annual Convention of Pakistan Society of Sugar Technologists at Lahore. Abst: 14.

148. Aslam, M., A. A. Chattha, A. Hameed, M. Bakish and M. Bilal. 2007. Agro-economic potential of inter-cropping raya with different methods in autumn planted sugarcane. Paper presented in 42nd Annual Convention of Pakistan Society of Sugar Technologists at Lahore.
149. Hussain, F., M. A. Sarwar and A. A. Chattha. 2007. Screening of some sugarcane genotypes for gur quality. J. of Animal & Plant Sciences (JAPS). Pak. Agri. Sci. Forum, Lahore. 17 (3-4): 76-78.
150. Sarwar, M. A., F. Hussain and A. A. Chattha. 2008. Evaluation of sugarcane clones for qualitative characteristics of gur. Life Sci. Intern. J. 2(1): 590-594.
151. Afzal, M., A. A. Chattha, M. Munir, M. Umer and M. Bilal. 2008. Recent advances in cultural techniques for the improvement of water use efficiency in sugarcane. Submitted for presentation in 43th Pakistan Society of Sugar Technologists Convention being held at Karachi.
152. Munir, M., A. A. Chattha, M. Afzal, H. W. A. Khan and S. Bashir. 2008. Field screening of different sugarcane varieties/lines for resistance / susceptibility against borer infestation. Submitted for presentation in 43th Pakistan Society of Sugar Technologists Convention being held at Karachi.
153. Chattha, A. A., M. Afzal, M. Munir, M. Umer and M. Bilal. 2008. Trench planting – a new approach for water management in sugarcane. Submitted for presentation in 43th Pakistan Society of Sugar Technologists Convention being held at Karachi.
154. Munir, M. Afzal, A. A. Chattha, M. Umer and M. Bilal. 2008. Screening of early and medium / late maturing sugarcane cultivars against borer complex infestation in Central Punjab (Pakistan) submitted for publication in J. Agric. Res.
155. Munir, M. M. Afzal, A. A. Chattha, M. Munir, M. Bilal and M. Umer. 2008. Insect pests of sugarcane and their management in Pakistan submitted for publication in J. Agric. Res.
156. Khan, M. Z., M. Yasin, A. A. Chattha, M. Afzal, S. Bashir, M. U. Chattha and M. Shahzad. 2008. Effect of different no. of buds per set on germination percentage of autumn planted sugarcane varieties / clones. Submitted for presentation in 43th Pakistan Society of Sugar Technologists Convention being held at Karachi.
157. Iqbal, J. A. A. Chattha, S. Bashir, M. Bilal and M. Shahzad. 2008. Yield potential of different autumn planted promising sugarcane clones / varieties under

Faisalabad conditions. Submitted for presentation in 43th Pakistan Society of Sugar Technologists Convention being held at Karachi.

158. Yasin, M., A. A. Chattha, M. A. Munir and M. Bilal. 2008. Effect of time of phosphorus application on yield and quality of spring planted sugarcane. Submitted for presentation in 43th Pakistan Society of Sugar Technologists Convention being held at Karachi.

159. Aslam, M. and A. A. Chattha. 2008. Feasibility of inter-cropping raya in autumn planted sugarcane for successive two years. Submitted for presentation in 43th Pakistan Society of Sugar Technologists Convention being held at Karachi.

160. Khan, H.M.W.A., A. A. Chattha, M. Munir and A. Zia. 2008. Evaluation of resistance in sugarcane cones against whip smut. Submitted for presentation in 43th Pakistan Society of Sugar Technologists Convention being held at Karachi.

161. Sarwar, M.A., F. Hussain, A. Ghaffar, M.A. Nadeem, M. M. Ahmad, M. Bilal, A. A. Chatha and M. Sarwar. 2008. Post harvest studies in sugar-beet (*Beta vulgaris*). J. Agri. Soc. Sci. 4: 89-91.

162. Ghaffar, A., M.A. Sarwar, M.A. Nadeem, F. Ahmad and A. A. Chattha. 2008. Performance of different medium and late maturing sugarcane strains during selection process. Pak Sugar Journal. Vol: XXIII (3) Page: 7-11

163. Munir, M.A., M.A. Sarwar, J. Iqbal, F. Hussain and A. A. Chattha. 2008. Effect of spacing on yield and quality of autumn sown sugarcane intercropped with sugarbeet. Pak Sugar Journal. Vol: XXIII (3) Page: 18-21.

164. Hussain, F. M. Aleem Sarwar, M. Azhar Munir, M. Umer, A. A. Chattha, M. Bilal and M. Yasin. 2008. Role of cane varieties in sugar industry and gur making. J. Agri. Res. Vol 46 No. 2: 171.

165. Munir, M., M. Afzal, A. A. Chattha. M. Umer and M. Bilal. 2009. Screening of early and medium / late maturing sugarcane cultivars against borer complex infestation in Central Punjab (Pakistan). Accepted for publication in J. Agri. Res. 46 (4).

166. Chattha, A.A. and M. Afzal. 2004. Sugarcane and sugar production scenario in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 60-61.

167. Afzal, M. and A. A. Chattha. 2004. Advanced Sugarcane Production Technology for Improving Cane & Sugar Productivity in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 109-114.
168. Chattha, A.A., M. S. Anwar and M. Afzal. 2004. Research & Development Activities on Sugarcane in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 186-192.
169. Anwar, M. S., H.W.A. Khan and A. A. Chattha. 2004. Integrated Management of Sugarcane Diseases & Insects in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 468-471.
170. Chattha, A.A., M. Afzal and M. U. Chattha. 2007. Sustainable cultivation of sugarcane for revival of sugar industry in Pakistan. Proceedings of the International Symposium on technologies to improve sugar productivity. December 7-8, 2007. IS-2006, Beihai, China.
171. Afzal, M., A. A. Chattha, M.S. Anwar, M. Umer and M. Bilal. 2007. Problems and prospects of mechanization of small sugarcane farms in the Punjab province of Pakistan. Proceedings of the International Symposium on technologies to improve sugar productivity. December 7-8, 2007. IS-2006, Beihai, China.
172. Afzal, M., A. A. Chattha, M. Munir, M. Umer and M. Bilal. 2008. Mechanization of small farms in Pakistan. Proceedings of the 3rd International Conference (IS-2008) on meeting the challenges of sugar crops and integrated industries in development countries held in Egypt (11-14 September, 2008): 104-109.
173. Chattha, A. A., M. Afzal, M. Munir, M. Umer and M. Bilal. 2008. Trench planting – a new approach for water management in sugarcane. Proceedings of the 3rd International Conference (IS-2008) on meeting the challenges of sugar crops and integrated industries in development countries held in Egypt (11-14 September, 2008): 91-94.
174. Wali, M., M. Afzal and I. Ali. 1984. Response of time of phosphorus application and irrigation to wheat variety Lyallpur-73. J. Agri. Res. 22(1):33-35.
175. Afzal, M. and M.S. Nazir. 1985. Response of semi-dwarf wheat varieties to planting densities. Pakistan Agriculture. VII (9): 31-36.

176. Afzal, M. and M.S. Nazir. 1986. Response of two semi-dwarf wheat varieties to sowing dates. J. Agri. Res. 24(2):109-115.
177. Ahmad, H., M. Asghar and M. Afzal. 1987. Significance of sowing spring planted cane in berseem. J. Agric. Res. 25 (1) : 45-49.
178. Afzal, M., A. Ghafoor, A. Ali. 1988. Response of small seeded lentils to different seeding rates. LENS. 15 (2):12-14.
179. Ahmad, H. and M. Afzal. 1988. Position of sugarcane in the cropping pattern of Punjab. Pak Sugar J. II (I) : 35-38.
180. Bashir, S., M.A. Gill and M. Afzal. 1989. Post harvest quality losses in two sugarcane varieties under different storage conditions. J. Agri. Res. 27 (3): 201-208.
181. Bashir, S., M. Afzal, M. A. Khan and M. Ilyas. 1990. After harvest losses in BL-4 and L-118. Pak. Sugar J. IV(2):9-16.
182. Afzal, M., S. Bashir and M. A. Khan. 1990. Influence of harvesting dates on ratoon cane crop. Pak. Sugar J. IV (4): 23-25.
183. Afzal, M., B.A. Naseem and A.G. Khan. 1990. Effect of sowing date and row spacing on seed yield of gram. J. Agri. Res. 28(2): 95-98.
184. Bashir, S., M. Afzal and M. A. Khan. 1991. Effect of harvesting dates on the yield and quality of sugarcane varieties. Pak. Sugar. J. V (1): 7-10.
185. Bashir, S., M. Afzal, M. A. Gill and K.B. Malik. 1992. Effect of mulching, herbicides and different irrigation levels on the yield and quality of sugarcane (BL-4). Proceedings of 27th annual convention of Pak. Soc. of Sugar Tech.:205-213.
186. Sarwar, M., M. Afzal, M.A. Gill. K.B. Malik and M.A. Bajwa. 1994. To ascertain suitable techniques for the improvement of tillering of different cane varieties (September plantation). Pak. Sugar J. VIII (4): 3-6.

187. Afzal, M., M.A. Gill, K.B. Malik, M. A. Bajwa and S. Ahmad. 1995. Efficacy of Gesapax Combi with surfactant ' Triton' for the control of weeds in sugarcane. Proceedings of 4th All Pakistan Weed Science Conference:213-222.
188. Afzal. M. 1996. Efficiency of foliar application of nitrogen on the yield of sugarcane. Pak. J. Soil Sci. 11(1-2): 64-67.
189. Malik, K.B., M. Afzal and M.A. Iqbal. 1996. To develop an economic system of herbicide application in sugarcane. Paper presented in 5th All Pakistan Weed Science Conference held at NARC, Islamabad: 21-22.
190. Afzal, M., S. H. Shah, M.A. Iqbal and A..A. Chattha. 2000. Efficacy of single and blend application of herbicides in sugarcane. Pak. Sugar J. XV(6): 47-51.
191. Sarwar, M., M. Afzal, M.A. Iqbal and A. A. Chattha. 2000. Effect of proper nutrition and agro-management practices on lodging, cane yield and juice quality of a sugarcane genotype (CP-77-400). Pak. Sugar J. XV (6): 135-139.
192. Afzal, M., A. Jabbar and A. A. Chattha.2001. Single and blend herbicidal application effects on nutrient uptake and weed flora in spring sugarcane. Proceedings of 36th Annual Convention of Pakistan Society of Sugar Technologists :118-123.
193. Afzal, M., M. A. Iqbal and A. A. Chattha. 2001. Performance of promising varieties of sugarcane in different ecological zones during spring and autumn seasons. Paper presented in 2nd Workshop on R & D activities on sugarcane crop at SSRI, Jhang. Pak Sugar J. XVI(6): 81-97.
194. Afzal, M., A. Ali, M. N. Ullah and M. A. Iqbal. 2001. Economics of inter-cropping mungbean in spring sown sugarcane. Paper presented in 2nd Workshop on R & D activities on sugarcane crop at SSRI, Jhang. Pak. Sugar J. XVI(6):108- 110.
195. Ali, A., M. Afzal, M. N. Ullah and A. A. Chattha. 2001. Benefits of inter-cropping lentil in autumn planted sugarcane at farmer's field. Paper presented in 2nd Workshop on R & D activities on sugarcane crop at SSRI, Jhang. Pak. Sugar J. XVI(6):111-114.
196. Afzal, M.,A. Jabbar, M.A. Iqbal and A.A. Chattha. 2002. Comparison of zero,

- minimum and recommended tillage practices for seedbed preparations in sugarcane. Paper presented in 3rd R & D workshop held on 9-10, September 2002 at Shakargang Sugar Research Institute, Jhang. Pak Sugar J. XVII (6); 57-61.
197. Sarwar, M., M. Afzal, M.A. Iqbal and A.A. Chattha. 2002. Performance of promising sugarcane varieties at farmers' field in 'Thal' and Southern Punjab. Paper presented in 3rd R & D workshop held on 9-10, September 2002 at Shakargang Sugar Research Institute, Jhang. Pak Sugar J. XVII (6): 44-48.
 198. Afzal, M., A.A. Chattha, M. Zafar, M.A. Iqbal & A. Jabbar. 2003. Study on intercropping sunflower in spring planted sugarcane Pak. Sugar J. XVIII (6): 76-79.
 199. Sarwar, M., M. Afzal, M.Akram, A.A. Chattha & M. Umer. 2003. Fertilizer management in ratoon sugarcane. Pak. Sugar J. XVIII(6): 68-71.
 200. Afzal, M., A.A.. Chattha and M. Zafar. 2003. Role of different NPK doses and seed rates on cane yield and quality of HSF-240. Pak Sugar J. XVIII(6): 72-75.
 201. Chattha, A.A., M. Afzal, M. Sarwar, A. Jabbar and M.A Iqbal. 2003. Evaluation of promising cane varieties during spring in central Punjab. Pak. Sugar J. XVIII (6): 80-84.
 202. Sarwar, M., M. Afzal,. M. Zafar and A.A. Chattha. 2003. Effect of gap filling on cane yield and quality of ratoon sugarcane. Pak. Sugar J. XVIII(6): 85-87.
 203. Anwar, M.S.,W.A. Khan, M.Zafar, A.A. Chattha and M. Afzal. 2003. Control measures for sugarcane whip smut (*Ustilago scitaminea* syd). Pak Sugar J. XVIII (6): 88-90.
 204. Zafar, M., M. Akram, M.S. Anwar, M. Afzal, M. Sarwar and A.A. Chattha. 2003. Acclimatization of Brazilian origin sugarcane clones in advance nursery stage under Faisalabad agro-climatic conditions. Pak. Sugar J. XVIII(6): 91-98.

205. Chattha, A. A., R.M. Asghar, M. Afzal and M.S Anwar. 2003 . Testing of promising sugarcane varieties under agro-climatic conditions of Phalia area district Mandi Baha- ud-Din. Pak Sugar J. XVIII (6): 99-101.
206. Zafzar, M., M. A. Grewal, M. Afzal,. M.S. Anwar and A.A. Chattha, 2003. Performance of Brazilian sugarcane clones at primary nursery stage for growth, quality and disease response. Pak. Sugar J. XVIII (6): 115-119.
207. Afzal, M., S. H. Shah and A. Jabbar. 2004. Blended herbicidal weed management effects on physiological traits of sugarcane. Pak. Sugar J. XIX(1): 12-21.
208. Sarwar, M., A. A. Chattha and M. Afzal. 2004. Studies on time of sowing and seeding rates in spring planted sugarcane. Pak. Sugar J. XIX(2): 38-41.
209. Afzal, M., S. H. Shah, A. Jabbar and M.S. Nazir. 2004. Economics of agro-chemical weed management in spring sugarcane. Pak. Sugar J. XIX(3): 8-11.
210. Sarwar, M., M. Afzal, M, A Iqbal, M. Sarwar and A.A. Chattha. 2004. Evaluation of promising cane varieties during spring 2000-2001 in central Punjab. Pak. Sugar J. XIX (3): 12-16.
211. Sarwar, M. M. Afzal, M. A. Iqbal & A.A. Chattha. 2004. Studies on September planted sugarcane varieties in central Punjab. Pak. Sugar J. XIX(4):5-9.
212. Afzal, M., M. Umer, A.A. Chattha, A. Jabbar, M. Sarwar and M.A. Iqbal, 2004. Prospect of sugarbeet production in Punjab. Paper presented in the seminar "Water conservation in sugarcane" organized by Pakistan Society of Sugar Technologists at Faisalabad. Pak. Sugar J. XIX (4): 15-17.
213. Afzal, M., A.A. Chattha & M.S. Anwar. 2004. Impact of World Trade Organization on sugarcane & sugar industry. Proceedings of the 39th Annual convention of Pakistan Society of Sugar Technologists :3-20.

215. Chattha, A. A., M. S. Anwar & M. Afzal. 2004. Sustainable Cultivation of sugarcane for revival of sugar industry in Pakistan. Proceedings of the 39th Annual convention of Pakistan Society of Sugar Technologists: 36-49.
216. Anwar, M.S.,H.W.A. Khan, M. Afzal & A.A. Chattha. 2004. Integrated management of sugarcane diseases. Proceedings of the 39th Annual convention of Pakistan Society of Sugar Technologists: 149-155.
217. Afzal, M., A.A. Chattha, F. Ahmad, G. Mustafa and M. B. Chattha, 2004. A medium maturing cane Variety-SPF- 245 for Punjab province. Paper presented in 5th Workshop on R & D activities on sugar crops in Pakistan at Shakarganj Sugar Res. Instt., Jhang, Pakistan. Pak. Sugar J. XIX (6): 22-24.
218. Chattha, A.A., M. Afzal, M.A. Iqbal, F. Ahmad & M.U. Chattha, 2004. CPF- 243- An early maturing, high yielding and high sugar variety. Paper presented in 5th Workshop on R & D activities on sugar crops in Pakistan at Shakarganj Sugar Res. Instt. Jhang, Pakistan. Pak. Sugar J. XIX (6): 25-27.
219. Afzal, M., S. H. Shah, A. Jabbar and M.S. Nazir. 2005. Correlation studies in sugarcane under the influence of agro-chemical weed management. Pak. Sugar J. XX(1):14-17.
220. Afzal, M., S. H. Shah, A. Jabbar and M.S. Nazir. 2005. Cane quality parameters as influenced by single and blend herbicidal weed management. Pak. Sugar J. XX(2):13-17.
221. Zafar, M., M. A. Grawal, M. A. Munir, M. Afzal and A. A. Chattha. 2005. Screening of exotic sugarcane clones at initial nursery stage for their potential and adaptability. Pak. Sugar J. XX (4): 2-7.
222. Chattha, A. A., M. Umer and M. Afzal. 2005. Development of sugarcane in Punjab – A dire need of time. Proc. Workshop on Agriculture / process & Engineering: 70-94.
223. Afzal, M., M. Rafiq, M. B.Chattha and A. A. Chattha. 2006. Seed rate recommendations for commercial and future sugarcane varieties during autumn season. Proceedings of the 41st Ann. Conven. of Pak. Soc. of Sugar Technologists: 226-231.

224. Chattha, A. A., M. Rafiq, M. Afzal, F. Ahmad and M. Bilal. 2006. Prospects of sugar industry and sugarcane cultivation in Punjab. Proceedings of the 41st Ann. Conven. of Pak. Soc. of Sugar Technologists: 173-181.
225. Chattha, A. A., M. Rafiq, F. Ahmad, M. Yasin, M. Afzal and M. B. Chattha. 2006. Development of sugarcane in Punjab – an overview. Proc. Of seminars on Agriculture, 2006, organized by Pak. Soc. Sugar Technologists. P: 77-93.
226. Chattha, A. A., M. Afzal, M. Umer and M. Bilal. 2007. Future research strategies of sugarcane in Pakistan. Pak. Sugar J. XXII (1): 8-11.
227. Afzal, M., A. A. Chattha, M. Bilal and M. Umer. 2007. Advanced Sugarcane production technology. Pak. Sugar J. XXII (1): 29-36.
228. Afzal, M. and A. A. Chattha. 2007. Nutrients deficiency symptoms in sugarcane. Paper presented in 42nd Ann. Conven. of Pak. Soc. of Sugar Technologists at Lahore: Abst: 27.
229. Afzal, M., A. A. Chattha, M. Munir, M. Umer & M. Bilal. 2008. Growing sugarcane under water stress conditions. Paper presented in pre-PSST convention seminar at Faisalabad and submitted for publication in the proceedings.
230. Afzal, M., A.A. Chattha, M. Munir, M. Umer and M. Bilal., 2009. Recent advances in cultural techniques for the improvement of water use efficiency in sugarcane. Proceedings of 43rd Annual convention of Pakistan Society of Sugar Technologists held on 25th - 26th August, 2008 at Karachi . 95-99.
231. Munir, M. A.A. Chattha, M. Afzal, H.W.A. Khan, and S. Bashir., 2009. Field screening of different sugarcane varieties / lines for resistance / susceptibility against borer infestation. Proceedings of 43rd Annual convention of Pakistan Society of Sugar Technologists held on 25th - 26th August, 2008 at Karachi 138-142.
232. Chattha. A. A. M. Afzal, M. Munir, M. Umer and M. Bilal, 2009. Trench planting-a new approach for water management in sugarcane. Proceedings of 43rd Annual convention of Pakistan Society of Sugar Technologists held on 25th - 26th August, 2008 at Karachi 117-119.
233. Munir, M. M. Afzal, A.A. Chattha and H.W.A. Khan. 2008. Screening of early and medium / late maturing sugarcane varieties / lines against borer

complex infestation in central Punjab, Pakistan. J. Agric. Res;46 (4): 373-378.

234. Khan, M.Z., M. Yasin, A.A. Chattha, M. Afzal, S. Bashir, M. U. Chattha and M. Shahzad. 2009. Effect of No. of buds per sett on germination percentage of autumn planted sugarcane varieties / clones. Proceedings of 43rd Annual convention of Pakistan Society of Sugar Technologists held on 25th - 26th August, 2008 at Karachi 152-154.
235. Afzal, M., A. Ghaffar, M. Munir, H.W.A. Khan and M.S. Cheema. 2010. Management practices for sustaining sugarcane yield and recovery under moisture deficit conditions. Abstracts of papers, Pakistan Society of Sugar Technologist, 44th annual convention, Rawalpindi.
236. Munir, M., M. Afzal, M.S. Cheema, H. W.A. Khan and A. Ghaffar. 2010. Studies on number and interval of Trichogramma cards for the effective control of sugarcane borers. Abstracts of papers, Pakistan Society of Sugar Technologist, 44th annual convention, Rawalpindi:11.
237. Khan, H. W. A. Khan, M. Munir, M. Afzal, A. Ghaffar, M.A. Mudassir and M.S. Cheema. 2010. Screening of sugarcane clones for resistance to red rot (*Colletotrichum falcatum*). Abstracts of papers, Pakistan Society of Sugar Technologist, 44th annual convention, Rawalpindi: 31.
238. Ghaffar, A., M.A. Mudassir, M. Afzal, M. S. Cheema, F. Ahmad, G.M. Wains and T. Mehmood. 2010. Effect of level and time of K₂O application on growth, yield and quality of sugarcane. Abstracts of papers, Pakistan Society of Sugar Technologist, 44th annual convention, Rawalpindi: 24.
239. Afzal, M., M. Munir and A.Ghaffar. 2010. Management practices for sugarcane crop under water stress conditions. Paper presented at pre-PSST convention at Faisalabad.
240. Cheema M. S., M. Afzal, M. A. Mudassir, M. Munir and T. Mahmood. 2010. better management practices for successful sugarcane cultivation in Punjab- Abstracts of papers, Pakistan Society of Sugar Technologist, 44th annual convention, Rawalpindi: 32.
241. Ghaffar A., M. A. Mudassir, M. Afzal, M. S. Cheema and M. Munir. 2011. Effect of level and time of K₂O application on growth, yield and quality of sugarcane. Proceedings of 44th Annual convention of PSST, Rawalpindi, Pakistan pp. 69-81.

242. Afzal M., A. Ghaffar, M. Munir, H. M. W. A. Khan, M. A. Mudassir and M. S. Cheema. 2011. Management practices for sustaining sugarcane yield and recovery under moisture deficit condition. Proceedings of 44th Annual convention of PSST, Rawalpindi, Pakistan pp. 92-99.
243. Khan H.M.W.A., M. Munir, M. Afzal, A. Ghaffar, M.A. Mudassir and M.S. Cheema. 2011. Screening of sugarcane clones for resistant to red rot (*Colletotrichum falcatum*). Proceedings of 44th Annual convention of PSST, Rawalpindi, Pakistan pp. 125-30.
244. Yasin M., S. Bashir, M.A. Mudassir, M. Afzal and M.S. Cheema. 2011. Effect of seed rates on yield and quality of sugarcane varieties. Proceedings of 44th Annual convention of PSST, Rawalpindi, Pakistan pp. 146-48.
245. Afzal M., A. Ghaffar, G. M. Wains and F. Ahmad. 2011. CPF 247- A variety for whole Punjab. 45th Ann. Conv. PSST, Lahore. pp. 11.
246. Fiaz N., M. Afzal, A. Ghaffar, M. A. Mudassir and M. A. Sarwar. 2011. Dextran-Prospectus and challenges in Pakistan. 45th Ann. Conv. PSST, Lahore. pp. 15.
247. Ghaffar A., M. Afzal, N. Fiaz, M.A. Mudassir and B.H. Babar. 2011. CPF 246- A hope for cane growers and sugar industry. 45th Ann. Conv. PSST, Lahore. pp. 27.
248. Mudassir M. A., A. Ghaffar, M. Afzal, G.M. Wains and N. Fiaz. 2011. Effect of number of buds in a sett on cane and sugar yield of sugarcane clones/commercial varieties. 45th Ann. Conv. PSST, Lahore. pp. 30.
249. Ahmad S., G. Abbas, M. Afzal, A. Ghaffar, G.M. Wains and M.A. Mudassir. 2011. Post harvest losses in promising sugarcane genotypes. 45th Ann. Conv. PSST, Lahore. pp. 32.

250. Afzal, M. and A. A. Chattha. 2004. Advanced Sugarcane Production Technology for Improving Cane & Sugar Productivity in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 109-114.
251. Chattha, A.A. and M. Afzal. 2004. Sugarcane and sugar production scenario in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 60-61.
252. Chattha, A.A., M. S. Anwar and M. Afzal. 2004. Research & Development Activities on Sugarcane in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 186-192.
253. Chattha, A.A., M. Afzal and M. U. Chattha. 2006. Sustainable cultivation of sugarcane for revival of sugar industry in Pakistan. Submitted for publication to IS-2006, China.
254. Afzal, M., A. A. Chattha, M.S. Anwar, M. Umer and M. Bilal. 2006. Problems and prospects of mechanization of small sugarcane farms in the Punjab province of Pakistan. Submitted for publication to IS-2006, China.
255. Afzal, M., A. A. Chattha, M. Munir, M. Umer and M. Bilal. 2008. Mechanization of small farms in Pakistan. Proceedings of the 3rd International Conference (IS-2008) on meeting the challenges of sugar crops and integrated industries in development countries held in Egypt (11-14 September, 2008): 104-109.
256. Chattha, A. A., M. Afzal, M. Munir, M. Umer and M. Bilal. 2008. Trench planting – a new approach for water management in sugarcane. Proceedings of the 3rd International Conference (IS-2008) on meeting the challenges of sugar crops and integrated industries in development countries held in Egypt (11-14 September, 2008): 91-94.
257. Ahamd S., M. Afzal, N. Fiaz, A. Ghaffar and M.A. Mudassir. 2011. CPF 247: Era of medium maturing varieties. Balancing Sugar and Energy Production in

Developing Countries: Sustainable Technologies and Marketing Strategies, New Delhi, India, Proceeding pp. 156-159.

258. Fiaz N., S. Bashir, M.Afzal and A. Ghaffar.2011. Resistance of red rot in sugarcane varieties Balancing Sugar and Energy Production in Developing Countries: Sustainable Technologies and Marketing Strategies, New Delhi, India, Proceeding pp. 123-126.

259. Afzal M., N. Fiaz, A.Ghaffar, H.M.W.A. Khan and B.H. Babar.2011. Impact of sugarcane varieties on cane yield and sugar recovery in Punjab, Pakistan. Balancing Sugar and Energy Production in Developing Countries: Sustainable Technologies and Marketing Strategies, New Delhi, India, Proceeding pp. 80-85.

260. Munir M., M. Afzal and N. Fiaz. 2011. Role of chemical and biological control agents against sugarcane borers in Punjab, Pakistan. Balancing Sugar and Energy Production in Developing Countries: Sustainable Technologies and Marketing Strategies, New Delhi, India, Proceeding pp.

261 Kausar, A.G., M. Hussain and S. Bashir. 1987. Effect of plant population on the yield and yield components of lentils (*Lens culinaris* L.). *Journal of Agri. Res.* 25(1): 63-72.

262 Kausar, A.G., S. Bashir and G. Abbas. 1987. Effect of plant population on pod abortion and naturally occurring fusarium oxysporum in lentil (*Lens culinaris* L.). *Journal of Agri. Res.* 25(4): 343-352.

263 Bashir, S., M. A. Gill and M. Afzal. 1989. Post harvest quality losses in two sugarcane varieties under different storage conditions. *Journal of Agri. Res.* 27 (3): 201-208.

264 Afzal, M., S. Bashir and M. A. Khan. 1990. Influence of harvesting dates on ratoon cane crop. *Pakistan Sugar Journal.* IV (4): 23-25.

265 Bashir, S., M. Afzal and R. M. Ahmad. 1990. Effect of harvesting dates on the yield and quality of sugarcane varieties. *Pakistan Sugar Journal.* V(1): 7-10.

266 Bashir, S. M. Afzal, M. A. Khan and M. Ilyas. 1990. After harvest losses in BL-4 and L-118. *Pakistan Sugar Journal* IV (2): 9-16.

267 Bashir, S., M. Afzal, M. A. Gill and K. B. Malik. 1992. Effect of mulching, herbicide and different irrigation levels on the yield and quality of sugarcane (BL-4). Paper presented in 27th Annual Convention of PSST held at Lahore.

- 268 Malik, B.K., S. Bashir and A. R. Zahid. 1993. Performance of some regional cane varieties under Faisalabad condition. *Pakistan Sugar Journal* VII(1): 3-6.
- 269 Bashir, S. and M. Saeed. 1998. Bio-mass production and partitioning in Sugarcane Genotype SPSG-394 as influenced by planting pattern and seeding density. *Journal of Agri. Res.* 36(2): 130-137.
- 270 Bashir, S. and M. Saeed. 2000. Planting pattern and population dynamics effects on quantitative traits of autumn sugarcane. *Journal of Agri. Res.* 38(4): 319-326.
- 271 Bashir, S., M. Saeed and M. Z. Khan. 1999. Agro-morphological response of autumn sugarcane to planting pattern and seeding density. *Journal of Agri. Res.* 37(1): 9-20.
- 272 Bashir, S., M. Saeed, A. Ghaffar, Z. Ali and R. M. Z. Khan. 2000. Analysis of economic aspects of raising autumn sugarcane at different planting patterns and seeding densities. *Int. J. Agri. Biol.* 2(4): 322-325.
- 273 Bashir, S., M. Saeed. 2000. Effect of planting pattern and seeding density on yield, weed mass production and crop lodging in sugarcane CV SPSG-394. *Pakistan Sugar Journal.* XV (04): 22-25.
- 274 Bashir, S. and M. Saeed (2000). Response of autumn-planted sugarcane to planting technique and seeding density. *J. Animal and Plant Sci.* 10(3): 6-9.
- 275 Bashir, S., M. Z. Khan and A. Ghaffar. 2000. Determining post-harvest losses in quantity and quality of cane varieties under varying storage conditions and durations. *J. Animal and Plant Sci.* 10(3): 14-18.
- 276 Bashir, S., M. Saeed. 2001. Economic analysis studies on sugarcane crop as affected by different planting pattern and seeding densities. *Pak Sugar J.* XVIII (05): 6-14.
- 277 Bashir, S., M. Saeed. 2001. Studies on correlation co-efficient (r) and regression models (r-square) in sugarcane as influenced by planting pattern and population dynamics. *Pak. Sugar J.* XVI (6): 119-125.
- 278 Khan, M. Z., S. Bashir and M. A. Bajwa. 2002. Yield and quality of sugarcane as influenced by inter-row spacing and seed rate. *Pakistan Sugar Journal* XVII (4): 7-9.
- 279 Bashir, S. 2003. Sugarcane yield and quality losses due to lodging as influenced by harvesting dates in autumn and spring crops. *Pak. J. Soil Sci.* 22 (02): 61-63.

- 280 Ahmad, F., M. A. Bajwa and B. Shahid. 2003. Performance of various sugarcane varieties under Faisalabad condition. Pak. Sugar J. XVIII : (5): 15-16.
- 281 Bashir, S., M. Z. Khan, M. A. Bajwa and Z. Ali. 2004. Performance of promising sugarcane varieties in response of inter-row spacings towards stripped cane and sugar yield. Pak. Sugar J. XIX (05): 15-18.
- 282 Bashir, S., A. A. Chattha, M. Yasin and Z. Mahmood. 2005. Sugarcane varieties and row spacing effect on sugarcane traits. Pak. Sugar J. XX (02): 18-20.
- 283 Rafiq, M., A. A. Chattha, G. M. Wains, F. Ahmad, A. Jabbar and S. Bashir. 2006. Yield potential of autumn planted sugarcane varieties / promising clones under Faisalabad conditions. Presented in 41st Ann. Conv. PSST, 21-22, Aug, 2006, Rawalpindi.
- 284 Bashir, S., A. A. Chattha, Z. Mahmood, N. Ahmad and M. Munir. 2007. Sugarcane quality losses due to different type of borers infestation influenced by harvesting dates in autumn and spring crops. Pak. Sugar Journal. Vol: XXII (2). P: 33-38.
- 285 Bashir, S., M. Kashif, A. D. Sheikh and M. Abbas. 2007. Sugarcane varietal adoption in the central Punjab. Pak. Sugar J. XXII (02): 27-32.
- 286 Bashir, S., A.A. Chattha, M. Z. Khan and J. Iqbal. 2007. Study on the ratooning ability of different sugarcane varieties at different harvesting dates presented in 42nd Annual Convention P.S.S.T.
- 287 Bashir, S. and Z. Mahmood. 2008. Effect of plant spacing on cotton yield and its components of cotton cultivars. Submitted for publication in Pak. J. of Soil Science.
- 288 Iqbal, J., A. A. Chattha, S. Bashir, M. Bilal and M. Shahzad. 2008. Yield potential of different autumn planted promising sugarcane clones / varieties under Faisalabad conditions. Submitted for publication in 43th Annual Convention, P.S.S.T. proceeding.
- 289 Munir, M., A. A. Chattha, M. Afzal, H.W.A.Khan and S. Bashir. 2008. Field screening of different sugarcane varieties / lines for resistance / susceptibility against the borers infestation. Submitted for publication in 43th Annual Convention, P.S.S.T. proceeding.
- 290 Khan, M. Z., M. Yasin, A. A. Chattha, M. Afzal, S. Bashir, M.U. Chattha and M. Shahzad. 2008. Effect of different no. of buds per set on germination percentage of autumn planted sugarcane varieties / clones. Submitted for presentation in 43rd Pakistan Society of Sugar Technologists Convention being held at Karachi.

- 291 Bashir, S., A.A. Chattha. 2011. Studies on the ratooningability of different sugarcane varieties at different harvesting dates. Submitted for publications in journal of Soil & Environment. Submitted in International Journal of Agri. & Biology.
- 292 Dr. Muhammad Yasin, Dr. Shahid Bashir, Fayyaz Ahmad, Dr. Tariq Mahmood and Dr. Muhammad Sarwar Cheema. 2009. Effect of seed rates on yield and quality of different sugarcane varieties. Presented in 44th PSST Convention, Rawalpindi.
- 293 Muhammad Zafrullah Khan, Muhammad Akhlaq Mudassir, Dr. Muhammad Sarwar Cheema and Dr. Shahid Bashir. 2009. Performance of sugarcane varieties/ clones as influenced by number of buds in a sett. Presented in 44th PSST Convention, Rawalpindi.
- 294 Dr. Javed Iqbal, Dr. Shahid Bashir, Dr. Muhammad Sarwar Cheema, Dr. Muhammad Azhair Munir, Muhammad Zafrullah Khan & Dr. Tariq Mahmood. yield and quality performance of promising sugarcane clones/varieties under agro ecological conditions of faisalabad. Presented in 44th PSST Convention, Rawalpindi.
- 295 Bashir, S., N. Fiaz and M. Sarwar. 2011. Ratooning ability of sugarcane genotypes at different harvest dates. Submitted for publication in Sugarcane International. The Journal of cane agriculture.
- 296 Cheema, M.S., S. Bashir and F. Ahmad. 2011. Integrated weed management practices for sugarcane. Accepted for publications in next issue of Pak. Journal of weed Science Weed. A Journal of Weed Science Society of Pakistan.
- 297 Saeed, M., S. Bashir and M. R. Khurshid. 2011. Studies on the rationing potential of different sugarcane varieties harvested on different dates. Published. Balancing sugar and energy production in developing countries. Sustainable technology and marketing strategies. New Delhi. India. pp: 220-223.
- 298 Bashir, S., N. Fiaz, A. Ghaffar and F. Khalid. 2012. Ratooning ability of sugarcane genotypes at different harvesting dates. International Sugar Journal Vol 114, No. 1360. pp: 273-276.
- 299 Iqbal, J., N. Fiaz, M. ul-Hassan., S. Bashir. Z., Khan, and M. Shafiq. 2012. Response of promising sugarcane clones / varieties under agro-ecological conditions of Faisalabad. Proc. 46th Ann. Conv. Pak. Soc. Sugar Tech. (Karachi).
300. Nazir, M.S., M.A. Nadeem, M.B. Gill and R. Ahmed (1991). Effect of planting geometry on yield and yield component of lentil (*Lens. culinaris* L). Sarhad J. of Agric. Vol. VII(2): 7-10.

301. Farooq, U., M. Sharif, M. Shafiq and M. A. Nadeem (1993). Distribution of sugarcane varieties in the central Punjab 1989-90. *Pakistan Sugar Journal*, VII(2): 3-6
302. Bajwa, M. A., S. M. A. Basra, M. A. Nadeem and R. M. Z. Khan (1993). Performance of promising sugarcane varieties in autumn planting. *Pakistan Sugar Journal* VII(4): 11-13.
303. Rafiq, M., A. A. Chattah, A. Sattar, Z. Mahmud and M. A. Nadeem (2007). Comparative performance of autumn planted sugarcane promising clones under Faisalabad conditions. *Pak, sugar J.* XII(01): 50-55.
304. Ghaffar, A., M. A. Sarwar, M. A. Nadeem, F. Ahmed and A. A. Chattha. 2008. Performance of different medium and late maturing sugarcane strains during selection process. *Pak, sugar J.* XXIII(03): 7-11.
305. Sarwar, M. A., F. Hussain, A. Ghaffar, M. A. Nadeem, M. M. Ahmed, M. Bilal, A. A. Chattha and M. Sarwar. 2008. Post harvest studies in sugarbeet. (*Beta vulgaris*) *J. Agri. Soc Sci.*, 4: 89-91.
306. Ghaffar, A., M. A. Sarwar, M. A. Nadeem, F. Ahmed and A. A. Chattha. 2007. Agronomic performance of some medium and late maturing sugarcane genotypes. *Pak, Sugar J.* XXIV(02): 16-19.
307. Nadeem, M. A., M. A. Sarwar, A. Ghaffar, F. Ahmed and A. A. Chattha. 2009. Evaluation of some sugarcane clones at Faisalabad. *Pak. Sugar J.* XXIV(03): 8-12.
308. Nadeem, M. A., M. A. Sarwar, A. Ghaffar and A. A. Chattha. 2009. Comparative study of some sugarcane strains in relation to yield and quality. *Pak. Sugar J.* XXIV(04): 22-24.
309. Nadeem, M. A., M. A. Sarwar, A. Ghaffar, F. Ahmed and A. A. Chattha. 2010. Qualitative and Quantitative studies of sugarcane clones. Submitted in *Pak. Sugar J.* VOL. 25(02): 2-6.
310. Sarwar, M. A., F. Hussain, M. A. Nadeem, A. Ghaffar and A. A. Chattha. 2011. Effect of some newly introduced fertilizers in sugarcane. *Pak. Sugar J.* Vol. 26(01): 2-9.
311. Nadeem, M. A., M. A. Sarwar, A. Ghaffar, F. Ahmed, F. Hussain and A. A. Chattha. 2007. Studies

- on the performance of sugarcane genotypes at Faisalabad. Pak. Sugar J. Vol.26(01):16-21.
312. Sarwar, M.A., F. Hussain, M.A. Nadeem, A. Ghaffar, M. Umar and A.A. Chattha. 2007. Performance of different sugarcane strains for physio-chemical characteristics of jaggery. J. Agri. Soc. Sci, 5:40-42.
313. Zahoor, R, S.M.A. Basra, H. Munir, M.A. Nadeem and S. Yousaf, 2011. Role of boron in improving assimilate partitioning and achene yield in sunflower. J. Agric. Soc. Sci., 7:49-55
314. Khan H.M.W.A. and A. Mohy-ud-Din, 1996. Evaluation of some fungicides against Fusarium oxysporum f. sp. lini and linseed wilt. Pak. J. Phytopathol 8 (1):52-54:
315. Khan H. M.W., A. Mohy-ud-Din and S.A.A Bokhari, 1997. Screening of linseed germplasm for the sources of resistance against linseed wilt disease. JAPS, 7 (3-4): 103-104.
316. Khan H.M.W.A., A Mohy-ud-Din and S.A.A. Bokhari 1997. Field evaluation of soybean germplasm for resistance to yellow mosaic virus (SYMV). JAPS, 7 (3-4): 105-106.
317. Khan H.M.W.A. 1998. Screening of sugarcane germplasm for resistance to Red rot *Colletotrichum falcatum* Pak. J. Phyto Path. 10 (2) PP: 98-100.
318. Khan H.M.W.A. & Arshad Ali Chattha. 2000. Sugarcane diseases control management. Pak. Sug.J. 15 (16): PP. 62-66.
319. Khan H.M.W.A. & Arshad Ali Chattha. 2001. Occurrence of new sugarcane diseases on sugarcane. Pak. Sug. J. 16 (6): 76-80.
320. Khan H.M.W.A. & Arshad Ali Chattha. 2001. Sugarcane diseases and their varietal reaction. Proceeding of 36th Annual Convention of PSST. PP: 30-36.
321. Khan H.M.W.A. & Arshad Ali Chattha. 2002. Evaluation of resistance in sugarcane varieties / lines to whip smut diseases. Pak. Sugar. J. XVH (VI): 69-74.
322. Khan H.M. W. A., M. Zafar & Dr. Arshad Ali Chattha, 2003. Screening of sugarcane varieties against red stripe. Paper presented in 4th Workshop on R & D Activities on Sugar Crops. October 6-7, 2003 at SSRI, Jhang. P. 83-86.

323. Khan H.M.W.A, M. Zafar & Dr. Arshad Ali Chattha & Dr. M. Afzal. 2003. Control measures for sugarcane whip smut (*Ustilago scitaminea* Syd.). Paper presented in 4th Workshop on R & D Activities on Sugar Crops. October 6-7, 2003 at SSRI, Jhang. P. 1. 117-120.
324. Khan H.M.W.A., Tufail Ahmed and A.A. Chattha. 2004. Integrated management of sugarcane insects. Paper Presented in Fifth Workshop of R&D, held on 5-6 October, 2004 at SSRI, Jhang.
325. Khan H.M.W.A., M. Afzal & A.A. Chattha. 2004. Integrated management of sugarcane diseases. Paper Presented in the 39th Annual convention of Pakistan Society of Sugar Technologists on 30-31 August & 1st September, 2004 at Lahore.
326. Khan. H.M.W.A. Dr. A. A. Chattha, Dr. M. Afzal & M. Bilal 2005. An environmental friendly approach for pests and diseases control in sugarcane. Paper presented in 40th annual convention/ golden Jubilee of PSST.
327. Khan H.M.W.A. M. Umer and A.A. Chattha. 2006. Variability of red rot (*Colletorichum falcatum* Went.) In sugarcane germ-plasm. Abst. 41st Ann. Conv. P.S.S.T., 21-22 Aug, 2006, Rawalpindi. PP. 28.
328. Khan H.M.A. M. Munir and A.A. Chattha. 2007. Role of mosaic free seed in sugarcane and sugar production. Pak- Sugar. J. Jan- Feb XXII (01) 73-75.
329. Munir, M.M Afzal A.A. Chattha and H.W.A Khan 2008. Screening of early and medium/late maturing sugarcane varieties/lines against Borer complex infestation in central Punjab, Pakistan. J.A agric Res.46 (4) 373-378.
330. Khan, H. M. W.A, A.A. Chattha, M. Munir and A. Zia, 2009. Evaluation of Resistance in sugarcane clones against whip smut. Vol 02(01) 92-93 Phyto Pathology J.
331. KHAN H.M. W. A, M, M. Munir, Dr. A. A. Chattha and Amjad Zia. 2010 Integrated control strategies for sugarcane diseases. Pak Sugar J. xxv(01) 8-10.
332. Afzal, M., A. Ghaffar, M. Munir, H.M.W.A. Khan and M.S. Cheema, 2010. Management practices for sustaining sugarcane yield and recovery under moisture deficit conditions. Abstracts of papers, Pakistan Society of Sugar Technologist, 44th annual convention, Rawalpindi.

333. Munir, M., M. Afzal, M.S. Cheema, H.W.A. Khan and A. Ghaffar, 2010. Studies on number and interval of Trichogramma cards for the effective control of sugarcane borers. Paper presented at 44th Annual convention of Pakistan society sugarcane Technologists held at Rawalpindi , 17-18 August 2009 :48-53.
334. Khan, H.W.A., M. Munir, M. Afzal, A. Ghaffar, M.A. Mudassir and M.S. Cheema, 2010. Screening of sugarcane clones for resistance to red rot (*Colletotrichum falcatum*). Paper presented at 44th Annual convention of Pakistan Society Sugarcane Technologists held at Rawalpindi , 17-18 August 2009 :125-130.
335. Afzal, M., A. Ghaffar, M. Munir, H. M. W. A. Khan, M. A. Mudassir and M. S. Cheema, 2011. Management practices for sustaining sugarcane yield and recovery under moisture deficit condition. Proceedings of 44th Annual convention of PSST, Rawalpindi, Pakistan, pp. 92-99.
336. Khan, H.M.W.A., M. Munir, M. Afzal, A. Ghaffar, M.A. Mudassir and M.S. Cheema, 2011. Screening of sugarcane clones for resistant to red rot (*Colletotrichum falcatum*). Proceedings of 44th Annual convention of PSST, Rawalpindi, Pakistan, pp. 125-30.
337. Khan, H.M.W.A, M. Awais, W. Raza and A.Zia 2011. Identification of sugarcane lines with resistance to red rot. Pak. J. Phyto pattal 23 (2): 98-102.
338. Afzal, M., M. I. Tabassum, M. Munir, H. W. A. Khan, S. Ahmad, S. Afghan and K. Ali, 2012. Out field testing of promising Sugarcane genotypes of Sugarcane Research Institute, Faisalabad and Shakar Ghanj Sugar Research Institute, Jhang. Paper presented at 46th PSST Annual convention at Karachi (3-4 September 2012).
339. Munir, M., M. Afzal, H.W.A. Khan and S. Ahmad, 2012 Screening of promising genotypes against borers in National Uniform Varietal Yield Trials under Faisalabad conditions. Paper presented at 46th PSST Annual convention at Karachi (3-4 September 2012).
340. Khan, H.W.A., M. Afzal, M. Munir and S. Ahmad, 2012. Response of sugarcane early, medium and late maturing promising lines against red rot in central Punjab. Paper presented at 46th PSST Annual convention at Karachi (3-4 September 2012).
341. Khan H.W.A. and A.A. Chattha. 2004. Integrated Management of Sugarcane Diseases & Insects in Pakistan. Proceedings of the International Symposium on Sustainable Sugarcane and Sugar Production Technology. China Agri. Press Beijing, China. PP: 468-471.

342. Khan, H.M.W.A., M. Afzal, M. Awais, W. Raza, N. Fiaz and A. Zia. 2011. Resistance to red rot in sugarcane varieties. Paper published in the conference of Balancing sugar and energy production in developing countries: Sustainable technologies and Marketing strategies, New Delhi, India, PP599-602.
343. Afzal, M.m N. fiaz, A. Ghaffar, H. M.W.A. Khan, and B.H.Babar, 2011. impact of sugarcane varieties on cane yield and sugar recovery in Punjab, Pakistan. Paper published in the conference of Balancing sugar and energy production in developing countries: Sustainable technologies and Marketing strategies, New Delhi, India, PP 80-85.
344. Ghulam Abbas, M. Aslam Mian and Ghulam Dastgir Khan(1988) "Effect of Sulphuric Acid on Growth and Phosphorus Uptake of Rice in Calcareous Soil" JAR Vol-26, NO. 4 P- 283-288.
345. Muhammad Anwar, Ghulam Abbas, Ghulam Dastgir Khan, Nazir Hussain and Fazal Muhammad(1988) "Effect of Sulphuric Acid on Chemical Properties of Sodic Soils" JAR Vol-26, NO.4 P-223-231.
346. Mohammad Nadeem Iqbal, Ghulam Abbas and Mumtaz Ahmad(2003) "Micronutrients Status of Some Soils of Faisalabad and Sargodha Divisions" JAR Vol-39, No.4
347. S.M.Mehdi, G. Abbas, M.Sarfraz, S.T. Abbas and G. Hassan(2003) " Effect of Industrial Effluents on Mineral Nutrition of Rice and Soil Health" Pak. Journal of Applied Sciences 3(6): 462-473.
348. Ghulam Abbas(2011) "Post Harvest Losses in Promising Sugarcane Genotypes" Proc.45th Ann. Conv. Pak. Soc. Sugar Tech., Lahore.
- 3 Ahmad, M., M.R. Khan and M. Munir, 1990. Development of economic
4 threshold level for rice stem borers, (*Scirpophaga incertulas*, S: innotate),
9 on Basmati 385 under rice agro eco-system of Gujrat District Pak. Entomol,
. 12(1-2): 26-30
- 3 Aheer, G.M., M. Munir and A. Ali, 2002. Role of abiotic factors in fluctuating
5 aphid population in wheat crop under the ecosystem of Mandi Baha-ud-Din
0 District. J. Agric. Res. 40(1): 47-53
.
- 3 Aheer, G.M., M. Saeed, Z. shah, M. Munir and A. Ali, 2005. Screening of
5 Potato varieties / advanced lines against potato aphid *Myzus persicae*
1 (Sulz.). J. Agric. Res, 43 (3): 269-271
.
- 3 Anwar, M.S., H.M.A. Khan, M. Munir and A.A. Chattha, 2006. Role of mosaic
5 free seed in sugarcane and sugar production. Pak. Sugar Journal 22 (1):

4 73-75
.

3 Aheer, G.M., A. Ghani, A. Ali, Z. Iqbal and M. Munir, 2005. A Survey on the
5 intensity of *Epiricania melanoleuca* (Fletcher) on sugarcane trash in Punjab
5 (Pakistan). Pak. Sugar Journal, 20 (6): 14-16
.

3 Anwar, M.S., M. Munir and A.A. Chattha, 2006. Screening of sugarcane
5 cultivars against borers infestation under agro-ecological conditions of
6 Faisalabad district. Abst. 41st Ann. Conv. PSST, 21-22 Aug, 2006,
. Rawalpindi. PP. 27

3 Aheer, G.M., M. Munir and A. Ali, 2006. Screening of wheat cultivars against
5 aphids in ecological conditions of M.B. Din, District. J Agric. Res. 44 (1): 55-
7 58
.

3 Aheer, G.M., M. Munir and A. Ali, 2007. Impact of weather factors on
5 population of wheat aphids at Mandi-Baha-uddin District. J. Agric. Res. 45
8 (1): 61-66
.

3 Anwar, M.S., H.W.A Khan, M. Munir and A.A. Chattha, 2007. Role of Mosaic
5 free seed in sugarcane and sugar production. Pak. Sugar Journal Vol. 22
9 (1): 73-75
.

3 Bashir, S., A.A. Chattha, Z. Mohmood, N. Ahmad and M. Munir, 2007.
6 Sugarcane quality losses due to different types of borers infestation
0 influenced by harvesting dates in autumn and Spring crops. Pak. Sugar
. Journal, 22 (2): 33-38

3 Afzal, M., A. A. Chattha, M. Munir, M. Umer and M. Bilal, 2008. Growing
6 sugarcane under water stress conditions. Paper presented in PSST pre-
1 convention seminar at Faisalabad
.

3 Afzal, M., A.A. Chattha, M. Munir, M. Umer and M. Bilal., 2009. Recent
6 advances in cultural techniques for the improvement of water use efficiency
2 in sugarcane. Paper presented in 43th Annual convention of Pakistan
. Society of Sugar Technologists held at Karachi (25 – 27 August, 2008): 95-
99

3 Munir, M, A.A. Chattha, M. Afzal, H.W.A. Khan, and S. Bashir, 2009. Field
6 screening of different sugarcane varieties/lines for resistance/susceptibility
3 against borer infestation. Paper presented in 43th Annual convention of
. Pakistan Society of Sugar Technologists held at Karachi (25 – 27 August,
2008): 138-142

- 3 Chattha, A. A., M. Afzal, M. Munir, M. Umer and M. Bilal, 2009. Trench
6 planting-a new approach for water management in sugarcane. Paper
4 presented in 43th Annual convention of Pakistan Society of Sugar
. Technologists held at Karachi (25 – 27 August, 2008): 117-119
- 3 Khan, H.M.W.A., A.A. Chattha, M. Munir and A. Zia, 2009. Evaluation of
6 resistance in sugarcane clones against whip smut. Paper presented in 43th
5 Annual convention of Pakistan Society of Sugar Technologists held at
. Karachi (25 – 27 August, 2008): 155-159
- 3 Munir, M., M. Afzal, A.A. Chattha, M. Umer and M. Bilal., 2009 Screening of
6 early and medium/late maturing sugarcane cultivars against borer complex
6 infestation in Central Punjab (Pakistan). J. Agric. Res. 46 (4)
.
- 3 Afzal, M., A. Ghaffar, M. Munir, H.W.A. Khan and M.S. Cheema, 2010.
6 Management practices for sustaining sugarcane yield and recovery under
7 moisture deficit conditions. Abstracts of papers, Pakistan Society of Sugar
. Technologist, 44th annual convention, Rawalpindi
- 3 Munir, M., M. Afzal, M.S. Cheema, H.W.A. Khan and A. Ghaffar, 2010. Studies
6 on number and interval of Trichogramma cards for the effective control of
8 sugarcane borers. Paper presented at 44th Annual convention of Pakistan
. society sugarcane Technologists held at Rawalpindi , 17-18 August 2009 :48-
53
- 3 Khan, H.W.A., M. Munir, M. Afzal, A. Ghaffar, M.A. Mudassir and M.S. Cheema,
6 2010. Screening of sugarcane clones for resistance to red rot (*Colletotrichum*
9 *falcatum*). Paper presented at 44th Annual convention of Pakistan Society
. Sugarcane Technologists held at Rawalpindi , 17-18 August 2009 :125-130
- 3 Afzal, M., M. Munir and A.Ghaffar, 2010. Management practices for sugarcane
7 crop under water stress conditions. Paper presented at pre-PSST convention at
0 Faisalabad.
.
- 3 Cheema, M.S., M. Afzal, M. A. Mudassir, M. Munir and T. Mahmood, 2010.
7 Better management practices for successful sugarcane cultivation in Punjab.
1 Paper presented in Pakistan Society of Sugar Technologist, 44th annual
. convention, Rawalpindi: 131-145.
- 3 Ghaffar, A., M. A. Mudassir, M. Afzal, M. S. Cheema and M. Munir, 2011. Effect
7 of level and time of K₂O application on growth, yield and quality of sugarcane.
2 Proceedings of 44th Annual convention of PSST, Rawalpindi, Pakistan pp. 69-81
.
- 3 Afzal, M., A. Ghaffar, M. Munir, H. M. W. A. Khan, M. A. Mudassir and M. S.
7 Cheema, 2011. Management practices for sustaining sugarcane yield and

3 recovery under moisture deficit condition. Proceedings of 44th Annual
7 convention of PSST, Rawalpindi, Pakistan, pp. 92-99

3 Khan, H.M.W.A., M. Munir, M. Afzal, A. Ghaffar, M.A. Mudassir and M.S.
7 Cheema, 2011. Screening of sugarcane clones for resistant to red rot
4 (Colletotrichum falcatum). Proceedings of 44th Annual convention of PSST,
7 Rawalpindi, Pakistan, pp. 125-30

3 Afzal, M., M. I. Tabassum, M. Munir, H. W. A. Khan, S. Ahmad, S. Afghan
7 and K. Ali, 2012. Out field testing of promising Sugarcane genotypes of
5 Sugarcane Research Institute, Faisalabad and Shakar Ghanj Sugar Research
7 Institute, Jhang. Paper presented at 46th PSST Annual convention at
7 Karachi (3-4 September 2012)

3 Munir, M., M. Afzal, H.W.A. Khan and S. Ahmad, 2012 Screening of
7 promising genotypes against borers in National Uniform Varietal Yield Trials
6 under Faisalabad conditions. Paper presented at 46th PSST Annual
7 convention at Karachi (3-4 September 2012)

3 Afzal, M., M. Munir, M.I. Tabassum and S. Ahmad, 2012. Performance of
7 commercial sugarcane varieties for sugar recovery in different sugar mills of
7 Punjab. Paper presented at 46th PSST Annual convention at Karachi (3-4
7 September 2012)

3 Khan, H.W.A., M. Afzal, M. Munir and S. Ahmad, 2012. Response of
7 sugarcane early, medium and late maturing promising lines against red rot
8 in central Punjab. Paper presented at 46th PSST Annual convention at
7 Karachi (3-4 September 2012)

3 Chattha. A. A., M. Afzal, M. Munir, M. Umer and M. Bilal, 2008. Trench
7 planting-a new approach for water management in sugarcane. Proceedings
9 of the 3rd International Conference (IS-2008) on Meeting the Challenges of
7 Sugar Crops and Integrated Indus tries in Developing Countries held in
7 Egypt (11-14 September 2008): 91-94

3 Afzal, M., A.A. Chattha, M. Munir, M. Umer and M. Bilal, 2008.
8 Mechanization of small farms in Pakistan. Proceedings of the 3rd
0 International Conference (IS-2008) on Meeting the Challenges of Sugar
7 Crops and Integrated Industries in Developing Countries held in Egypt (11-
7 14 Sept; 2008): 104-109

3 Munir, M., M. Afzal and N. Fiaz. 2011. Role of chemical and biological
8 control agents against sugarcane borers in Punjab, Pakistan. Balancing
1 sugar and energy production in developing countries. Sustainable
7 technologies and marketing strategies, New Delhi, India, Proceedings,
7 pp:496-499

- 382 Iqbal, J., N. Fiaz, M. Hussain, S. Bashir, M. Z. Khan and M. Shafiq. 2012. Response of promising sugarcane clones / varieties under agr-ecological conditions of Faisalabad. Paper presented at 46th Ann. Conv. PST. 2-3 Sept.
- 383 Zafar, M., S. Ahmad, M. A. Munir, A. Ghaffar, S. Bashir, M. Saeed, M. Zafrullah Khan. 2012. Adoptability study of exotic sugarcane clone under Faisalabad agro-climatic conditions. Paper accepted for publication in PSJ. July – Sept.
- 384 Zafar, M., S. Ahmad, M. A. Munir, A. Ghaffar, S. Bashir, M. Saeed, M. Zafrullah Khan. 2012. Screening of sugarcane genetic material at primary nursery stage for sugarcane agronomy. Paper accepted for publication in PSJ. Oct – Dec.
- 385 Khan, M. Z. et al. 2009. Effect of different no. of buds per sett on the germination percentage of autumn planted sugarcane varieties / clones. Paper presented in PSST Annual Conv. on 17th -18th August. 88-91.
- 386 Shahid, B., A.A. Chattha, M.Z. Khan & Zahid, M. 2007. Study on ratooning ability of different harvesting dates, - Proceeding of 42nd Annual Conv. PSST. Lahore.
- 387 Shahid, B., Muhammad Zafarullah Khan & Naeem Ahmad. 2002. Yield and quality of sugarcane as influenced by inter row spacing and seed rate. Pak. Sugar Jour. 17 (4).
- 388 Shahid, B., Muhammad Zafarullah Khan & Abdul Ghaffar. 2000. Determining Post-Harvest Losses in quality of sugarcane varieties under varying storage conditions and durations. (JAPS, 10-3).
- 389 Shahid, B., Muhammad Saeed & M. Zafar Ullah Khan. 1999. Agro-Morphological Response of Autumn Sugarcane to planting Pattern and seed density. J. Agri. Res. 36 (2).
- 390 Noor Ahmad, Muhammad Saeed and Muhammad Zafar Ullah Khan. 1998. Intercropping and planting pattern effects on different physiological traits of Wheat. J. Agri. Res. 36 (2).
- 391 Khan, M. Z., Shahid, B. and Bajwa, M.A.. 2004. Performance of promising sugarcane varieties in response of inter-row spacings towards stripped cane and sugar yield. Pak Sugar Jour. XIX (15): 15-18.
- 392 Khan, M.Z., Bajwa, & Karim Bukhsh Malik. 1995. Sugarcane yield and quality as affected by inter row spaces under mechanized farming. Proceeding 30th. PSST Conv. 30-31 August.

- 393 Hussain. A., M. Rafique, T. Mahmood & M. Zafarullah Khan. 1990. Hybrid Vigour in relation to development in Cotton (*Gossypium Hirsutum* L). J. Agri. Res. 28 (3).
- 394 Bhatti. M.S., A. Rashid & M.S. Iqbal & M. ZafarUllah Khan. 1995. Efficiency of soybean Inter cropping with corn and mung. J. Agri. Res. 33 (I) 7-14.
- 395 Bajwa: M.A. , S. M. Ahmed, M.A. Nadeem & M.ZafarUllah Khan. 1993. Performance of promising sugarcane varieties in autumn planting. Pak. Sug. Jour VII(4) 11-13.
- 396 Hussain,A.,M. Rafique,t, Mahmood & M.Zafarullah Khan 1990. Hybrid Vigour in relation to development in Cotton (*Gossypium Hirsutum* L). J.Agri.Res.28 (3).
397. Yasin, M., M. Shafi and M. Azhar Munir. 2001. Production potential and economics of autumn sugarcane to different associated cultures. J. Agric. Res. Vol. 39(2) April – June, 2001.
398. Rafiq, M., M. Yasin, A. A. Chattha & M. Azhar Munir. 2005. Studies on the ratoonability of different sugarcane varieties and promising clones. Proceeding of 40th Ann. Conv. PSST, Karachi. PP. 195-202.
399. Zafar, M., M.A. Grawal, M. A. Munir, F. Hussain and A. A.Chattha. 2005. Selection of American origin sugarcane clones at primary nursery stage on the growth, quality and disease response basis. Pak. Sugar J., Vol. XX (02): 8-12.
400. Zafar, M., M. A. Grawal, M. A. Munir, M. Afzal and A. A. Chattha. 2005. Screening of exotic sugarcane clones aty initial nursery stage for their potential and adaptability. Pak. Sugar J., Vol. XX (04): 2-7.
401. Munir, M. A., M. Yasin, M. Zafar, A. A. Chattha and G. M. Wains. 2006. Effect of spacing on the yield of sugarcane inter-cropped with sugar beet. Abst. 41st Ann. Conv. PSST, 21-22 Aug, 2006, Rawalpindi. P: 25.
402. Munir, M. A., M. A. Sarwar, J. Iqbal, F. Hussain and A. A. Chattha. 2007. Yield and quality comparison of promising varieties of autumn sowing sugarcane. Accepted in Pak. Sugar J.
403. Munir, M.A., M. Asghar Malik and M. Yasin. 2007. Performance of sunflower in response to nitrogen management at different stages. Vol. 44 (1-2), Pak. J. Agri. Sci. 2007.

404. Munir, M.A., M. Asghar Malik and F. Saleem. 2007. Impact of integration of crop manuring and nitrogen application on growth, yield and quality of spring planted sunflower. 39(2) April-2007. Pakistan J. Botany.
405. Munir, M. A., M. A. Sarwar, J. Iqbal. And F. Hussain. 2007. Qualitative and quantitative characteristics of some autumn sown promising sugarcane varieties. Accepted in Pak. Sugar J.
406. Hussain, F., M. A. Sarwar, M. A. Munir, M. Bilal, A. A. Chattha, M. Umer and M. Yasin. 2008. Role of cane varieties in sugar industry and gur making. Accepted in J. Agric. Res.
407. Hussain, F., M. A. Sarwar, M. A. Munir, M. Bilal, A. A. Chattha, M. Umar and M. Yasin. 2008. Evaluation of promising sugarcane varieties through hydraulic press. Accepted in Agri. Res.
408. Iqbal, J., M. Asghar Malik and M. A. Munir. 2007. Bio-economics of autumn planted sunflower (*Helianthus annuus* L.) hybrids under different NPK applications. Accepted in Pak. Agric. Sciences, UAF.
409. Iqbal, J., M. Asghar Malik and M. A. Munir. 2007. Performance of autumn planted sunflower hybrid under different planting pattern. Pak. J. Agric. Sci. 44(4): 587-591.
410. Munir, M. A., M. A. Sarwar, J. Iqbal, F. Husain and A. A. Chattha. 2008. Effect of spacing on yield and quality of autumn sown sugarcane intercropped with sugar beet. Pak. Sugar J. 23(3): 18-21.
411. Munir, M.A., M. Zafar, M. Yasin, Javed Iqbal and M. Sarwar Cheema. 2009. Qualitative and quantitative characteristics of some autumn sown promising sugarcane varieties. Pak. Sugar J. Vol. 24 (4): 8-11.
412. M. Yasin, M.S. Nazir, M.A. Munir, M. Saeed and A. Ghaffar, 2001 Production potential and economic assessment of autumn sugarcane with different associated cultures. Journal of Agricultural Research. Vol 39 (2) April- June 2001.
413. M. Yasin, M. A. Malik and M. S. Nazar. 2003. Plants spacings cum N management effected on forage yield of Mott grass. Pakistan Journal of Agronomy. 2 (1): 13-19, 2003 ISSN 1680-8207.
- 414 M. Yasin, M. A. Malik and M. S. Nazar. 2003. Effect of different spatial arrangements on forage yield, yield components and quality of Mott elephant grass. Pakistan of Journal of Agronomy. 2(1): 52-58, 2003 ISSN 1680-8207.

415. Bashir, S. A. A.A. Chattha, M. Yasin, and Z. Mahmood, 2005. Sugarcane varieties and row spacing effect on sugarcane trials. Pak Sugar Journal 20 (2): PP.18-20.
416. Anwar, M. S, A. A. Chattha, M. Afzal, M. Yasin, M. Bilal and G. M. Wains, 2005 An environmental friendly approach for pests and diseases control in sugarcane. Proc. 40th Ann. Conv. of PSST held on 5-7 Sep, 2005 at Karachi P: 170.
417. M. Rafique, A. A. Chattha, A. Jabbar, G. M. Wains, M. U. Chattha, M. Yasin, and A. Munir, 2005. Studies on the ratoonability of different sugarcane varieties/ promising clones Proc. 40th Ann. Conv. of PSST held on 5-7 Sep, 2005 at Karachi P: 195.
418. Munir, M.A. F. Ahmad, M. Zafar, A.A. Chattha and M. Yasin, 2006. Yield and quality comparison of promising varieties of autumn sown sugarcane. Abst. 41st Ann. Conv. PSST, 21-22 August, 2006, Rawalpindi, PP21.
419. Munir, M.A. M. Yasin, M. Zafar, A.A. Chattha and G. M. Wains, 2006. Effect of spacing on the yield of sugarcane intercropped with sugar beet. Abst.41st Ann. Conv. PSST, 21-22 August, 2006, Rawalpindi PP. 25.
420. Chattha, A.A. M. Rafiq, F. Ahmad; M. Yasin, M. Afzal and M.B. Chattha 2006. Development of Sugarcane in Punjab. An over view. Proc. of Seminar on Agri; 2006, organized by Pak. Soc. Sugar Technologist: 77-93.
421. Munir, A. M; M. Yasin, M, Bilal and A. A. Chattha, 2007. Yield and quality comparison of promising varieties of autumn sown sugarcane. Paper presented in 42nd annual convention of Pakistan Society of Sugarcane Technologist at Lahore. Abst 14.
422. F. Hussain, M.A. Sarwar, M.A Munir, A. A. Chattha, M. Bilal, and M. Yasin, 2008 Role of cane varieties in sugar industry and gur making. J.Agric. Res. :2008.
423. Khan, M.Z. M. Yasin, A. A. Chattha, M. Afzal, S. Bashir, M. U. Chattha and M. Shahzad 2008 Effect of different no. of buds per set on germination percentage of autumn planted promising sugarcane varieties / clones. Submitted for presentation in 43th Pak. Society of Sugar Technologists Convention held at Karachi.
424. Ahmad, A., R. Ahmad, A. Jabbar and A. Ghaffar. 2000. Agro-qualitative response of spring sugarcane to geometric arrangement. Pak. Sug. J., 15(3): 2-5.

425. Ghaffar, A., R. Ahmad, A. Ahmad and A. Jabbar. 2000. Effect of flat and pit plantation on agronomic traits and juice quality of autumn planted sugarcane. Pak. Sug. J., 15(4): 18-22.
426. Ghaffar, A., A. M. Randhawa and M. A. Khan. 2002. Performance of maize varieties for forage yield. J. Agric. Res., 40(2):143-147.
427. Ghaffar, A., M. A. Sarwar, M.A. Nadeem, F. Ahmad and A. A. Chattha. 2008. Performance of different medium and late maturing sugarcane strains during selection process. Pak. Sug. J., 23(3): 7-11.
428. Ghaffar, A., M. A. Sarwar, M. A. Nadeem, F. Ahmad and A. A. Chattha. 2009. Agronomic performance of some medium and late maturing sugarcane genotypes. Pak. Sug. J., 23(2): 16-19.
429. Ghaffar, A., M. A. Sarwar, M. A. Nadeem, F. Ahmad and A. A. Chattha. 2009. Quality of sugarcane (*Saccharum officinarum* L.) as influenced by higher dose of potash and time of its application. Paper presented in 2009 International Annual Meetings. November 1-5, 2009. Pittsburgh, USA.
430. M. A. Cheema, A. Ghaffar, M.F. Saleem, M. A. Wahid, B. H. Babar and S. Hussain. 2009. Growth and yield response of sugarcane as influenced by potassium management. Paper presented in 2009 International Annual Meetings. November 1-5, 2009. Pittsburgh, USA.
431. Ghaffar, A., M. A. Mudassir, M. Afzal, M. S. Cheema and M. Munir. 2009. Effect of level and time of K₂O application time on growth, yield and quality of sugarcane. Proc. 44th annual convention PSST, 17th -18th August, 2009 Rawalpindi:69-81.
432. Ghaffar, A., M. F. Saleem, A. Ali and A.M. Ranjha. 2010. Effect of K₂O of levels and its application time on growth and yield of sugarcane. J. Agric. Res., 48(3):315-325.
433. Ghaffar A., M. Afzal, N. Fiaz, M.A. Mudassir and B.H.Babar. 2011. CPF 246- A hope for cane growers and sugar industry. 45th Ann. Conv. PSST, Lahore. pp. 27.
434. Ashraf, M., Rahmatullah, S. Kanwal, M.A. Tahir, A. Sarwar and L. Ali. 2007. Differential salt tolerance of sugarcane genotypes. Pakistan J. Agri. Sci., 44 (1):85-89.
435. Hussain, F., M.A. Sarwar and A.A. Chattha. 2007. Screening of some sugarcane genotypes for gur quality. J. Anim. Pl. Sci. 17(3-4):76-78.
436. Sarwar, M.A., F. Hussain and A.A. Chattha. 2008. After harvest qualitative and quantitative behavior of some sugarbeet varieties. J. Anim. Pl. Sci. 18 (4):139-141.

437. Sarwar, M.A., F. Hussain and A.A. Chattha. 2008. Evaluation of some sugarcane clones for qualitative characteristics of gur. *Life Sci. Int. J.* 2 (1): 590-594.
438. Sarwar, M.A., F. Hussain, A. Ghaffar, M.A. Nadeem, M.M. Ahmad, M. Bilal, A.A. Chattha and M. Sarwar. 2008. Post-harvest studies in sugarbeet (*Beta vulgaris*). *J. Agri. Soc. Sci.* 4: 89-91.
439. Hussain, F., M.A. Sarwar, M.A. Munir, M. Umer, A.A. Chattha, M. Bilal and M. Yasin. 2008. Role of cane varieties in sugar industry and gur making. *J. Agric. Rec.* 46 (2): 171-180.
440. Sarwar, M.A., F. Hussain, M. Umer, M. Bilal, A. Nadeem & A.A. Chattha. 2009. Comparative efficiency of solid and liquid fertilizer in sugarcane. *Pakistan Sugar J.* 24 (1): 6-9.
441. Sarwar, M.A., F. Hussain, M.A. Nadeem, A. Ghaffar, M. Umer and A.A. Chattha. 2009. Performance of different sugarcane strains for physico-chemical characteristics of jaggery. *J. Agri. Soc. Sci.* 5: 40-42.
442. Ashraf, M., Rahmatullah, R. Ahmad, A.S. Bhatti, M. Afzal, A. Sarwar, M.A. Maqsood and S. Kanwal. 2010. Amelioration of salt stress in sugarcane (*Saccharum officinarum* L.) by supplying potassium and silicon in hydroponics. *Pedosphere.* 20 (2): 153-162.
443. Ashraf, A., Rahmatullah, M. Afzal, R. Ahmed, F. Mujeeb, A. Sarwar and L. Ali. 2010. Alleviation of detrimental effects of NaCl by silicon nutrition in salt-sensitive and salt tolerant genotypes of sugarcane (*Saccharum officinarum* L.). *Plant Soil.* 326: 381-391.
444. Hussain, F., M.A. Sarwar, M.A. Ali, N. Fiaz, A. Ghaffar and A.A. Chattha. 2010. Impact of balanced fertilization along with time of phosphorus and potassium application on yield and quality of sugarcane. *Int. J. Agric. Appl. Sci.*, 2(2): 95-100.
445. Sarwar, M.A., F. Hussain, A. Ghaffar, M.A. Nadeem and A.A. Chattha. 2011. Effect of some newly introduced fertilizers in sugarcane. *Pakistan Sugar J.* 26 (11): 2-9.
446. Sharar, M. S. M. Saeed, M. Ayub and M. Kamran. 1998. Comparative yield potential of second ratoon of promising varieties of sugarcane. *Journal of Animal & Plant Sciences.* 8(1-2): 45-46.
447. Rizwan, M., M. Maqsood, M. Rafiq, M. Saeed and Z. Ali. 2003. Response of split application of nitrogen. *Int. J. Agric. Biol.* 5(1): 19-21.
448. Yar, A., M. S. Iqbal, A. Ali, H. M. Akram, M. Saeed and K. A. Sahi. 2003.

- Optimum time of last irrigation for cotton cultivars FH-634 and CIM-443. *Asian J. of Plant Sci.*, 2(4): 365-367.
449. Maqsood, M., A. Ali, Z. Aslam, M. Saeed and S. Ahmad. 2002. Effect of irrigation and nitrogen levels on grain yield and quality of wheat (*Triticum aestivum*). *Int. J. Agric. Biol.* 4(1): 164-165.
450. Akram, H. M., M. S. Iqbal, M. A. Nadeem, A. Ali, M. Saeed, A. Yar, and K. A. Sahi. 2004. Feasibility of relay cropping berseem with autumn planted sunflower. *Int. J. Agric. Biol.* 6(2): 281-283.
451. Ali, A., H. M Akram, M. S. Iqbal, M. A. Nadeem, M. Saeed, and K. A. Sahi. 2004. Agro-economic relationship of component crops in a Mash Sesamum Intercropping system. *Pakistan J. biological Sci.* 7(1): 69-72.
452. Akram, H. M., M. S. Iqbal, M. Saeed, A. Yar, A. Ali, M. Saeed, K. A. Sahi and M. A. Nadeem. 2004. Drought tolerance studies of wheat genotypes. *Pakistan J. biological Sci.* 7(1): 90-92.
453. Saeed, M., H. M. Akram, M. S. Iqbal, A. Yar and A. Ali. 2004. Impact of fertilizer on seed yield of chick pea genotypes. *Int. J. Agric. Biol.* 6(1): 108-109.
454. Kaleem, S., M. Ansar, M. Saeed, M. A. Malik, M. A. K. Tareen. 2006. Performance of some grass killers against *Avena fatua* and their effect on yield and yield components of wheat in Southern Punjab. *Pak. J. Weed Sci. Res.* 12(4): 243-248.
455. Saeed, M, A. Khaliq, Z. A. Cheema and A. M. Ranjha. 2010. Effect of nitrogen levels and weed-crop competition durations on yield and yield components of maize. *Journal of Agri. Res.* 48(4): 471-481.
456. Li. C. J., M. An, M. Saeed, L. Li and J. Pratley. 2011. Effect of wheat crop density on growth of rye grass. *Allelopathy Journal.* 27(1): 43-54.
457. Saeed, M, S. Bashir and Muhammad Rizwan Khurshid. 2011. Studies on the rationing potential of different sugarcane varieties harvested on different dates. *Proceedings of International conference on balancing sugar and energy production in developing countries, sustainable technologies and marketing strategies.* New Delhi, India. pp: 220-223.
458. Ahmed, M.F., M. Iqbal, M. Shahid Masood, M. A. Rabbani and M. Munir. 2010. Assessment of genetic diversity among Pakistani wheat (*Triticum aestivum* L.) advanced breeding lines using RAPD and SDS-PAGE. *Electronic J. Biotechnology* ISSN: 0717-3458. Pontificia Univ. Catolica de

Valparaiso-Chile.

459. Zamir-ul-Islam, R., J. Iqbal, A. Ali., and M. S. Iqbal. 1996. Effect of chemical weed control in sunflower (*Helianthus annuus* L.) J. Agric. Res. 1996, 34 (1).
460. Rafiq, M., A.A. Chattha, M.R. Mian, M.S. Anwar, Z. Muhmood and J. Iqbal, 2006. Ratooning potential of different sugarcane genotypes under Faisalabad conditions. J. Agri. Res. 44 (4): 269-275.
461. Iqbal, J., M. A. Malik, B. Hussain and M. A. Munir. 2007. Performance of Autumn planted Sunflower (*Helianthus annuus* L) Hybrids under Different planting patterns. Pak. J. Agri. Sci., Vol. 44 (4), 2007.
462. Dr. M. Afzal, Dr. A.A. Chattha, Dr. J. Iqbal & M. Bilal. 2007. Nutrients Deficiency Symptoms in Sugarcane. Proc. 42nd Ann. Conv. Pak. Soc. Sugar Tech. held at Lahore.
463. Dr. S. Bashir, Dr. A. A. Chattha, Dr. M. Afzal , Dr. J. Iqbal & M. Zafarullah Khan. 2007. 2007. Studies of the Ratooning ability of different sugarcane varieties of different harvesting dates. Proc. 42nd Ann. Conv. Pak. Soc. Sugar Tech. held at Lahore.
464. Munir. M. A. M. A. Sarwar, Dr. J. Iqbal, F. Hussain & A. A. Chattha. 2008. Effect of Spacing on yield and quality of autumn sown Sugarcane intercropped with sugarbeet. Pak. Sugar Journal July-Sept. 2008.
465. Iqbal, J. A.A. Chattha, S. Bashir, M. Bilal and M. Shahzad. 2008. Yield Potential of different autumn planted promising sugarcane clones/ varieties under Faisalabad conditions. Submitted for presentation in 43th Pak. Sec. Sugar Tech. Conv. held at Karachi.
466. Iqbal, J. B. Hussain, M. Frrukh, M.A. Munir and M. Aslam. 2008. Bioeconomices of autumn planted sunflower under varying Agromanagement practices. Pak. J. Agri. Sci., Vol. 45 (3), 2008.
467. Iqbal, J.2008. Yield potential of different autumn planted promising sugarcane clones/ varieties under agro Ecological Conditions of Faisalabad. Proc. 45th Ann. Conv. Pak. Soc. Sugar tech. held at Lahore.
468. Sattar, A., M. Saleem, M. Akbar and A. Rauf. 1994. Potentialities of maize inbred lines and their crosses for grain yield and yield components. Gomal Univ. J. Res. (A) 14 (2): 89-95, 1994 (Printed in Dec. 1996).

469. Khan, M. A., J. Anwar, A. Sattar and M. A. Akhtar. 2001. Effect of seed rate on wheat yield under different sowing dates and row spacings. J. Agric. Res. 39 (3-4): 223-230.
470. Rafiq, M., A. A. Chattha, A. Sattar, Z. Mahmud and M. A. Nadeem. 2007. Comparative performance of autumn planted sugarcane promising clones under Faisalabad conditions. Pak. Sugar Journal. Jan-Feb., 2007: 50-55.
471. Saeed, M., A. Sattar, M. Ahmad and M. A. Mudassir. 2010. Individual and interactive effects of different nitrogen levels and plant densities on growth attributes of hybrid maize (*Zea mays* L.). Abstracts of papers, 13th conference of Soil Science. 24-27 March. Serena Hotel, Faisalabad, Pakistan.
472. Musa, M., M. R. Gondal, S.M.Ahmad, F. Ahmad and M. Atta. 1993. Effect of seed size on green fodder and dry matter yields of Oat (*Avena sativa*) cultivars. JAR Vol. 31 No. 1, March-1993.
473. Musa, M., M. R. Gondal, A. Ali, F. Ahmad and M. Atta. 1993. Performance of high fodder yielding cultivars of Oat (*Avena Sativa-L*). JAR Vol. 31 No. 2, March-1993.
474. Malik, K.B., F. Ahmad and M.A.Bajwa. 1997. CP 77-400 – A promising early maturing and high sugar yielding cane varieties. Published in XXXI proceeding of PSST.
475. Ahmad, F., M.A.Bajwa, M. A. Grawal, Z. Ali and M. Zafar. 2003. Quantitative and qualitative performance of early maturing promising cultivars of sugarcane. Vol-XVIII Number-01, Jan-Feb, PSJ.
476. Ahmad, F., M. A. Bajwa and S. Bashir. 2003. Performance of various sugarcane varieties under Faisalabad conditions. Vol-XVIII Number – 05, PSJ.
477. Zafar M., M. Umer, A. A. Chattha, M. A. Grawal and F. Ahmed. 2003. Comparative colonel studies at initial nursery selection stage of sugarcane breeding. Pak. Sugar J. XVIII (5): 20-24.
478. Zafar, M., M. Umer, A. A. Chattha., M. A. Grawal and F. Ahmed. 2003. Comparative

performance of elite sugarcane clones at advance nursery stage for growth quality and disease response. Pak. Sugar J. XVIII (1): 8-12.

479. Chattha, A.A., M. A. Grawal, M. Zafar and F. Ahmad. 2003. Feasibility of sugarcane – sugar beet inter-cropping system in central Punjab. Pak. Sugar J. XVIII (6): 65-67.

480. Chattha, A. A., F. Ahmad, M. A. Grawal and G. M. Wains. 2003. HSF-242 (S95-HS-185)-An early maturing, high yielding and good ratooning sugarcane variety. Pak. Sugar J. XVIII (6): 107-110.

481. Afzal, M., A.A. Chattha, F. Ahmad, G. Mustafa and M. B. Chattha, 2004. A medium maturing cane Variety-SPF- 245 for Punjab province. Paper presented in 5th Workshop on R & D activities on sugar crops in Pakistan at Shakarganj Sugar Res. Instt., Jhang, Pakistan. Pak. Sugar J. XIX (6): 22-24.

482. Afzal, M., A. A. Chattha, F. Ahmad and M. Umer. 2005. Economical sugarcane cultivation for sustainable sugar production. Proc. 40th Ann. Conv. Pak. Soc. Sugar Tech. held at Karachi: 179-188.

483. Rafiq, M., A. A. Chattha, G. M. Wains, F. Ahmad, A. Jabbar and S.Bashir. 2006. Yield potential of autumn planted sugarcane varieties/promising clones under Faisalabad conditions. Proc. 41st Ann. Conv. Pak. Soc. Sugar Tech. held at Rawalpindi: 131-138.

484. Chattha, A.A., M. Afzal, M. Rafiq, F. Ahmad and M. Bilal. 2006. Prospects of sugar industry & sugarcane cultivation in punjab. Abst. 41st Ann. Conv. Pak. Soc. Sugar Tech. held at Rawalpindi: 173-181.

485. Chattha, A. A., G. M. Wains, F. Ahmad, M. Bilal and M. Umer. 2007. Vertical improvement in cane and sugar yields. Paper presented in 42nd Annual Convention of

Pakistan Society of Sugar Technologist at Lahore at Lahore. Abst: 2.

486. Khalid F., A.H. Ahmad and N. Fiaz. 2012. SRI: Colossal Hope for Threatening Paddy Demand. Rice Plus, pp. 9.
487. Ahmad A.H., A. Wahid, F. Khalid, N. Fiaz and M.S.I. Zamir. 2011. Impact of organic and inorganic sources of nitrogen and phosphorus fertilizers on Growth, yield and quality of forage oat (*Avena sativa* L.) Vol. XLIV, 3. pp.147.
488. Fiaz N., S. Bashir, M.Afzal and A. Ghaffar.2011. Effect of harvesting dates on yield and quality of different sugarcane varieties in ratoon crop. Balancing Sugar and Energy Production in Developing Countries: Sustainable Technologies and Marketing Strategies, New Delhi, India, Proceeding. pp. 123-126.
489. Tahir M., A. Tanveer, T.H. Shah, N. Fiaz and Allah Wasaya. 2009. Yield response of wheat (*Triticum aestivum* L.) to boron Application at different growth stages. Pak. j. life soc. sci. 7(1): pp. 39-42.
490. Tahir, M. N. Fiaz, M.A. Nadeem, F. Khalid and M. Ali. 2009. Effect of different chelated zinc sources on the growth and yield of maize (*Zea mays* L.) Soil & Environ. 28(2): pp. 179-183.
491. Fiaz N., M.Afzal, A. Ghaffar, M. A. Mudassir and M. A. Sarwar. 2011. Dextran-Prospectus and challenges in Pakistan. 45th Ann. Conv. PSST, Lahore. pp. 15.
492. G. Shabbir, N. H. Ahmed, Z.Akram and, Muhammad Ijaz Tabassum (2011). Genetic behavior and analysis of some yield traits in wheat genotypes. JAR 49(1).
493. Muhammad Ijaz Tabassum, M. Saleem, Muhammad Akbar, M. Yasin Ashraf and Naeem Mahmood (2007). Combining ability studies in maize under normal and water stress conditions. J. Agric. Res., 45(4):261-268.
494. Muhammad Ijaz Tabassum, M. Saleem, Asif Ali and Muhammad Asghar Malik (2005). Genetic mechanism of leaf characteristics and grain yield in maize under normal and moisture stress conditions. Biotechnology 4(4):243-254.
495. Muhammad Ijaz Tabassum and M. Saleem (2005). Genetic trend of maize (*Zea mays* L.) under normal and water stress conditions. PJBS,8(4):571-580.
496. M.A.Khan, M.A.Gill and Muhammad Ijaz Tabassum (2005). Enhanced input use to revive late planted wheat crop yield. JAR, 43 (2):40-44.

497. A. Rahman, M.H. Choudhry, S. Hussain and Muhammad Ijaz Tabassum (1997). Stability of yield and some other characters in barley (*Hordeum vulgare* L.). *Sci. Int.* (Lahore). 9(2).
498. Muhammad Ijaz Tabassum and Muhammad Saleem (1993). Study of gene action for economic characters in *Zea mays* L. *Pak. J. Agric.Sci.* vol.30. No.2.
499. A.Rahman, Muhammad Ijaz Tabassum and M.A. Zafar (1993). Effect of defoliation on yield and some other characters of maize single cross. *Journal Animal and Plant Sciences* (1-2).
500. Muhammad Ijaz Tabassum, Muhammad Afzal and Muhammad Shafiq (2012). Outfield testing of promising sugarcane varieties of sugarcane research institute, Faisalabad and shakarganj sugar research institute, Jhang (paper presented at 46th PSST, Karachi, Sep2-5,2012).
501. N. Ahmad, Rahman, A., Khan, M.A., Malokra, A.Q., Muhammad Ijaz Tabassum (2006). Evaluation of bread wheat germplasm for drought stress tolerance. *International wheat seminar*, February 20-21,2006.
502. A Rahman, M. Hussain, F. Muhammad, N. Ahmad, M.A. Khan,W. Sabir, Muhammad Ijaz Tabassum, M.M.Iqbal (2009). Wheat breeding for durable rust resistance in Pakistan. Presented at Technical Workshop on Borlaug Global Rust Initiative (BGRI), Cd. Obregon, Sonora, Mexico, March 17-20.
503. Chattha, M. B., M. Maqsood, A. A. Chattha and M. A. Mudassir. 2010. Effect of earthing up and fertilizer levels on growth and yield of spring planted sugarcane (*Saccharum officinarum* L.). *J. Agric. Res.*, 48(3):327-334.
504. Mudassir, M. A., A. Ghaffar, M. Afzal, G. M. Wains and N. Fiaz. 2011. " Effect of number of buds in a sett on cane and sugar yield of sugarcane clones/ commercial varieties". Abstracts of paper, 45th Annual Conv. PSST, 12-13th September, Lahore: 30.
505. Nasim, W., A. Ahmad, A. Wajid, S. Ahmad, T. Khaliq, S. R. Sultana, M. M. Maqbool, M. A. Mudassir, M. F. H. Munis, H. J. Chaudhary, H. M. Hammad, M. Sajjad, M. Mubeen and T. Abbas. 2012. Wheat productivity in arid and semi arid environment of Pakistan using crop simulation model. *Int. P. J. Sc. Tech.* 2(1), Poster No. 05, Pages No. 28-35.
506. Ahmad, R., M. Shabbir, N. Akhtar, G. M. Wains. 1996. Effect of fertilizer application on the yield of autumn sown sunflower. *JAR* 34(11-5): 233-236.

507. Bukhari, A. 1996. Quality of seeds in brassica carinata, peeals raya and brown raya. J.Aгри. Res.34.
508. Bukhari, A.1996. Effect of nitrogen fertilizer on iol contents of sunflower. J.Aгри. Res. 35.
509. Bukhari, A.2008. Varietal yield response of brassica varieties/ strains in relation to mustars aphid. Pak. Entomologist.
510. Bukhari, A. 2008. Value addition, export potential and quality assurance of grapes fruit. National conference on promotion of grapes cultivation in Pak.
511. Bukhari, A. 2008 Post harvest handling of grapes. National conference on promotion of grapes cultivation in Pak.
512. Bukhari, A. 2008 Post harvest management and technology of dates. National conference on promotion of grapes cultivation in Pak.
513. Bukhari, A2001. Development of functional and dietetic beverage from bitter ground. Int. J. of Food Safety. 13:355-360.
514. Bukhari, A.2008. Value addition of banana, export potential and quality assurance. Proc. Of Annual Conference on Streamlining Production and Export of Banana. Horticultural Foundation of Pakistan, Islamabad, from 8th-10th April.
515. Bukhari, A.2008. Medicinal value and neutral-ceutical impact of bananafruit. Proc. Of Annual Conference on Streamlining Production and Export of Banana. Horticultural Foundation of Pakistan, Islamabad, from 8th -10th April.
516. Bukhari, A.2012. Standardization and Evaluation of an imitation Cole Beverage. J. National Sci. Foundation Sri. Lanka.
517. Ahmad,M.S.,G.Muhammad,Aslam,M. and K.B.Malik. 1993. Effect of different levels and application time of Potash fertilizer on the growth and yield of sugarcane. Pak.Sug.J.,8(4): 3-6
518. Aslam,M.,G.Muhammad and K.B.Malik. 1994.Economic feasibility of intercropping mung and maize under different inter row strips of Sugarcane. Proc.Pak. Soci.Sug.Tech.,29th Ann.Conv;23-25 Aug.,PP.128-34.
519. Malik,K.B.,G.Muhammad,M.Aslam and M.Saeed.1995.BF.129:A promising cane variety for Bahawalpur region.Pro.Pak.Soci.Sug.Tech.,30th Ann.Conv;30-31 Aug.,PP.98-107.
520. Aslam,M.,G.Muhammad,M.A.Javed and K.B.Malik.1997.Agro-Economic studies on

intercropping mung and soybean in Sugarcane with varying sowing dates.J.Aгри.Res.,35(6):373-78.

521. Aslam,M.,M.A.Javed and K.B.Malik.1998.Economic feasibility of intercropping Raya and Sunflower at different plant densities in autumn planted Sugarcane.Pak.Sug.J.,13(2):15-19.
522. Aslam,M.,M.A.Javed and K.B.Malik.1998.Coparative performance of a promising cane variety SPF.234 in southern Punjab.Pak.Sug.J.,13(2):5-10.
523. Aslam,M.,M.A.Javed and A.A.Chattha.1998.Prospects of intercropping Soybean in Sugarcane at reduced densities.J.Aгри.Res.,36(4):334-41.
524. Aslam,M.,M.A.Javed and A.A.Chattha.1998.Green fertilization in Sugarcane with intercrops.J.Aгри.Res.,37(1):45-51.
525. Aslam,M.,M.A.Javed and A.A.Chattha.1999. Effect of Muriate and Sulphate of Potash on Sugarcane Production.J.Aгри.Res.,37(4):243-48.
526. Aslam,M.,M.A.Javed and A.A.Chattha.2000.Performance of different legumes as green manuring crops in spring planted Sugarcane.J.Aгри.Res.,38(1):13-18.
527. Aslam,M.,M.A.Javed and A.A.Chattha.2000.Efficiency of weedicides for weeds control in Sugarcane.J.Aгри.Res.,38(2):171-76.
528. Aslam,M.,M.A.Javed and A.A.Chattha.2000.Genotypic response of Sugarcane to different levels of planting density.Pro.Pak.Soci.Sug.Tech.,35th con;28-29 Aug.,PP.164-69.
529. Aslam,M.,M.A.Javed and A.A.Chattha.2001.Effect of seed staling on the germination and yield of Sugarcane.Pro.Pak.Soci.Sug.Tech.,36th conv.27-28 Aug. PP.78-82.
530. Aslam,M.,M.A.Javed and A.A.Chattha.2001.Presown Sugarcane varietal response to different seed rates. Pak.Sugar J.,16(6):115-18.
531. Aslam,M.,M.A.Javed and A.A.Chattha.2003.Genotypic response of Sugarcane to delaying first irrigation after sowing.Proc.Pak.Soci.Sug.Tech.38th conv.25-26th Aug: PP.46-52.
532. Aslam,M.,J.Iqbal and A.A.Chattha.2003.Effect of organic mulches on the growth and yield of autumn planted Sugarcane. Pak. Sugar J.,18(6):111-14.
533. Aslam,M.,Z.Ali and A.A.Chattha.2004.Effect of soil applied micronutrients on the

- growth and yield of Sugarcane.Pak.Sug.J.,19(6):32-34.
534. Aslam.M.and A.A.Chattha.2005.Contribution of Potash in increasing Sugarcane productivity. Pak.Sug.J.,20(1):6-8.
535. Aslam.M., Z.Ali and A.A.Chattha.2006. Effect of dry hoeing and delaying first irrigation on weed biomass and yield of autumn planted Sugarcane. Pak.Sug.J., 21(2):8-11.
536. Aslam,M.,Z.Ali and A.A.Chattha.2006.Management strategies for controlling lodging in presown Sugarcane.Pak.Sug.J.,21(04):2-6.
537. Aslam,M.,A.Hameed,A.A.Chattha,M.Bilal and M.Umer.2007. Role of dry hoeing and first irrigation in determining weed biomass and yield of presown Sugarcane for two successive years. Pak.Sugar J.,22(1):91-95.
538. Aslam,M.,A.Hameed, and A.A.Chattha.2008. Effect of sowing depth and earthing up on lodging in presown sugarcane. Pak. Sugar J.,23(1): 16-18.
539. Naseem,M.M.Asalam,M.Ansar and M.Azhar.2009. Allelopathic effects of Sunflower water extract on weed control and Wheat productivity. Pak. J. Weed Sci.Res.15(1):107-
540. Naseem,M.,M.R.Gondal,M.Asalam and S.A.Bazmi.2009. Effect of various weedicides on weed control in grain Sorghum.Abstt.Int.Conf.on Sustainable food grain production challenges and opportunities. Pak.Soci.Agronomy,Uni. of Agri.,Faisalabad.26-27th Oct.PP.64.
541. Aslam,M.2009.Improvement in Sugarcane ratoon through stubble shaving and interculture.Proc.Pak.Soci.Sug.Tech.44th Ann Conv.17-18 Aug.PP.66-68.
542. Aslam,M and M.B.Bakhsh.2010. Economic potential of intercropping raya in autumn planted sugarcane. Pak.Sug.J.,25(02):12-16.
543. Aslam,M.,M.Naseem and S.Afghan.2010.Efficiency of different weedicides to control weeds in Sugarcane.Pak.Sug.J.,25(04):2-5.

544. Aslam, M.M., Tauseef, A.R., Zahid and M.J. Anwar. 2011. Ratoon Performance of Sugarcane varieties under southern Punjab conditions. Pak. Sug. J., 26(04): 21-24.
545. Naseem, M., M.R. Gondal, M. Aslam and M. Tauseef. 2011. Effective weed control pearl millet. Abstt. Int. Conf. on prospects and challenges to sustainable Agriculture. 14-16 July, Faculty of Agri., Rawalakot. The Uni. of AJ&K. PP. 77.
546. Aslam, M. and M. Naseem. 2012. Chemical cum cultural control of Sugarcane lodging. Proc. National Seminar on role of Agronomy in national food security. 7th Jan. Ayub Agri. Res. Inst., Faisalabad.
547. Naseem, M., M. Aslam, M.R. Gondal and S.A. Bazmi. 2012. Impact of various weedicides on weed control in grain sorghum. Proc. National Seminar on role of Agronomy in national food security. 7th Jan. Ayub Agri. Res. Inst., Faisalabad.
548. Ahmad, S., A. R. Zahid & N. Ahmad. 1991. Induction of drought resistance in sorghum (*Sorghum vulgare*) by different chemical seed treatments J. Agri. Research 29 (2).
549. Atta, M., A. R. Zahid, K. B. Malik and M. A. Bajwa. 1991. Quantitative and qualitative performance of early maturing sugarcane varieties. Pak. Sugarcane Journal 5 (4): 6-11.
550. Malik, K. B., F. G. Ali and A. R. Zahid. 1992. Effect of different irrigation regimes on yield of some sugarcane varieties. Pak. J. Soil Soil Sci. 7 (1-2): 7-10.
551. Malik, K. B., A. R. Zahid and S. Bashir. 1993. Performance of some regional cane varieties under Faisalabad condition. Pak. Sugar Journal 7 (1): 3-10.
552. Akhtar, M. M. Naseem, H. M. Nasrullah and A. R. Zahid. 2012. Effect of late planting on emergence tillering and yield of various varieties of wheat. Accepted in journal of animal and plant sciences. Next issue 2012.
554. Khalid F., N. Fiaz and M. A. Sarwar. 2013. Zinc Acquisition, its Role and Deficiency Concerns in Rice Nutrition. Rice Plus Magazine. 5(9), 8-9.
555. Fiaz N., F. Khalid and M. A. Sarwar. 2013. Whiff of Pearls. Rice Plus Magazine. 5(8), 12.
553. Khalid F., M. Tahir, N. Fiaz, M. A. Nadeem and S. M.W. Gillani. 2013. Hybrid maize response to assorted chelated and non chelated foliar applied zinc rates. J. Agri. Tech. 9(2): 227-241.

556. Bashir S., M. Hassan, N. Fiaz, Z. Khan and Z. Ali. 2013. Ratooning potential of different promising sugarcane genotypes at varying harvesting dates. ARPN J.Agr. & Bio. Sci. 8 (5). pp:437-440.
557. Ghaffar A., M. F. Saleem, N. Fiaz, M. As. Nadeem and G. M. Wains. 2013. Yield and quality of sugarcane as influenced by different doses of potash and its time of application. Pak. J. Agri. Sci. 50(3), 345-350.
558. Ghaffar, A., M.A. Mudassir, M.A. Sarwar, N. Fiaz and B.H. Babar. 2013. Physiological traits and nutrient use efficiencies in sugarcane at varied k₂o level and time of its application. Crop Environ., 4: 28-34.
559. Fiaz N., A. Ghaffar, G.M. Wains, M. A. Sarwar, M. Hassan, M. A. Mudassir and Z. Ali. 2013. Performance of promising sugarcane clones under different irrigation regimes. Prospects and Opportunities for Agricultural Development in Pakistan Khanispur, Ayubia, Pakistan June 25-27, 2013. pp. 42.

Books:

An Urdu book

کماذ: جدید اقسام اور پیداواری ٹیکنالوجی