

Abdur Rashid, PhD

Research Scientist & Graduate Faculty Member
Entomology, Plant Pathology, and Weed Science
New Mexico State University, Las Cruces, NM
Office: Skeen Hall W312

Phone: 575-646-7215; Email: arashid@nmsu.edu
<https://eppws.nmsu.edu/faculty-staff/other-faculty.html>

Education

PhD	Biological Sciences	Univ. of Alberta, Edmonton, AB, Canada	2004 - 2010
PhD	Plant Physiology	Jozsef Attila Univ., Szeged, Hungary	1982 - 1984
MSc	Plant Breeding	Univ. of Chittagong, Chittagong, Bangladesh	1975 - 1977
BSc (Hons)	Botany	Univ. of Chittagong, Chittagong, Bangladesh	1972 - 1976

Experience

Res. Scientist & Graduate Faculty Member EPPWS, NMSU, Las Cruces, NM	2017-present
Research Geneticist (Plants) USDA-ARS NSG & PGR, Aberdeen, ID	2015 - 2017
Plant Molecular Biologist Dept. of Plant and Soil Sci., Univ. of Kentucky, Lexington, KY	2013 - 2014
Molecular Plant Biologist Crop Diversification Centre (North), Alberta Agriculture Edmonton, Alberta, Canada	2011 - 2012
Grad. Teaching Assistant (2 nd PhD research) Dept. of Biological Sci., Univ. of Alberta Edmonton, Alberta, Canada	2004 - 2010
Res. Scientist & project leader Alberta Research Council/Alberta Agriculture Alberta, Canada.	1994 - 2004
Postdoctoral Fellow/Research Associate Agric. Univ., Wageningen, Netherlands; Univ. of Quebec (Three Rivers & Montreal), Quebec, Canada; Univ. of Saskatchewan, Saskatoon, Sask., Canada; Florida State Univ. Tallahassee, Florida; Univ. of British Columbia, Vancouver, BC, Canada.	1985 - 1994
Lecturer/Assistant Professor Dept. of Botany, Univ. of Chittagong, Chittagong, Bangladesh	1979 – 1985
Scientific Officer Breeding Division, Bangladesh Rice Research Institute Gazipur, Dhaka, Bangladesh.	1978 – 1979

Publications

Review articles:

1. **Rashid A.**, Sanogo S., Lehnhoff EA, Beck L., Schutte BJ. (2025). Soil pH is an underappreciated influence on germination- and microbial-based methods for reducing weed seedbanks in croplands. *Weed Res.* 2025; 65:e70002.; 1 of 5.
<https://doi.org/10.1111/wre.70002>
2. **Rashid A.**, Schutte BJ., Ulery A., Deyholos MK., Sanogo S., Lehnhoff EA., Beck L. (2023). Heavy Metal Contamination in Agricultural Soil: Environmental Pollutants Affecting Crop Health. *Agronomy* 2023, 13, 1521.
<https://doi.org/10.3390/agronomy13061521>
3. **Rashid, A.** (2016). Defense responses of plant cell wall non-catalytic proteins against pathogens. *Physiol. Mol. Plant Pathol.* 94, 38-46.
<http://dx.doi.org/10.1016/j.pmpp.2016.03.009>

Book chapter:

4. Lehnhoff EA., Schutte BJ., **Rashid A.**, Sanogo S. (2024). *Descurainia sophia* (flixweed): a weed with many uses and ecological roles. Chapter 12. *In. Agroecology of Edible Weeds and Noncrop Plants. Ecology and Socioeconomic Potential of the Associated Plant Biodiversity.* Edited by Ebel R. & Menalled F. Acad. Press, Elsevier; Cambridge, MA, USA. ISBN: 978-0-443-16076-9. <https://www.elsevier.com/books-and-journals>

Book publication:

5. **Rashid A.**, (2012) Development of transgenic plants through application of reverse genetics. pp 232; ISBN-13: 978-3-8465-4625-3; LAP LAMBERT Academic Publishing GmbH & Co. KG; Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, Germany.
<https://my.lap-publishing.com/catalog/details/store/tr/book/978-3-8465-4625-3/developing-transgenic-plants>

AGRI-FACTS publication:

6. **Rashid A.**, Sharma P., Evans I. (2001). Plant bioassay techniques for detecting and identifying herbicide residues in soil. *Agri-Facts: Practical information for Alberta's Agriculture Industry.* Agdex # 609-1, Edmonton, Alberta, Canada.
<https://ucanr.edu/blogs/UCDWeedScience/blogfiles/8850.pdf>

Journal publications:

7. Schutte BJ., **Rashid A.**, Marquez I., Lehnhoff EA., Beck L., (2021). Seaside petunia (*Calibrachoa parviflora*) susceptibility to herbicides used in dry bulb onion. *Hort. Technol.* 31:679-687. <https://doi.org/10.21273/HORTTECH04898-21>
8. Schutte, BJ., **Rashid A.**, (2020). Colorimetric assay for detecting mechanical damage to weed seeds. *Weed Technol.* 34: 454-460. <https://doi.org/10.1017/wet.2019.125>
9. Gines, M., Baldwin, T., **Rashid A.**, Bregitzer, P., Maughan, P.J., Jellen, EN., Esvelt Klos, K. (2018). Selection of expression reference genes with demonstrated stability in barley among a diverse set of tissues and cultivars. *Crop Sci.* 58,332–341.
<https://doi.org/10.2135/cropsci2017.07.0443>
10. **Rashid A.**, Baldwin T., Gines M., Bregitzer P., Esvelt Klos K. (2017). A high-throughput RNA extraction for sprouted single-seed barley (*Hordeum vulgare* L.) rich in polysaccharides. *Plants*, 6, 1-6. <https://doi.org/10.3390/plants6010001>
11. **Rashid A.** (2017). Comparison of a kanamycin versus hygromycin resistance gene in transgenic plant selection of *Arabidopsis thaliana* L. *Adv. Cell Sci. Tissue Cult.* 1, 1-3
DOI:[10.35841/cell-science.1.1.1-2](https://doi.org/10.35841/cell-science.1.1.1-2)

12. **Rashid A.**, Deyholos MK (2015). Phylogenetic relationship and in silico expression profile of PELPK1 of *Arabidopsis thaliana* (L.) Heynh. Intern'l. J. Biosci. 6, 93-99. <http://dx.doi.org/10.12692/ijb/6.2.93-99>
13. **Rashid A.** (2014). Sub-cellular localization of PELPK1 in *Arabidopsis thaliana* as determined by translational fusion with green fluorescent protein reporter. Mol. Biol. 48, 258-262. <https://doi.org/10.1134/S0026893314020162>
14. **Rashid A.**, Hobson, N., Deyholos, MK. (2013). A genomic region upstream of *Arabidopsis thaliana* PELPK1 promotes transcription in aleurone tissues and in response to *Pseudomonas syringae* or *Pythium irregulare*. Plant Mol. Biol. Rep. 31, 1025-1030. <https://doi.org/10.1007/s11105-012-0553-0>
15. **Rashid, A.**, Badhan A., Deyholos MK., Kav N. (2013). Proteomic profiling of the aleurone layer of mature *Arabidopsis thaliana* seed. Plant Mol. Biol. Rep. 31, 464-469. <https://link.springer.com/article/10.1007/s11105-012-0498-3>
16. **Rashid A.**, Hwang S-F., Ahmed HU., Gossen BD. (2013). Effects of soil-borne *Rhizoctonia solani* on canola seedlings after application of glyphosate herbicide. Canadian J. Plant Sci. 93, 97-107. <https://cdnsiencepub.com/doi/10.4141/cjps2012-109>
17. **Rashid, A.**, Ahmed HU., Xiao Q., Hwang S-F., Strelkov SE. (2013). Effects of root exudates and pH on *Plasmodiophora brassicae* (Woronin) resting spore germination and infection of canola (*Brassica napus* L.) root-hairs. Crop Protection 48, 16-23. <https://doi.org/10.1016/j.cropro.2012.11.025>
18. Hwang S-F., Ahmed HU., Zhou Q., **Rashid A.**, Strelkov S., Gossen B., Peng G., Turnbull G. (2013). Effect of susceptible and resistant canola plants on *Plasmodiophora brassicae* resting spore populations in the soil. Plant Pathol. 62, 404-412. <https://doi.org/10.1111/j.1365-3059.2012.02636.x>
19. **Rashid, A.** and Deyholos, M.K. (2011). PELPK1 contains a unique pentapeptide repeat and is a positive regulator of germination in *Arabidopsis thaliana*. Plant Cell Rep. 30, 1735-1745. <https://doi.org/10.1007/s00299-011-1081-3>
20. **Rashid A.**, Furness N., Ellis BE., Upadhyaya MK. (2005). Inhibition of seed germination and seedling growth by hound's-tongue (*Cynoglossum officinale*) seed leachate. Weed Biol. & Mgmt. 5, 143-149. DOI: [10.1111/j.1445-6664.2005.00169.x](https://doi.org/10.1111/j.1445-6664.2005.00169.x)
21. **Rashid A.**, Newman JC., O'Donovan JT., Robinson D., Maurice D., Poisson D., Hall LM. (2003). Spiny annual sowthistle (*Sonchus asper*) resistance to acetolactate synthase (ALS) inhibiting herbicides in Alberta. Weed Res., 43, 214-220. <https://doi.org/10.1046/j.1365-3180.2003.00336.x>
22. Shah, S., **Rashid, A.**, Burd, G., Dixon, D. and B. Glick. (2002). Phyto-remediation of Arsenate contaminated soil by transgenic canola and plant growth promoting bacterium, *Enterobacter cloacae* CAL2. Plant Physiol. Biochem. 40, 355-361. DOI: [10.1016/S0981-9428\(02\)01375-X](https://doi.org/10.1016/S0981-9428(02)01375-X)
23. **Rashid A.**, O'Donova JT., Khan AA., Blackshaw RE., Harker, KN., Pharis RP. (1998). A possible involvement of gibberellin in the mechanism of wild oat resistance to triallate and cross-resistance to difenzoquat. Weed Res. 38, 461-466. <https://doi.org/10.1046/j.1365-3180.1998.00115.x>
24. **Rashid A.**, Johnson Bl., Khan AA., O'Donovanet JT. (1997) Effects of triallate and difenzoquat on fatty acid composition in young shoots of susceptible and resistant *Avena fatua* populations. Pestic. Biochem. Physiol. 57, 79-85. <https://doi.org/10.1006/pest.1997.2257>
25. **Rashid A.**, O'Donovan, JT., Khan AA., Sharma MP., Nguyen HV. (1997). Response of triallate-resistant and -susceptible wild oat populations to difenzoquat and EPTC in a seedling bioassay. Weed Technol. 11, 527-531. <https://www.jstor.org/stable/3988432>

26. O'Donovan JT., **Rashid** A., Nguyen HV., Newmann JC., Khan AA., Johnson CI., Blackshaw RE., Harker KN. (1996) A seedling bioassay for assessing the response of wild oat populations to triallate. *Weed Technol.* 10, 931-935.
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27. Eastman PAK., **Rashid** A., Camm EL. (1997). Changes of the photosystem II activity and thylakoid proteins in spruce seedlings during water stress. *Photosyn.* 34, 201-210.
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28. **Rashid** A., Popovic R. (1995). Electron donation to photosystem II by DPC is inhibited by both the endogenous Mn-complex and by exogenous Mn ions. *Biochem. Cell Biol.* 73, 241-245. <https://doi.org/10.1139/o95-029>
29. **Rashid** A., Camm EL. (1995). Activities and stability of native and Triton X-100-fractionated thylakoid membranes from white spruce and spinach. *Photosyn.* 31, 389-398.
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30. **Rashid** A., Camm EL., Ekramoddoullah AK. (1994) Molecular mechanism of action of Pb⁺⁺ and Zn⁺⁺ on water oxidizing complex of photosystem II. *FEBS Lett.* 350, 296-298.
[https://doi.org/10.1016/0014-5793\(94\)00789-6](https://doi.org/10.1016/0014-5793(94)00789-6)
31. Friesen L., Morrison IN., **Rashid** A., Devine MD. (1993) Response of a chlorsulfuron-resistant biotype of *Kochia scoparia* to sulfonylurea and alternative herbicide. *Weed Sci.*, 41, 100-106. DOI: <https://doi.org/10.1017/S0043174500057659>
32. Devine MD, **Rashid** A. (1993). Antagonism of tralkoxidim activity in wildoat (*Avena fatua* L.) by metsulfuron methyl. *Weed Res.* 33, 97-104. <https://doi.org/10.1111/J.1365-3180.1993.TB01922.X>.
33. **Rashid** A., Homann PH. (1992). Properties of iodide- activated photosynthetic water-oxidizing complexes. *Biochim. Biophys. Acta.* 1101, 303-310. [https://doi.org/10.1016/0005-2728\(92\)90086-H](https://doi.org/10.1016/0005-2728(92)90086-H)
34. **Rashid** A. Popovic R. (1992). Requirement of manganese for the photooxidation of hydroxylamine by photosystem II. *J. Photochem. Photobiol.* 13, 323-326.
[https://doi.org/10.1016/1011-1344\(92\)85072-3](https://doi.org/10.1016/1011-1344(92)85072-3)
35. **Rashid** A., Bernier M., Pazdernick L., Carpentier R. (1991) Interaction of zinc with the donor side of photosystem II. *Photosynth. Res.* 30, 123-130.
<https://doi.org/10.1007/BF00042010>
36. **Rashid** A., Carpentier R. (1991). Ca⁺⁺ stimulation of the inhibitory action of Carbonyl Cyanide p-Trifluoromethoxyphenylhydrazone (FCCP) in photosystem II. *Photosyn.* 25, 441-446. https://jglobal.jst.go.jp/en/detail?JGLOBAL_ID=200902093866821984
37. **Rashid** A., Popovic, R. (1990). Protective role of CaCl₂ against Pb⁺⁺ inhibition in photosystem II. *FEBS Lett.* 271, 181-184. [https://doi.org/10.1016/0014-5793\(90\)80401-4](https://doi.org/10.1016/0014-5793(90)80401-4)
38. **Rashid** A., Carpentier R. (1990). Atrazine inhibition of photosystem II is modulated by specific inorganic cofactors involved in oxygen evolution. *Curr. Res. Photosynth.* Baltscheffsky, M. ed., Vol. 1, 595-598, Kluwer Acad. Pub., Massachusetts, USA.
https://doi.org/10.1007/978-94-009-0511-5_137
39. **Rashid** A., Carpentier R. (1990). The 16 and 23 kDa extrinsic polypeptides and the associated Ca⁺⁺ and Cl⁻ modify atrazine interaction with photosystem II core complex. *Photosynth. Res.* 24, 221-227. <https://doi.org/10.1007/BF00032309>
40. **Rashid** A., Carpentier R. (1989). CaCl₂ inhibition of H₂O₂ electron donation to PS II in submembrane preparations depleted in extrinsic polypeptides. *FEBS Lett.* 258, 331-334.
[https://doi.org/10.1016/0014-5793\(89\)81686-2](https://doi.org/10.1016/0014-5793(89)81686-2)
41. **Rashid** A., van Rensen JJS. (1987). Uncoupling and photoinhibition in chloroplasts from a triazine-resistant and a susceptible *Chenopodium album* biotype. *Pestic. Biochem. Physiol.* 28, 325-332. [https://doi.org/10.1016/0048-3575\(87\)90127-1](https://doi.org/10.1016/0048-3575(87)90127-1)
42. **Rashid** A., Demeter S. (1986). Triazine resistance in *Erigeron canadensis* L. IV. Investigated by thermoluminescence measurements. *Ind. J. Plant Physiol.* 29, 335-344.

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43. **Rashid A.**, Demeter S. (1986). Triazine resistance in *Erigeron canadensis* L. II. Investigated by fluorescence induction transient analysis. *Bang. J. Bot.* 15, 207-210.
44. **Rashid, A.** and Demeter, S. (1985) Triazine resistance in *Erigeron canadensis* L. I. Investigated by oxygen evolution measurements. *Bang. J. Bot.* 14, 133-139.
45. **Rashid, A.** and Demeter, S. (1985) Triazine resistance in *Erigeron canadensis* L. III. Investigated by flash induced 515 nm absorbance change measurements. *Bang Nuc. Sci. Appl.* 16, 60-66.
46. **Rashid, A.** and Demeter, S. (1985) Differences in the oscillatory pattern of thermoluminescence in chloroplasts from a triazine-resistant and a -susceptible biotype of *Erigeron canadensis* L. *Chitt. Univ. Stud.* 9, 79-83.
47. **Rashid A.** Bhadra, S.K. (1982) Assessment of radiosensitivity of three varieties of *Solanum melongena* L. *Bang. Nuc. Sci. Appl.* 13, 61-66.
48. **Rashid A.** Bhadra, S.K. (1981) Effect of gamma radiation on agronomic characters of egg plant (*Solanum melongena* L.) *Chitt. Univ. Stud.* 5, 123-127.
49. **Rashid A.** Bhadra, S.K. (1981) Studies on the effect of gamma rays on yield and some ancillary characters of *Solanum melongena* L. *Bang. Nuc. Sci. Appl.* 11, 36-42.
50. **Rashid A.** Bhadra, S.K. (1980) M₁ morphological abnormalities and M₂ mutation studies in gamma ray treated population of *Solanum melongena* L. *Chitt. Univ. Stud.* 4, 27-32

Client reports:

Rashid, A., Davies, M., Barrett, M., Palli, R. (2013). "Keeping the Genie in the Bottle": placing transgenic agronomic traits under the control of 'gene switch technology' to facilitate phenotype containment. KTRDC Annual Report, Univ. of Kentucky, Lexington, Kentucky, USA.

Rashid, A., and O'Donovan, J.T. (2001). Defining Climatic factors that reduce crop tolerance and weed control with herbicides. AARI Final Report; Project # 98M218,

Rashid, A. (2001). Effects of cold temperatures on crop tolerance to the herbicides, sulfosulfuron and glyphosate. Final Report, Monsanto Canada Inc.

Rashid, A. (1996-2001). Herbicide damage diagnostic, and herbicide residue and resistance detection services. >100 reports provided to Producers, and Alberta Environmental Protection, Edmonton, Alberta, Canada.

Rashid, A. (2000). Development of a bioassay for Pursuit® (imazethapyr) residues in soil, and investigation of Pursuit® carryover injury to sensitive rotational crops. Report to Westco Fertilizers Ltd., Canada.

O'Donovan, J.T., Pharris, R.P., Zhang, R., **Rashid, A.**, and Harker, K.N. (1998). Role of plant hormone gibberellins in wild oat resistance to herbicides. AARI Final Report, Project # 97M164, Alberta, Canada

O'Donovan, J.T., Harker, K.N., Blackshaw, R.E., **Rashid, A.**, Sharma, M.P., Khan, AA., and Maurice, D. (1997). Investigation of herbicide resistant wild oat populations in Alberta. AARI Final Report. Project # 920037, Alberta, Canada.

Abstracts and presentations:

Rashid, A. (2017). A concept of containing herbicide-tolerant traits in crop plants by using a genetic switch. Seminar presentation at the Dept. of Entomology, Plant Pathology, and Weed Science, New Mexico State University, Las Cruces, NM; November 29, 2017.

Rashid, A. et al., (2017). Genetic improvement of barley through chemical mutagenesis and crossbreeding techniques. Presented at the USDA-ARS PWA, Aberdeen, Idaho; June 13th, 2017.

Rashid, A. et al., (2016). Fast high-quality single-seed RNA extraction from sprouted malting barley rich in polysaccharides Presented at the 12th International Barley Genetic Symposium, Minneapolis, MN; June 26-30, 2016; Abstract #155.

Rashid, A. (2014). Management of imidazolinone herbicide tolerance trait in crop plants: Application of an externally regulated genetic switch. Presented at the KTRDC, Univ. of Kentucky, Lexington, KY; February 12th, 2014.

Deyholos, M.K., **Rashid, A.** et al. (2013). The intrinsically disordered Pan-Proteome, and characterization of growth promoting IDPs. Abstract #78, ASPB meeting (Western Section) April 12-13, 2013; University of California, Davis.

Rashid, A. (2012). Constitutive expression of putative blackleg resistance genes of *Arabidopsis thaliana* in an elite canola cultivar for resistance against blackleg disease: A project proposal presented to the Dept. of Agriculture, Food and Nutritional Sciences, Univ. of Alberta/Alberta Agriculture, Edmonton, Alberta, Canada; November 30th 2012.

Rashid A. et al. (2011). Effect of a wide range of pH values on resting spore germination and clubroot (*Plasmodiophora brassicae*) severity on canola. Abstract # 8; presented at the 32nd Annual Meeting of the Plant Pathology Society of Alberta, Univ. of Alberta, Edmonton, AB, Canada. November 7-9, 2011.

Rashid, A. (2011). Bioinformatics and mutational analysis of PELPK1 in *Arabidopsis thaliana*. Presented at the Dale Bumpers National Rice Research Center, USDA-ARS, East Stuttgart, Arkansas.

Rashid, A. (2006). Development of Golden Rice through plant genetic engineering. Botany 600 presentation. Dept. of Biol. Sciences, Univ. of Alberta, Edmonton, Alberta, Canada.

Rashid, A. (2005). How herbicides work: classification, mode of action and resistance. Botany 600 presentation. Dept. of Biol. Sciences, Univ. of Alberta, Edmonton, Alberta, Canada.

Rashid, A. (2003). Factors affecting glyphosate performance. Presented at the producers meeting, Lakeland Agricultural Research Association (LARA), Bonnyville, Alberta, Canada.

Rashid, A. (2003). Recognizing herbicide action and injury. Presented at the Annual General Meeting, Lakeland Agricultural Research Association, Ashmont, Alberta, Canada.

Rashid, A. (2002). Herbicide damage diagnostic clinic at the Alberta Research Council in Vegreville. Presented at the ARC-Connect Conference, Leduc, Alberta, Canada.

Rashid, A., et al., (2001). Sulfonyleurea resistant spiny annual sowthistle populations can be managed with alternative herbicides. Abstract #5; Proc. Expert Comm. Weeds, Quebec City, Canada

Rashid, A. et al., (2001). Climatic factors affecting herbicide performance. Abstract #6, Proc. Expert Comm. Weeds, Quebec City, Canada.

Rashid, A. (2001) Herbicide related issues in Alberta: an overview. Presented at the Regional Agricultural Crop Specialists and Fieldmen, ARC, Vegreville, Alberta, Canada.

Rashid, A. and Checkel, S. (2001). Factors affecting barley tolerance to graminicides. Presented at the Board of Directors, Alberta Barley commission, Alberta, Canada

Rashid, A. and Checkel, S. (2001). Plant bioassay techniques for detecting Pursuit® (imazethapyr) residues in soil. On Farm Demo., Parkland Conservation Farm, Alberta, Canada.

Rashid, A. and Checkel, S. (2001). A barley bioassay for detecting Everest® (flucarbazone-sodium) residues in various soil types of Alberta. Demonstrated at the Board of Directors meeting, Alberta Barley commission, Alberta, Canada.

Rashid, A. (2001). An overview of herbicide research at Alberta Research Council in Vegreville. Presentation at the ARC Connect Conference, Leduc, Alberta.

O'Donovan, J.T., **Rashid, A.**, Newman, J., Robinson, D., Maurice, D. and Poisson, D (2001). Spiny annual sowthistle (*Sonchus asper*) resistance to acetolactate synthase (ALS)

inhibiting herbicides in Alberta. Proc. Weed Sci. Soc. Am., Reno, Nevada. #91, WSSA Abstract, Vol. 42, pp 26-27.

Rashid, A., and Checkel, S. (2000). Herbicide residue carryover in Alberta soil. Presented at the Top Grower Meeting, Festival Place, Sherwood Park, Alberta, Canada.

O'Donovan, J.T., **Rashid, A.**, and Pharris, R.P. (1999). Wild oat (*Avena fatua*) resistance to triallate and difenzoquat is linked to elevated levels of gibberellins. Proc. Weed Sci. Soc. of America, San Diego, CA, P.40-41.

Rashid, A. (1999). Effects of herbicides on weeds. Presented to the students of Environmental Toxicology, Lakeland College, Vermillion, Alberta.

Rashid, A. and Sharma, M.P. (1999). Herbicide carryover: Development of sensitive bioassay and Field investigation. Presented at the Westco ACES Agronomy Meeting, Edmonton, Alberta.

O'Donovan, J.T., **Rashid, A.** and Khan, A.A.(1997). Approaches to understanding triallate/ difenzoquat resistance in wild oats: is gibberellic acid involved? Proc. Western Soc. of Weed Sci. p. 81-82.

Rashid, A. et al. (1997). Herbicide damage diagnostic, advisory, and technology transfer services. Presented at PMB Inspector Meeting, Alberta Environmental Protection, Chemical Assessment and Mgmt Division, Oxbridge Place, Edmonton, Alberta, Canada.

Rashid, A., et al. (1997). Wild oat resistance to triallate and cross-resistance to difenzoquat. Presented at the 5th Annual Pseudo-Herbicide Resistant Weeds Workshop, Montana State University, Bozeman, Montana.

O'Donovan, J.T., **Rashid, A.**, Khan, A.A.(1996). A relatively sensitive seedling bioassay for assessing wild oat resistance to triallate and cross-resistance to difenzoquat. Proc. WSSA, Norfolk, VA, p.57.

Rashid, A. (1995-2002). Updates on herbicide research at the Alberta Research Council in Vegreville, Alberta. Yearly reports presented at the Alberta Weed Advisory Committee (AWAC) meetings, Edmonton, Alberta, Canada.

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