


<b>Name</b>	<b>Dr. MUHAMMAD SAEED</b>	
<b>FATHER'S NAME</b>	Sher Gul	
<b>PERSONAL</b>	Date of birth: 10-02-1978 CNIC no: 17301-6612124-7 Passport no: Domicile: Peshawar, Khyber Pakhtunkhwa Religion: Islam Nationality: Pakistani Languages: English, Urdu, Pashto (R, W, L, S) E-mails: <a href="mailto:msaeedws@yahoo.com">msaeedws@yahoo.com</a> , <a href="mailto:msaeed@aup.edu.pk">msaeed@aup.edu.pk</a> Permanent Address: Street # 2, Sethi town # 2, Haji Camp, Peshawar-Khyber Pakhtunkhwa-Pakistan Mailing Address: Department of Weed Science, The University of Agriculture, Peshawar, 25130, Pakistan. Phone (Work): +92 91 9221032 or +92 91 9216542 Fax: +92 91 9216520 Cell: +923005947002	
<b>Experience</b>	<ol style="list-style-type: none"> <li>1. 28-04-2010 to date  <b>Assistant Professor</b>            The University of Agriculture Peshawar-Pakistan.</li> <li>2. November 1, 2009 to April 27, 2010  <b>Lecturer</b>            The University of Agriculture Peshawar-Pakistan</li> <li>3. June 2002 to June 2003  <b>Research Associate</b>            Management of parasitic weeds in onion, oilseeds and legume crops            Project sponsored by Higher Education Commission, Pakistan</li> <li>1. December 2003 to June 2005  <b>Research Associate</b>            Biology, ecology and physiology of wild oat            Project sponsored by Pakistan Science Foundation</li> </ol>	
<b>Honor and Awards</b>	<ol style="list-style-type: none"> <li>1. "Excel Crop Care young scientist award" US 400\$ Awarded by 21<sup>st</sup> Asian Pacific Weed Science Society, at 2-6 October 2007 in (Sri Lanka)</li> <li>2. First position in SSC board examination in whole School</li> <li>3. 3<sup>rd</sup> Position in the Weed Science Department in M.Sc. (Hons)</li> <li>4. 5th position all over Pakistan in the top 10 winners quota for agriculture in the contest on Sep 13, 2004 for the 200 <b>PhD</b> Merit Scholarship Scheme in Science and Technology (PhD)</li> </ol>	

	Sponsored by HEC). Approximate amount = 1.4 million rupees
<b>Memberships</b>	<ol style="list-style-type: none"> <li>1. Weed Science Society of Pakistan</li> <li>2. Pakistan Botanical Society</li> <li>3. Asia Pacific Weed Science Society</li> <li>4. Pakistan Society of Agronomy (Life member)</li> <li>5. Referee in Pakistan Journal of Weed Science Research</li> <li>6. Focal Person for Quality Enhancement Cell of Department</li> <li>7. Incharge Organizing field days for departmental research activities</li> <li>8. Member of Program Team for Preparing Self Assessment Report of Department of Weed Science Agricultural University Peshawar</li> <li>9. Member of Assessment Team for evaluation of Self Assessment Report of Department of Food Chemistry Agricultural University Peshawar</li> </ol>
<b>Service Activity</b>	<p>April 28, 2010 till date as Assistant Professor (TTS), Department of Weed Science, The University of Agriculture Peshawar-Pakistan. <i>The activities are teaching, research projects, articles publication, conferences, trainings, farmers' field visits etc.</i></p> <p>November 1, 2009 to April 27, 2010 as Lecturer, Department of Weed Science, The University of Agriculture Peshawar-Pakistan <i>The activities are teaching, research projects, articles publication, conferences, trainings, farmers' field visits etc.</i></p> <p>June 2002 to June 2003 (1 year) as Research Associate in ALP/ Pakistan Agricultural Research Council (PARC) Islamabad funded project on "Parasitic weeds management in rapeseed, onion and legume crops in NWFP". <i>The activities were conducting surveys for documenting the farmers' problems and their indigenous knowledge regarding the target crop in the target areas, then followed by conducting research experiments for remedies of the problems reported in the surveys.</i></p> <p>December 2003 to June 2005 (One and half year) as Research Associate in Higher Education Commission, Pakistan. funded project on "biology, Ecology and Physiology of wild oat". <i>The activities were conducting surveys for documenting the farmers' problems and their indigenous knowledge regarding the target crop in the target area. In light of the information gathered, conducting research experiments for remedies of the problems reported.</i></p>
<b>Reports Prepared</b>	<ol style="list-style-type: none"> <li>1. Self Assessment Report B.Sc (Hons) of Weed Science Department (2011).</li> <li>2. Self Assessment Report B.Sc (Hons) of Weed Science Department (2011).</li> <li>3. Annual Technical Report of HEC sponsored Project "An approach to non-chemical and eco-friendly weed management in maize" (2012).</li> </ol>
<b>ACADEMIC</b>	

<b>QUALIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. 2009 Ph.D. (Agriculture/Weed Science) The University of Agriculture Peshawar-Pakistan</li> <li>2. 2004 M.Sc. Hons. (Agriculture/Weed Science) The University of Agriculture Peshawar-Pakistan CGPA 3.90 / 4.00 (90.15%)</li> <li>3. 2002 B.Sc. Hons (Agriculture/Weed Science) The University of Agriculture Peshawar-Pakistan CGPA 3.44 / 4.00 (77.08%)</li> <li>4. 1997 F.Sc Pre-Medical Edwardes College Peshawar, Pakistan Marks 833 / 1100 (75.72%)</li> <li>5. 1995 Secondary School Certificate (Matriculation) Govt. Technical High School Gul Bahar Peshawar, Pakistan Marks 606 / 850 (71.29%)</li> </ol>																																
<b>Students Supervised</b>	<p><b><u>Major Supervisor</u></b></p> <table border="0"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Degree</th> <th style="text-align: left;">Year</th> <th style="text-align: left;">Department</th> </tr> </thead> <tbody> <tr> <td>Muhammad Ashfaq</td> <td>B.Sc (Hons)</td> <td>2010</td> <td>Weed Science</td> </tr> <tr> <td>Muhammad Haroon</td> <td>B.Sc (Hons)</td> <td>2011</td> <td>Weed Science</td> </tr> <tr> <td>Muhammad Haroon</td> <td>M.Sc (Hons)</td> <td>2012</td> <td>Weed Science</td> </tr> </tbody> </table> <p><b><u>Minor Supervisor</u></b></p> <table border="0"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Degree</th> <th style="text-align: left;">Year</th> <th style="text-align: left;">Department</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>M.Sc (Hons)</td> <td>2011</td> <td>Agric. Chemistry</td> </tr> <tr> <td>Muhammad Ashfaq</td> <td>M.Sc (Hons)</td> <td>2012</td> <td>Weed Science</td> </tr> <tr> <td>Ishfaq Ahmad</td> <td>M.Sc (Hons)</td> <td>2013</td> <td>Agric. Chemistry</td> </tr> </tbody> </table>	Name	Degree	Year	Department	Muhammad Ashfaq	B.Sc (Hons)	2010	Weed Science	Muhammad Haroon	B.Sc (Hons)	2011	Weed Science	Muhammad Haroon	M.Sc (Hons)	2012	Weed Science	Name	Degree	Year	Department	-----	M.Sc (Hons)	2011	Agric. Chemistry	Muhammad Ashfaq	M.Sc (Hons)	2012	Weed Science	Ishfaq Ahmad	M.Sc (Hons)	2013	Agric. Chemistry
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<b>Brief Statement of Research Interest</b>	<p>Keen interest in,</p> <ol style="list-style-type: none"> <li>1. Integrated Weed Management in various field crops, vegetables, fruit trees and recreational areas.</li> <li>2. Weed Management in Lawns</li> <li>3. Ecological studies of weeds for development of environment friendly weed management strategies.</li> <li>4. Studies on weed invasion in agriculture and forestry sectors</li> </ol>																																
<b>Publications</b>	<p><b>A. Publications in HEC Recognized Journals</b></p> <ol style="list-style-type: none"> <li>1. Gul Hassan, <b>Muhammad Saeed</b> and Horoon Khan. 2004. Dormancy studies in some major weed seeds of rice based cropping system of Pakistan. Pak. J. Weed Sci. Res. 10(3-4): 185-192.</li> <li>2. Khan Bahadar Marwat, <b>Muhammad Saeed</b>, Zahid Hussain and Bakhtiar Gu1 2005. Chemical Weed Management in Wheat in Rainfed Areas-I.Pak. J. Weed Sci. Res. 11(1-2): 31-36.</li> <li>3. Khan Bahadar Marwat, Bakhtiar Gul, <b>Muhammad Saeed</b></li> </ol>																																

	<p>and Zahid Hussain 2005. Efficacy of Different Herbicides for Controlling Weeds in Onion in Higher Altitudes Pak. J. Weed Sci. Res. 11(1-2): 61-68.</p> <ol style="list-style-type: none"> <li>4. Marwat, K.B., Z. Hussain, <b>M. Saeed</b>, B.Gul and Sahib Noor. 2005. Chemical weed management in wheat at higher altitudes-I. Pak. J. Weed Sci. Res. 11(3-4): 103-108.</li> <li>5. Khan Bahadar Marwat, <b>Muhammad Saeed</b>, Bakhtiar Gul, Zahid Hussain and Nayyar Iqbal Khan 2005. Efficacy of different pre and post-emergence herbicides for weed management in canola in higher altitudes Pak. J. Weed Sci. Res. 11(3-4): 165 –170.</li> <li>6. Marwat, K.B., Z. Hussain ,B.Gul and <b>M. Saeed</b>. 2005. Chemical weed management in wheat intercropped with sugarcane. Pak. J. Weed Sci. Res. 12(3): 145-150.</li> <li>7. Marwat, K.B., <b>M. Saeed</b>, B.Gul and Z. Hussain. 2006. Performance of different herbicides in wheat under rainfed conditions of Kohat, Pakistan. Pak. J. Weed Sci. Res. 12(3): 163-168.</li> <li>8. Marwat, K.B., Z. Hussain, B.Gul, <b>M. Saeed</b> and Siraj-ud-Din. 2006. Survey on weed problems in wheat crop in district Mardan. Pak. J. Weed Sci. Res. 12(4): 353-358.</li> <li>9. <b>M. Saeed</b>, Khan Bahadar Marwat and Ikramullah Khan. 2006. Weed management in dry land of Pakistan. Abstract book of International conference on dry land ecology and human security Dubai (UAE).</li> <li>10. Z. Hussain, Marwat, K.B., <b>M. Saeed</b>, B.Gul and M.R. Khalil. 2007. Survey on weed problems in wheat crop in district Chitral (A higher altitude area) of NWFP-Pakistan. Pak. J. Weed Sci. Res. 13(1-2): 121-127.</li> <li>11. Khan Bahadar Marwat , Z. Hussain, <b>M. Saeed</b>, B.Gul and Haroon-ur-Rashid. 2007. Study on different chemicals for weed management in two wheat varieties in Chitral. Pak. J. Weed Sci. Res. 13(3-4): 157-165.</li> <li>12. Khan Bahadar Marwat , <b>M. Saeed</b>, Z. Hussain, B.Gul and Haroon-ur-Rashid. 2008. Study on various herbicides for weed control in wheat under irrigated conditions. Pak. J. Weed Sci. Res. 14(1-2): 1-8.</li> <li>13. I.A. Amin, H. Rahman, N. Saeed, N.U. Khan, Durrishwar, I. Nawaz, F. Ali, M. Sajjad and <b>M. Saeed</b>. 2010. Combining ability in maize single cross hybrids for grain yield. A graphical analysis. Sarhad. J. Agric. 26(3): 373-379.</li> <li>14. M. J. Ahmad, M. Ahmad, T. Bashir, A. Yaqoob, M.S. Jillani and <b>M.Saeed</b>. 2010. Effect of plant spacing on vegetation and reproductive growth of gladiolus cultivars. Sarhad. J.</li> </ol>
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	<p>Agric. 26(4): 539-543.</p> <p>15. <b>Muhammad Saeed</b>, Khan Bahadar Marwat and Bakhtiar Gul. 2011. Occurrence of different weeds in canola: a survey of farmers in district swat-pakistan. Pak. J. Weed Sci. Res. 17(1): 25-31</p> <p><b>B. Publications in Impact factor Journals</b></p> <p>16. <b>M. Saeed</b>, K.B. Marwat, G. Hassan, M.A. Khan and I.A. Khan. 2010. Interference of horse purslane (<i>Trianthema portulacastrum</i> L.) with maize (<i>Zea mays</i> L.) at different densities. Pak. J. Bot., 42(1): 173-179. <b>(Impact factor 0.947)</b>.</p> <p>17. M. Arif, M.T. Jan, N.U Khan, H. Akbar, S.A Khan, M.J. Khan, A. Khan, I. Munir, <b>M. Saeed</b> and A. Iqbal. 2010. Impact of plant populations and nitrogen levels on maize. Pak. J. Bot., 42(6): 3907-3913. <b>(Impact factor 0.947)</b>.</p> <p>18. M. T. Jan, M.J. Khan, A. Khan, M. Arif, Farhatullah, D. Jan, <b>M. Saeed</b> and M. Z. Afridi. 2011. Improving wheat productivity through source and timing of nitrogen fertilization. Pak. J. Bot., 43(2): 905-914 <b>(Impact factor 0.947)</b>.</p> <p>19. M. Arif, M.T. Jan, M.J. Khan, <b>M. Saeed</b>, I. Munir, Ziauddin, H. Akbar, Shahenshah and M.Z. Khan. 2011. Effect of cropping system and residue management on maize. Pak. J. Bot., 43(2): 915-920 <b>(Impact factor 0.947)</b>.</p> <p>20. Bakhtiar Gul, Khan Bahadar Marwat, <b>Muhammad Saeed</b> and Zahid Hussain. 2011. Impact of tillage, plant population and mulches on weed management and grain yield of maize. Pak. J. Bot., 43(3): 1603-1606 <b>(Impact factor 0.947)</b>.</p> <p>21. <b>Muhammad Saeed</b>, Muhammad Ashfaq and Bakhtiar Gul. 2011. Effect of different allelochemicals on germination and growth of horse purslane. Pak. J. Bot., 43(4): 2113-2114 <b>(Impact factor 0.947)</b>.</p> <p>22. M.I. Khan, G. Hassan, I. Khan, <b>M. Saeed</b>, A.A. Khakwani, and K. Nawab. 2011. Factors influencing seed germination of wild onion and chickpea cultivars. Pak. J. Bot., 43(6): 2787-2792 <b>(Impact factor 0.947)</b>.</p> <p>23. Zahid Hussain, Khan Bahadar Marwat, Bakhtiar Gul, Muhammad Saeed and Shahida Bibi. 2012. Effect of common cocklebur density on biological yield of maize at varying populations. Pak. J. Bot., 44(5): 1627-1632 <b>(Impact factor 0.947)</b>.</p> <p>24. <b>M. Saeed</b>, K.B. Marwat, B. Gul and Z. Hussain. 2012. Effect of weed density on leaf area index and biological yield of maize. Pak. J. Bot., 46(6): 1939-1942. <b>(Impact factor 0.947)</b>.</p>
<p><b>Conferences attended</b></p>	<p><b>International Conferences, Seminars and Workshops attended</b></p> <p>1. International Conference on Dry Land Ecology and Human</p>

Security. 4-7 December, 2006 held in Dubai-UAE. **Amount of grant from HEC = Rs. 94,760**

2. Second international Weed Science Conference 20-22 March 2006 held University of Arid Agriculture Rawalpindi.
3. 21<sup>st</sup> Asian pacific weed science society conference 2-6 October 2007 held in Colombo-Sri Lanka. **Amount of grant from HEC = Rs. 1,02400**
4. 2nd International Conference on Chemical, Biological and Environmental Engineering. November 2-4, 2010, Cairo-Egypt. **Amount of grant from HEC = Rs. 1,50000**
5. International symposium on institutional linkages for agriculture development in Pakistan. December 20-21, 2010. The University of Agriculture Peshawar-Pakistan.
6. International workshop on Biosafety, Biosecurity and Bioethics, October 17-19, 2011. Comstech-Islamabad.
7. International Workshop on Dairy Science Park November 11-23, 2011. Faculty of Animal Husbandry and Veterinary Sciences, The University of Agriculture Peshawar-Pakistan.
8. International conference on climate change: A Challenge for Agriculturists, May 28-30, 2012. Khyber Pakhtunkhwa Agricultural University Peshawar-Pakistan.
9. 4<sup>th</sup> international weed science conference, September 06-08, 2012. Department of Weed Science, Khyber Pakhtunkhwa Agricultural University Peshawar-Pakistan.

#### **National Conferences, Seminars and Workshops attended**

10. 8<sup>th</sup> National Weed Science Conference 25-27 June, 2007 at Department of Weed Science, The University of Agriculture Peshawar-Pakistan.
11. Seven days Work Shop for in-service Teachers of Botany (Aug 9-14, 2005) at The University of Agriculture Peshawar-Pakistan.
12. Talented researchers exchange programme (Sustainable Research Networks Workshop) November 10-11, 2010. The University of Agriculture Peshawar-Pakistan.
13. National workshop on "Conservation and Sustainable Utilization of Medicinal Plants" October 4-5, 2011 NARC-Islamabad-Pakistan.
14. First workshop on "Irradiation as a phytosanitary treatment of herbal materials and products" November 29-30, 2011 NIFA-Tarnab, Peshawar-Pakistan.
15. Workshop on higher education quality assessment. December 13, 2010. The University of Agriculture Peshawar-Pakistan.
16. Workshop on Incorporating Technology in Education (ITE) July 02-13, 2012. Institute of Business and Management Sciences, Khyber Pakhtunkhwa Agricultural University Peshawar-Pakistan.
17. Cascading of AIT based training program on "ensuring

	training effectiveness” July 04-06, 2012. Khyber Pakhtunkhwa Agricultural University Peshawar-Pakistan.
<b>Books Published</b>	<p>1.  <b>Title:</b> Weed management in wheat  <b>Authors:</b> Muhammad Saeed and Khan Bahadar Marwat  <b>ISBN:</b> 978-3-639-29127-8  <b>Publishers:</b> VDM Verlag Germany 2010</p> <p>2.  <b>Title:</b> Interference of horse purslane with maize at different densities  <b>Authors:</b> Muhammad Saeed and Khan Bahadar Marwat  <b>ISBN:</b> 978-3-639-27308-3  <b>Publishers:</b> VDM Verlag Germany 2010</p>
<b>Research Projects</b>	<p>1.  <b>Title:</b> An approach to non-chemical and eco-friendly weed management in maize (<i>Zea mays</i> L.).  <b>Sponsored:</b> HEC.  <b>Principal Investigator:</b> Dr. Muhammad Saeed  <b>Co- Principal Investigator:</b> Dr. Bakhtiar Gul  <b>Amount = 3.0 million rupees</b>  <b>Duration:-</b> June, 2011-May,2014</p> <p>2.  <b>Title:</b> Integrated management of horse purslane (<i>Trianthema portulacastrum</i> L.) in maize grown for grain and foraged in irrigated and rainfed areas of Khyber Pakhtunkhwa.  <b>Sponsored:</b> HEC.  <b>Principal Investigator:</b> Dr. Muhammad Saeed  <b>Co- Principal Investigator:</b> Dr.  <b>Amount = 1.58 million rupees</b>  <b>Duration:-</b> January, 2012-December, 2014</p>
<b>Courses taught</b>	<ol style="list-style-type: none"> <li>1. WS-401: Introduction to Weed Science</li> <li>2. WS-601. Introduction to Applied Ethnobotany</li> <li>3. WS-705: Weed Management in Lawns</li> <li>4. WS-701: Herbicide Behavior in Plant and Soil</li> </ol>
<b>Courses Developed/Innovation</b>	N/A
<b>References</b>	<ul style="list-style-type: none"> <li>• Prof. Dr. Khan Bahadar Marwat  Vice Chancellor  The University of Agriculture Peshawar-Pakistan.  Phone-+92-91-9216518 Email:- kbmarwat@yahoo.com</li> <li>• Prof. Dr. Gul Hassan  Department of Weed Science,  The University of Agriculture Peshawar-Pakistan.  +92-91-9218206 Email:- hassanpk_2000pk@yahoo.com</li> </ul>