

CURRICULUM VITAE

Personal Information				
Name	Zahoor	Gender	Male	
Position Title	Agronomist			
Working Department	Agronomy			
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Address	Village Koz Kalay P/O Madyan District Swat, KPK 19020, Pakistan			
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Research Interest				
➤ Yield potential and high yielding cultivation of irrigated rice and wheat ➤ Plant cell wall, cell morphology, plant development, mechanical strength and stress resistance. ➤ Biomass production and biofuel application; Bioenergy crop. ➤ Yield potential of rice crop ➤ Photosynthesis, plant water relations, and water use efficiency ➤ Nutrient use efficiency and fertilizer management ➤ Crop and natural resources management ➤ Climate change and rice production ➤ Photosynthesis in rice and wheat ➤ Nutrient utilization efficiency and nutrients management ➤ Modern farming system				
Professional Memberships				
➤ Member of department of agronomy the agriculture university Peshawar ➤ Member of the biomass and bioenergy center, Huazhong Agricultural University wuhan, Hubei, PR. China				
Education				
2012-2017 Ph.D., Crop Science (Biochemistry and Agronomy), College of Plant Science and Technology, Huazhong Agricultural University, Wuhan, P.R. China. 2009-2011 MSc (Hons) Agriculture (Agronomy), Department of Agronomy, The university of Agricultural Peshawar, KPK, Pakistan 2005-2008 BSc (Hons) Agriculture (Agronomy), Department of Agronomy,				

The university of Agricultural Peshawar, KPK, Pakistan

Working Experience

Agriculture Interne, Agricultural Extension Department Madyan 2008-2009

Agricultural Officer, IDEAS, Swat Pakistan 2009-2010

Field Officer livelihood, Church World Service (CWS), 2011-2012

Publications

1. **Zahoor**, Sun, D., Li, Y., Wang, J., Tu, Y., Wang, Y., Hu, Z., Zhou, S., Wang, L., Xie, G., Huang, J., Alam, A., Peng, L. Biomass saccharification is largely enhanced by altering wall polymer features and reducing silicon accumulation in rice cultivars harvested from nitrogen fertilizer supply. **Bioresour Technol**, **2017a**, 243, 957–965. doi:10.1016/j.biortech.2017.07.057
2. **Zahoor**, Tu, Y., Wang, L., Xia, T., Sun, D., Zhou, S., Wang, Y., Li, Y., Zhang, H., Zhang, T., Madadi, M., Peng, L. Mild chemical pretreatments are sufficient for complete saccharification of steam exploded residues and high ethanol production in desirable wheat accessions. **Bioresour Technol**, **2017b**, 243, 319–326. doi:10.1016/j.biortech.2017.06.111
3. **Zahoor**, et al. **Role of nitrogen fertilizer in crop productivity and environmental pollution. International journal of agriculture and forestry** 2014, 4(3): 201-206.
4. **Zahoor** et al. Influence of integrated use of chemical and organic fertilizers on yield and yield components of wheat. Intl J Agri Crop Sci. Vol., 7 (1), 21-25, 2014.
5. **Zahoor** and Yuanyuan Tu. Pretreatments to Enhance the Digestibility of Wheat Straw. **Int. j. Renewable and Sustainable Energy**. **2014** (3)1, 26-34. doi: 10.11648/j.ijrse.20140301.15
6. Sun, D., Alam, A., Tu, Y., Zhou, S., Wang, Y., Xia, T., Huang, J., Li, Y., **Zahoor**, Wei, X., Hao, B., Peng, L. Steam-exploded biomass saccharification is predominately affected by lignocellulose porosity and largely enhanced by Tween-80 in Miscanthus. **Bioresour Technol** **2017**, 239, 74–81. doi:10.1016/j.biortech.2017.04.114
7. Zhiliang Wu, Huanhuan Hao, **Zahoor**, Yuanyuan Tu, Zheng Hu, Feng Wei, Yangyang Liu, Yuxia Zhou, Yanting Wang, Guosheng Xie, Chunbao Gao, Xiwen Cai, Liangcai Peng, Lingqiang Wang. **Diverse** cell wall composition and varied biomass digestibility in wheat straw for bioenergy feedstock. **Biomass and bioenergy** (2014) 1-9.

