

Dr. Shamsuddin Tunio

Ph.D (UK)

Professor and Dean

Department of Agronomy

Faculty of Crop Production

Sindh Agriculture University, Tandojam

Profile: Qualification, Experience and Achievements. Dr. Tunio, born on March 1, 1955 is a scientist and research Agronomist and crop physiologist with an experience of 28 years in teaching, research and author of books/scientific literature in the vast areas of Agronomy including Crop Sciences, crop production, conservation Agronomy, plant and environment, seed technology, weed management, soil and water management, crop physiology and Growth regulators organic farming, mulching, medicinal crops.

His higher studies abroad as Ph.D. scholar was due to Award of central overseas Training (COT) by Ministry of Education, Government of Pakistan on the merit. He had worked in the field and laboratories, University of Wales, Bangor (UK) and conducted variety of field and green house experiments with the application of plant growth regulators on wheat grown in spring and autumn environments and gained experience in planning and conductance of research experiments. In Ph.D. studies, he had developed cereal growth code for the application of plant growth regulators at proper crop growth stage. This growth code could also be exploited by the scientists and researchers for the application of pesticides, fungicides and herbicides on small grain cereals.

During study period of 1986-1990 at UK he has visited some important Farms, research stations, laboratories, Royal Agricultural shows and farmers days and gained knowledge and experience in farming systems and their research management along with farm Advisory services. Dr. Tunio along with teaching and Post Graduate Research experience in Pakistan and abroad, has quite good experience of holding various posts and additional charges such as chief coordinator, post graduate program, Head Invigilator of Crop Production Faculty, Member, Faculty Board of Studies Crop Protection and Agricultural Engineering. Incharge seed testing laboratory, Hostel warden, Member Board of Studies, Department of Agronomy, Member, Board of Advanced Studies and Research, Member, Editorial Board and Vice-President, Sindh Science Society, University of Sindh, Jamshoro, Editor and Managing Editor, Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences, Sindh Agriculture University, Tandojam, Editor, Indus Journal of Plant Sciences, Sakrand, Editor, Pakistan Journal of Weed Sciences, Weed Science Society of Pakistan. Chief Editor, SARANG Magazine.

Dr. Tunio, is author of first Scientific Dictionary (The New Scientific Dictionary, English to Sindhi), author of more than 30 research papers published in various Journals of national and international repute, and also author of more than 100 Agricultural Scientific articles published in different journals, Magazines and News papers of English and Sindhi languages. Has been honoured with at least three Awards viz. Sami Award, 1995, Allama I.I. Kazi Education Award, 1996 and Gold Medal Award (Author of Books, 1996), Eminent Researcher and Writer Award, Dr. Mahbat Buriro Academy, Qamar 2005.

Dr. Tunio has vast experience of research project planning and conducting field, laboratory and greenhouse experiments with expertise in experimental designs, analysis and Interpretation of data. He is recognized guide for M.Sc., M.Phil and Ph.D. students at Sindh Agriculture University Tandojam. Guided about 50 M.Sc. students. At present, he is teaching some basic and advanced courses such as Basic Agriculture, Principles of Agronomy, Conservation Agronomy, Environmental Physiology, Seed Production and Management, Weed Management and Research report writing.

Dr. Tunio has been affiliated and practically involved with reading and writing scientific literature related to Agriculture and science, Anthropology, Environment, Sociology and economy of both Sindh and Pakistan. As he comes from rural family back- ground, he understands the problem of rural community in deeply means. He has also remained an active participant in some NGOs like Sindh Graduates Association.

BIODATA

NAME: DR. SHAMSUDDIN TUNIO.
FATHER'S NAME: Muhammad Paryal Tunio.
DATE OF BIRTH: 1-03-1955.
MARITAL STATUS: Married.
DOMICILE: Larkana (Sindh Rural).
NATIONALITY: Pakistani.
SEX: Male.
DATE OF APPOINTMENT: 13-11-1980
PRESENT POSITION: Professor and Dean
Department of Agronomy,
Faculty of Crop Production,
Sindh Agriculture University, Tandojam.
PRESENT PAY SCALE: BPS-21
N.I.C. NO: 41303-1542164-1 (425-55-009373)
HIGHER QUALIFICATION: Ph.D., Agronomy (UK, 1990)
FIELD OF SPECIALIZATION: Agronomy (Field Crop Physiology)
AREAS OF INTEREST: i. Agronomy and resource conservation
ii. Crop Production Technology
iii. Medicinal crops
iv. Environmental Sciences
ii. Soil and Water Management
iii. Plant Nutrient Management
iv. Organic farming
viii. Seed Technology
ix. Weed Management
x. Mulching and Intercropping
Ph.D. THESIS: Effect of Environment and plant growth regulators
on the growth of wheat genotypes (1990).
M.Sc. Thesis: Effect of row and plant spacing on the
growth and yield of soybean (1979).
EXPERIENCE: i. Twenty Eight Years Teaching and Research
Experience.
ii. Four years post graduate research
Experience in Abroad (U.K).
iii. Twenty Four years experience in Thesis,
Research paper and report writing.
iv. Fifty M.Sc. students produced during service.
PUBLICATIONS: i. Fifty Research Publications.
ii. Hundred Agricultural Articles in English
and Sindhi (Newspapers, Science and
Zaraat Journals).
TRAINING: Ph.D. Programme, University of Wales,
Bangor (UK).
LAST VISIT ABROAD: United Kingdom, 1986-1990.

AUTHOR & CO-AUTHOR:**BOOKS**

- i. The New Scientific Dictionary (English to Sindh, 1987). Mohen-Jo-Daro Publishing House, Karachi.
- ii. Revised Edition (The New Scientific Dictionary, 1995), Roshni Publication, Kandiaro. No of pages
- iii. 21st Century Glossary of Agricultural Terms, 2001.
- iv. Crops and Weeds, 2004
- v. Intercropping in Sindh, 2004
- vi. Pure Seed: Production and Testing, 2004
- vii. Agriculture, climate and crops, 2007
- viii. Crops of Sindh: Modern cultivation and production, 2008

BOOKLETS

- i. Cultivation of Rib grass (Spunger), published by Agriculture Research Institute, Tandojam.
- ii. Wheat: Guide lines for higher production (2000-2001). Published by Agriculture Extension, Department, Sindh (Year: 2000).
- iii. Cotton cultivation & New Technology, 2001. Director Agricultural Information, Agriculture Extension, Sindh, Hyderabad, (Year 2001).
- iv. Weeds of Wheat. Published by Plant Physiology Section, Agriculture Research Institute, Tandojam (Year: 2001).
- v. Improved wheat production technology, published by Agriculture Extension Department, Sindh (Year: 2000-2002).
- vi. Cultivation of spice crops, published by Agriculture Extension, Sindh, Hyderabad, 2004.
- vii. Profitable cultivation technology of Rose, published by Agriculture Extension Department, Sindh, 2005.
- viii. Medicinal Crops, published by Agriculture Extension Department Hyderabad, Sindh, 2005.
- ix. Mulch Technology, published by Agriculture Extension Department Hyderabad, Sindh, 2006.
- x. Organic farming, published by Agriculture Extension Department Hyderabad, Sindh, 2007.

LANGUAGES:

i. English ii. Sindh iii. Urdu

UNIVERSITY ADDRESS:

Department of Agronomy, Faculty of Crop Production,
Sindh Agriculture University, Tandojam.

HOME ADDRESS:

H.NO.E-7, Mehboob Town, Tandojam, District Hyderabad.

EDUCATION (ACADEMIC AND PROFESSIONAL QUALIFICATIONS)

Degree	University	Year	Division	Subject
Ph.D.	University of Wales Bangor, U.K.	1990	-	Agronomy (Crop Physiology)
M.Sc. (Agri.) Hons.	Sindh Agriculture University Tandojam	1977-78	First & Stood First	Major: Agronomy Minor: Soil Science
B.Sc. (Agri.) Hons.	Sindh Agriculture University Tandojam	1977	First & Stood First	Major: Agronomy Minor: Plant Pathology, Biochemistry, Statistics
Inter	Sindh University, Jamshoro	1974	First & Stood Third	English, Physics, Chemistry, Biology (Botany & Zoology), Agriculture.
Matric	Board of Intermediate Science and Secondary Education Hyderabad	1972	First Class	First Class

SERVICE RECORD AND EXPERIENCE

Post	Period	Name of Institution
Lecturer	November 13, 1980 To June 26, 1990	Sindh Agriculture University, Tandojam.
Assistant Professor	June 26, 1990 To December 27, 1995	Sindh Agriculture University, Tandojam.
Associate Professor	December 27, 1995 To April 11, 2006	Sindh Agriculture University, Tandojam.
Professor	April 12, 2006 Uptodate	Sindh Agriculture University, Tandojam.
Dean	1 st March, 2008 uptodate	Faculty of Crop Production, Sindh Agriculture University, Tandojam.

ADDITIONAL JOB ASSIGNMENTS

i.	Hostel Warden,	Nov. 1981 - June, 1985	Sindh Agriculture University, Tandojam.
ii.	Incharge, Seed Technology Laboratory,	1990 - 2006	Department of Agronomy, Sindh Agriculture University Tandojam
iii.	Chief Coordinator Post graduate Courses.	1996 - 2002	Sindh Agriculture University Tandojam
iv.	Editor, PJAAEVS, SAU, Tandojam.	1997 - 1998	Sindh Agriculture University Tandojam
v.	Editor, English Section, Sarang Students Magazines Vol.12, 1997-98.	1997 - 1998	Sindh Agriculture University Tandojam
vi.	Managing Editor, PJAAEVS, SAU, Tandojam.	1998 - 2008	Sindh Agriculture University Tandojam
vii.	Editor, Indus Journal of Plant Sciences	2001 - 2005	Central Cotton Research Institute, Sakrand, Sindh
viii.	Chief Editor, SARANG Student's Magazine	2004-2007	Sindh Agriculture University Tandojam
ix.	Editor Pakistan Journal of Weed Sciences	2005	Weed Science Society of Pakistan, NWFP Agriculture University, Peshawar.

COURSES/ TRAININGS/ CONFERENCES/SEMINARS

S.NO.	NATURE OF WORK	DURATION	NAME/PLACE OF INSTITUTION
1.	Refresher courses to graduate and post-graduate students	Two Years	Department of Agriculture and School of Biological Sciences, University of Wales, Bangor U.K. (1988-89).
2.	Trainer in National Training Workshop on "Protected Area Management", Under Topic 'Conservation Agronomy in Protected Areas'	Two Weeks	United Nation Educational and Cultural Organization and Faculty of Agricultural Social Sciences, Sindh Agriculture University Tandojam (June 12 - 22, 1993).
3.	Trainee in Short Course "Creating Better Extension Programmes"	One Week	Collaboration with Sindh Agriculture University, Tandojam and University of MINNESOTA, U.S.A. under Agricultural Research Project-II at Faculty of Agricultural Social Sciences, Sindh Agriculture University, Tandojam (August 28, 1995).
4.	Trainee in the workshop	One Week	National IPM Program, workshop on "Non-Formal Education for IPM Resource Persons" February 12-16, 2002, Islamabad.
5.	Resource person/Trainer "Skill development training course"	Two Months	Faculty of Agricultural Social Sciences, sponsored by LASMO, Company for Kachho and Nara Youth, July-August, 2002.
6.	International Conference on Investment and privatization in OIC countries	Three Days	Collaboration with Islamic Chamber of Commerce and Industry, April 19-20, 2003, Jinnah Convention Centre, Islamabad.
7.	Resource person in training Workshop "IPM curricula development"	Two Weeks	National IPM program, April 27- May 3, 2003, Mingora, Swat and IPM program September 29, October 4, 2003, Bahawalpur, Punjab.
8.	National Conference on Agricultural and Animal Sciences (Paper presented entitled as "Effect of Integrated Weed Management Practices on Wheat Yield").	Three Days	Sindh Agriculture University, Tandojam. 23 rd – 25 th November 2004
9.	Prospects of University research for the development of Oil and Soap Industry: A University-Industry interaction Seminar	One Day	University of Sindh, Jamshoro, Thursday 17 th March, 2005.

**RESEARCH ACTIVITIES OF
DR. SHAMSUDDIN TUNIO
WITH POST GRADUATE STUDENTS**

RESEARCH AREAS: Year 2000-2005

1. MEDICINAL PLANTS

Psyllium Seed

- Title: i) Effect of sowing methods on the growth and yield of Psyllium seed.
 ii) Effect of seed rate and row spacings on the yield and harvest index of Psyllium seed.

Fennel:

- Title: i) Effect of sowing dates on the growth and yield of Fennel.

2. MAJOR CROPS: 1) Wheat 2) Cotton 3) Sugarcane

3. MINOR CROPS: 1) Canola 2) Sunflower 3) Soybean

4. WEED MANAGEMENT: 1) Wheat 2) Cotton 3) Sugarcane

- i. To study the efficiency of various weed Management practices in wheat.
ii. Effect of Post-emergence application of Herbicides on the yield attributes of wheat.
iii. To study the effect of integrated weed Management in cotton.
iv. Effect of Integrated weed Management on wheat yield.

5. MULCH TECHNOLOGY: i. Sugarcane ii. Sunflower iii. Cotton

- i. To study the effect of different mulching methods on weed Management in Sugarcane.
ii. Effect of Mulching Techniques on the growth and yield of Sugarcane.
iii. Effect of mulching methods and irrigation frequencies on sunflower yield.
iv. Effect of mulching methods on weed management in cotton.

**6. INTERCROPPING TECHNOLOGY: i. Cotton + Soybean
 ii. Sunflower + Mungbean
 iii. Cotton + Guar
 iv. Sunflower + Soybean**

7. INTERCROPPING:

- i. Effect of Intercropping of Mungbean on Sunflower yield.
ii. Studies on the Intercropping of Soybean with cotton for potential yield determination.
iii. To study the effect of soybean intercropping on sunflower yield.
iv. Effect of Guar intercropping on cotton yield.

8. PLANTING PATTERN

- i. Effect of different planting patterns on wheat yield
ii. Effect of different planting patterns on growth and yield of sunflower

9. SEED SOAKING: INTERVALS AND METHODS

- i. Cotton
ii. Wheat

10. PLANT GROWTH REGULATORS

- iii. Wheat

11. WEED ALLELOPATHY

- i. Efficacy of organic allelopathic effects on weed management in wheat.

12. ORGNAIC AND INORGANIC NUTRIENT

- i. Organic and inorganic nutrient management in spring sugarcane

RESEARCH PROJECT REVIEWER: Pakistan Science Foundation, Islamabad, 2006 - 2007

Project Titles

1. Seasonal variation effects on sunflower, 2006.
2. Effect of seed priming with nutrient solution on emergence and yield of wheat, 2007.
3. Soil Solarization: A Non Chemical Weed Management Approach in Cash Crops, 2007.

AWARDS, SHIELDS AND GOLD MEDAL

- Sami Award, Jahania Adabi Council (Shield, 1995).
- Allama I.I. Kazi Education Award, Sindh Rural Development Society (Shield and Certificate, 1996).
- Gold Medal Award, Sindh Agriculture University students zones (Gold Medal and Certificate, 1996).
- Eminent Research and Writer: Dr. Mahbat Buriro Award, Dr. Mahbat Academy Qambar, 2005.

MEMBERSHIP TO PROFESSIONAL, SOCIAL AND NGOs/ SOCIETIES

- Sindh Science Society, University of Sindh, Jamshoro (1993-2002).
- Weed science society of Pakistan, NWFP Agricultural University Peshawar, 2001-2005.
- Vice President, Sindh Science Society, Jamshoro (1997-2004).
- Member Alumni (Old Graduates Association), Sindh Agriculture University, Tandojam.
- President, Sindh Graduates Association, Tandojam Branch (April, 1992-93).

RESEARCH PUBLICATIONS (INTERNATIONAL JOURNALS)

Sr. No.	AUTHOR(S) TITLE	JOURNAL	VOLUME & DATE	REMARKS
1	S.D. Tunio, M.J. Rajput, M.A. Rajput and F.K. Rajput. Effect of row and plant spacing on the growth and yield of soybean.	Egyptian Journal of Agronomy	5(1): 57-67, 1980	International
2	M.J. Rajput, S.D. Tunio, M.A. Rajput, and F.K. Rajput. Effect of row and plant spacing on the yield and yield components of soybean.	Pakistan Journal of Agriculture Research.	5(2): 83-87: ISSN 0251-0480, 1984.	International
3	S.D. Tunio and D. Wright. Effect of plant growth regulators on the growth and development of wheat genotypes.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences,	9(1&2): 1-8: ISSN 1015-3055, 1993.	International
4	M.N. Kalwar, S.D. Tunio, M.J. Rajput and A.W. Khoso. Effect of planting dates on yield and its related traits in spring Mungbean.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences,	10 (1&2): 27-29: ISSN1015-3055, 1994.	International
5	S.D. Tunio and D. Wright. Effect of growth regulators on yield attributes of winter and spring wheat.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences,	11 (1 & 2): 21-27: ISSN 1015-3055, 1995.	International
6	S.D. Tunio and D. Wright. Response of wheat shoot growth and production to foliage applied growth regulators.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences,	12 (1&2): 73-80: ISSN 1015-3055, 1996.	International
7	S.D. Tunio and D. Wright. Effect of autumn and spring sowing on development and yield of wheat.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences,	13(1):11-18: ISSN 1015-3055, 1997.	International
8	N.A. Talpur, S.D. Tunio, M.U. Sial and S.N. Mirani. Yield response of wheat varieties under different planting rates.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences,	13(2):69-73: ISSN 1015-3055, 1997.	International
9	S.L.J. Talib and S.D. Tunio. Response of spring Mungbean to different seed rates and NP fertility levels.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences,	13(2):81-83: ISSN 1015-3055, 1997.	International
10	Q.B. Baloch, M.J. Luni, S.D. Tunio and M.H. Leghari. Growth and yield of pea in response to nitrogen Fertilizer.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	14(1): 3538: ISSN 1015-3055, 1998.	International
11	S.D. Tunio, Z.A. Channa and M.S. Sial. Effects of sowing dates on the growth and yield of wheat cultivars.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	14(1):10-14: ISSN 1015-3055, 1998.	International
12	S.D. Tunio and D. Wright. Effect of growth regulators on yield and yield components of wheat in Green House.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	14(2):69-73: ISSN 1015-3055, 1998.	International
13	Q.B. Baloch, N.A. Khaskheli, S.D. Tunio and M.H. Leghari. Fertility study on Chillies <i>Capsium frutescens</i> L. Local variety loungi grown in Sindh.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	14(2):58-61: ISSN 1015-3055, 1998.	International
14	Munwar M. Solangi, S.D. Tunio and A.B. Chhutto. Studies on sunflower plantations under Ridge and flat bed methods.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	15(1):19-22: ISSN 1015-3055, 1999.	International
15	G.S. Shaikh, S.D. Tunio, M.U. Samo and A.G. Magsi. Effect of irrigation regimes on yield of Canola.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	15(1): 5-8: ISSN 1015-3055, 1999.	International

16	A.D. Jarwar, S.D. Tunio, H.I.Majeedano and M.A.Kaisrani. Efficacy of different weedicides in controlling weeds of wheat.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	15(2):17-20: ISSN 1015-3055, 1999.	International
17	N.D. Mari, S.D. Tunio, A.H. Abro and V. Ram. Effect of first irrigation and subsequent irrigation intervals on cotton yield.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	16(1-2): 4-7: ISSN 1015-3055, 2000.	International
18	S.D. Tunio, Munwar M. Solangi, M.U. Samo and V. Ram. Effect of planting methods on the growth and yield attributes of two sunflower cultivars.	Pakistan Journal of Scientific and Industrial Research,	44 (5): 297-300: ISSN 0030-9885, 2001.	International
19	H.I. Majeedano, S.D. Tunio and A.D. Jarwar. Effect of low temperature regimes on seed germination of Maize.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	17(1-2):10-14: ISSN 1015-3055, 2002.	International
20	M.A. Qureshi, A.D. Jarwar, S.D.Tunio and H.I. Majeedano. Efficiency of various weed management practices in wheat.	Pakistan Journal of Weed Science	8 (1-2): 63-69, 2002.	International
21	S.D.Tunio, A.D. Jarwar, M.R. Waggan and S. Bozdar. Effect of soil and foliage applied N at different growth stages of cotton	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	18(1-2): 1-4, ISSN 1015-3055, 2002.	International
22	Qazi Mehmood Ali and Shamsuddin Tunio. Effect of various planting patterns on weed population and yield of wheat.	Asian Journal of Plant Sciences	1(3):216-217, 2002.	International
23	S.D. Tunio, Ajmal, M.M. Jiskani and G.M. Tunio. Effect of weed Management practices on weeds and cotton yield.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	19(1): 7-14, 2003.	International
24	H.R. Memon and S.D. Tunio. Effect of mineral fertilizers and farm yard manure on the yield attributes of wheat.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	19(2): 14-18, 2003.	International
25	M.H. Leghari, N.H. Leghari, S.D. Tunio and R.A. Kubar. Effect of Row spacing on growth and yield of okra (<i>Abelmoschus esculentus</i>).	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	19(2):11-13, 2003.	International
26	M.M. Jiskani, S.D. Tunio, M.A. Pathan and H.I. Majeedano. Effect of Mulching methods on Root rot, <i>Macrophomina phaseolina</i> (TASSI) GOID., Physiological maturity and yield of Okra.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	20 (2), 2004.	International
27	A.A. Siddiqui, P.A. Baloch, J.A, Lund, S.D.Tunio and M.A. Sheikh. Effect of Nitrogen and Phosphorus on growth and seed yield of Carrot.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	20 (2), 2004.	International
28	S.D.Tunio, S.N. Kaka, A. D. Jarwar and M.R. Waggan. Effect of integrated weed Management practices on wheat yield.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	20 (1), 2004	International
29	T.F. Miano, S.D. Tunio, M.A. Sheikh, N.M. Miano and M.R. Waggan, Effect of Nitrogen and potash on the growth and yield of Chilli.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	20(2):13-15, 2004	International
30	R.A. Soomro, S.D. Tunio, H.I. Majeedano and M.R. Waggan. Response of planting density on the yield and harvest index of <i>Psyllium</i> seed (<i>Plantago ovata</i>).	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	21 (1), 2005.	International

31	T.F. Miano, S.D. Tunio, A.A. Khooharo and M.A. Baloch. Studies on physico-chemical characters of Jujubee varieties under influence of sun direction and maturity stages science.	Science International (Lahore), ISSN 1013-5316; CODEN: SINTE 8	17 (1):57-60, 2005	International
32	S.D. Tunio, H.I. Majeedano, M.S. Jogi and A.D. Jarwar. Effect of different sowing dates on growth and yield of Fennel	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	21(2), 2005	International
33	Tunio, S.D., M.N. Korejo, Jawar, A.D. and G.M. Tunio. Studies on Indigenous and Exotic weeds competition in Wheat.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	22 (1), 2006	International
34	M.A. Ansari, H.R. Memon, S.D. Tunio and S.A. Keerio. Effect of planting pattern and yield of wheat.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	22 (2), 2006	International
35	S.D. Tunio, M.A. Ansari, H.R. Memon and M.R. Memon. Effect of Mulch methods and irrigation frequencies on growth and yield of Sunflower	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	23 (1), 2007	International
36	M.N. Kandhro, S.D. Tunio, H.R. Memon and M.A. Ansari. Growth and yield of sunflower under influence of Mungbean intercropping	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	23 (1), 2007	International
37	Z.A. Abbasi, P.A. Baloch, U.A. Talpur and S.D. Tunio. Impact of NP Fertilizers application time on the yield of Wheat.	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	23 (2), 2007	International
38	H. R. Memon, M. A. Ansari, S. D. Tunio, M. N Kandhro and M. H. Rajput. Growth and yield responses of wheat (<i>Triticum aestivum</i> L.) under different methods of nitrogen application	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	23 (2), 2007	International
39.	S.D. Tunio, M.A. Ansari, G.H. Jamro and H.R. Memon. Effect of seed soaking duration on the germination, growth and yield of cotton	AMA, JAPAN	Published Abstract, 2007	International
40.	M.N. Kandhro, N.A. Suhag, S.D. Tunio and H.R. Memon. Effect of different planting patterns on growth and yield of Sunflower	Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences	Unpublished	International

RESEARCH PUBLICATIONS (NATIONAL JOURNALS)

Sr. No.	AUTHOR(S) TITLE	JOURNAL	VOLUME & DATE	REMARKS
1	K.B. Kalwar and S.D. Tunio. Effect of irrigation scheduling at different stages on the yield of wheat.	Journal of Drainage and reclamation	6 (1&2): 23-27, 1994.	National
2	W.A. Khan, S.M.Qayyum, S.D. Tunio, B.Waggan and S.K. Wadhawani. Effect of Spacing and Fertility levels on soybean performance.	Journal of Agriculture Research	35 (1-2): 107-112, 1997.	National
3	N.A. Deho, H.I. Majeedano and S.D. Tunio. Effect of Mulching methods, weed management on the growth and yield of sugarcane.	Pakistan Sugar Journal	XVII (1): 11-15, 2002.	National
4	Z.A. Deho, S.D. Tunio. H.I. Majeedano and Y.J. Minhas. Effect of mulching techniques on the yield of sugarcane.	Pakistan Sugar Journal	XVII (4): 22-26, 2002.	National
5	H.I. Majeedano, F.M. Baloch, S.D.Tunio, and A.D. Jarwar.Yield response of sugarcane varieties under agro-ecological conditions of Tandojam.	Pakistan Sugar Journal	XVIII (01): 20-23, 2002.	National
6	Islamuddin Majeedano, F.M. Baloch, Shamsuddin Tunio, and Allah Ditta Jarwar. Studies on different Intercrops on yield of Autumn planted sugarcane.	Indus Journal of Plant Sciences	2(1): 63-66, 2003.	National
7	S.D. Tunio, H.I. Majeedano, N.N. Panhwar, A.D. Jarwar and G.S. Tunio. Effect of sowing methods on the production of Psyllium seed.	Indus Journal of Plant Sciences	2(4):336-339, 2003.	National
8	H.I. Majeedano, F.M. Baloch, S.D. Tunio and A.D. Jarwar. Yield response of Sugarcane under different potash levels.	Pakistan Sugar Journal,	18(4): 17-19, 2003.	National
9	Allah Ditta Jarwar, Shamsuddin Tunio, M. Aslam Ansari, Islamuddin Majeedano and Munsif Ali Kaisrani. Weed competition studies in Sugarcane.	Indus Journal of Plant Sciences	3(4):442-445, 2004.	National
10	Fazana T. Chandio, S.D. Tunio, H.I. Majeedano and G.S. Tunio. Effect of different of sowing dates on Qualitative and Quantitative characters of some commercial and up coming cotton genotypes.	The Indus Cottons.	2 (2): 115-121, 2005.	National
11.	G.R. Memon and S.D. Tunio. Performance of different lentil varieties under agroclimatic conditions of Tandojam	Proceedings of International Conference, National Agricultural Research Centre, Islamabad, Pakistan.	March 20-22, 2007	-----

