

## BIBLIOGRAPHY

- A. S. Khalon, "New farm Technology-its implications in Agricultural Economy," *Indian Journal of Agricultural Economics (IJAE)* Oct-Dec 1070
- Acharya, S. S. (1977) : "Agricultural Price Policy and Development : Some facts and Emerging issues", *Ind. Jn. of Agri Econ.*, Vol. 52, No.1, Jan – March.
- AF-RC, Assam Agricultural University, Jorhat, Assam (2004) : "Economics of Vegetable Crops Cultivation in Assam- A Study in Nagaon and Jorhat District", *Agricultural Situation in India*, Vol. LXI, July, No. 4.
- Agarwal, Bina (1983) : *Mechanization in Indian Agriculture: An Analytical Study based in Punjab*, Allied Publishers, New Delhi.
- Agarwal, R.C. (1983), "Role of Farmers Education in Increasing Agricultural Production in the Himalayan Region on Nepal and India".
- Aggarwal, G. D. (1949) : "Economics of Mechanization of Agriculture", *Ind. Jn. Agri. Econ.*, Vol. IV, No. 1.
- Agnihotri, A. P. (2000) : "Pesticide Consumption in Agriculture in India – An Update", *Pesticide Research Journal*, 12(1)
- Ahluwalia, M. S. (1978): *Rural Poverty and Agricultural Performance in India*, *Journal of Peasant Studies*, Vol. 14, No. 3.
- Alag, Y. K. (1991) : "Sustainable Development Techniques for Policy Makers", in J. Pronk and Mahabub-ul-Haque Eds., *Sustainable Development Concept in Action : Report of the Haque Symposium—United Nation's Development Programme and United Nation's Conference on Environment and Development (UNDP) and UNCED*, New York.
- Alag, Y. K. (1991B) : "Indian Development Planning and Policy", *WIDER Studies in Economics*, Vikash Publishing House, New Delhi.
- Alag, Y. K. (1999) : "Agricultural Trade and Sustainable Development", *Ind. Jn. of*

*Agri. Econ.*, Vol. 54, No. 1, Jan-March.

Aldas Janaian and Mahabub Hossair (2003) : “Can Hybrid Rice Technology Help Productivity growth in Assam Tropics? Farmers Experience”, *Economic and Political Weekly*, June. 21-27, 2003 vol. XXXVIII, pp.100-25

Ameur, C. (1994) : “Agricultural Extension : A step beyond the next step”, *World Bank Technical Paper*, No. 247, The World Bank, Washington D. C., U. S. A.

Anderson, M. B. (1979) : “Rural development through self-reliance: implications for Appropriate Technology”, in *New Dimension of Appropriate Technology*, selected *Proceedings of 1979 Symposium Sponsored by International Association for the Advancement of Appropriate Technology in Developing Countries*.

Anonymous (2000) : “Vision 2020 and Strategic Action Plan of Agriculture, Ministry of Agriculture”, *Government of India*, New Delhi.

Antholt, C. H. (1992) : “Relevancy, Responsiveness and Cost Effectiveness : Issue for Agricultural Extension in the 21<sup>st</sup> Century”, *Journal of Extension Systems*, 8:3, 7-44.

Arora, R. G. Singh and M. S. Sadhu (1983): “American Bollworm: A Threat to Cotton Crop”, *Progressive farming*. 19 (11)

Asaduzzaman, M., (1979), "Adoption of HYV Rice in Bangladesh", *Bangladesh Development Studies* vol. 7, No.3, September, pp. 23-52.

Atteri, B. R., and Joshi, P.K. (1982) : “Capital requirement of marginal and small farmers,- A case study in Delhi”. *Agricultural Situation in India*, Vol. 37(5).

B. Singh (1968) : “Economics of Tractor Cultivation – A case Study”, *Ind. Jn. Agri. Econ.*, Vol. XXII, No. 1

Batra, M. M. (1976) : “Study Response of a Subsistence Crop Under Traditional and New Technologies”, *Indian Economic Review*, Vol. XI, New Series October.

- Bergman, T. (1978) : *Mechanization of Indian Farming*, Bombay, Popular Prakashan.
- Bezbaruah, M. P. (1989), *Technological Transformation of Agriculture -A study in Assam (Ph. D. Thesis)*.
- Bhalla, G. S. (1990) : *Changing Agrarian Structure in India, A Study of the Impact of Green Revolution in Haryana*, Meenakshi Prakashan, Meerut-Delhi
- Bhalla, G. S. (1995) : "Globalization and Agricultural Policy in India", *Ind. Jn. of Agri Econ.*, Vol. 51, No.1, Jan – March.
- Bhalla, G. S. and G. K. Chadha (1983) : "Green Revolution and the Small Peasant - A Study of Income Distribution Among Punjab Cultivators", Concept Publishing Company, New Delhi.
- Bhalla, G. S. and Gurmail Singh (1977) : "Recent development in Indian Agriculture : A state level Analysis", *EPW*, Vol. 32, No. 13, March 29.
- Bhalla, G. S., G. K. Chadha, S. P. Kashyap and R. K. Sharma (1990) : "Agricultural Growth and Structural Changes in the Punjab Economy : An input-output Analysis, Research Report No. 82", *International Food Policy Research Institute, Washington, D. C., U.S.A.* in collaboration with the Centre for the study of Regional Development at Jawaharlal Nehru University, New Delhi.
- Bhati, U.N. (1976), *Some Social and Economic Aspects of the Introduction of New Varieties of Paddy in Malaysia; Village Case Study*, United nations, Geneva.
- Bhatia, P. C. and Singh, H. (2001), "Rainfed Agriculture : Research and Development Perspective-, *Yojana Jan. 2001, vol. 45, No.1*.
- Birla Institute of Scientific Research (Economic Research Division) (1980) : *Technological Changes in Agriculture*, pp. 11-12.
- Birla Institute of Scientific Research, 1980.
- Bradford, K. J. and Cohn, M. A. (1998) : "Seed Biology and Technology at the

- Cross Road and Beyond Introduction to the Symposium on Seed Biology and Technology : Application and advances and Prospects for the Future”, *Seed Science Research* – 8 : 153-160.
- Bradified, (1966) : *Guide of Extension Training* : Food and Agricultural Organization of the United Nation, Rome, page 11.
- Chadha, G. K. (1996) : “Waste Land in Rural India : Policy Initiatives and Programmes for their Development, Occasional Paper-2”, *National Bank for Agriculture and Rural Development*, Mumbai.
- Chadha, G. K. (2003) : “Indian Agriculture in the New Millennium : Human Response to Technology Challenges (Presidential Address)”, *Ind. Jn. of Agri. Econ.* Vol. 58, No. 1, Jan – March.
- Challiah, S (1979): Insecticide Application and Brown Plant Hopper Resurgence in Rice: A Report of Research Conducted from July 8, 1977 to July 7, 1997. Department of Entomology, IRRI, Los Bonos, Philippines
- Chamak, J. S., Singh, A. I. and Sidhu, D. S. (1979) : “Resource Use Efficiency in Punjab Agriculture”, *The Indian Journal of Economics*, Vol. LIX, Part III, No. 234, January.
- Chamber, R. (1974) : “*Beyond Farmer First, London*”, Intermediate Technology Publications.
- Chandra Naresh and Sing R. P. (1992) : “Determinants and Impact of New Technology Adoption on Bihar” *Indian Journal of Agricultural Economy (IAE)*, vol. 47, No.3, July-Sept.
- Chandra, Naresh and Sing, R.P., (1992) : "Determinants and Impact of New Technology Adoption in Tribal Agriculture in Bihar", Priority Tasks of Critical Politics. *Indian Journal of Agricultural Economic.* Vol. 47, No.3, July-Sept.
- Chattopadhyay, A. (1976) : “The New Rice Technology in West Bengal”, *Indian Journal of Agricultural Economics.* XLI (4): P. 472–478

Chattopadhyay, Alok, (1986) " New Rice Tech. in West Bengal", *IJAE*, Oct-Dec, 1986

Chattopadhyay, Mahendra and Bhattacharya, Gautam (1986) "Growth of Indian Agriculture: A Reappraisal ", *IJAE*, Jan-March

Chaudhuri, K. M. and Maharaja, M. (1966): "Acceptance of Improved Practices and Their Diffusion Among Wheat Growers in the Pali District of Rajasthan", *IJAE*, vol. 21, pp.161-165.

Chaudhury, Meera (1985) : *Factors Affecting the Percolation of Benefits of Technology in Agricultural Development* (unpublished Ph.D. thesis submitted in University of Haryana) ,

Chauhan, K. S. (1997) : "India Paper" in Trends and Perspectives in Agricultural Education in Asia Specific, *Asian Productivity Organization*, Tokyo, pp. 219 – 230.

Chauhan, K. S. (1997), "*India paper*" in *Trends and Perspectives in Agricultural Education in Asia-pacific*, *Asian Productivity Organisation, Tokyo* (pp. 219-23).

Choudhury, A. K. and M. L. Jakhar (1997): Hybrid Technology: Towards Another Green Revolution" *Yojana* vol. 41, No.7 July.

Country Report (1995) : Fourth World Conference on Women, Beijing, 1995, *Country Report, Deptt. of Women and Child Development, Ministry of HRD, GOI, New Delhi.*

Cummings, John Thomas (1975) : "The supply responsiveness of Indian Farmers in the post-independence period : Major cereal and cash crops", *Ind. Jn. of Agri. Econ.*, Vol. 30, No. 1, Jan – March.

Danda, A. K. and Danda, D. G. (1972) : "Adoption of Agricultural Innovations in a West Bengal Village", *Man in India*, Vol. 52, pp. 303-19.

Dandekar, V. M. (1964) : "Prices Production and Marketed Surplus of Food grains",

*IJAE*, vol. 19, No. 3 – 4, July – December.

Dandekar, V. M. (1994): *The Indian Economy Since 1947-92* vol. I, 1<sup>st</sup> Edition, Sage Publication, New Delhi.

Dandekar, V. M. and F. K. Wadia (1991) : “Agro-Climatic Regional Planning”, *Journal of India School of Political Economy*, Vol. 3, No. 2, April-June.

Dantwala, M. L. (1965) : “Farm Stagnation in Growth”, *Indian Economics Journal*, Bombay, XVIII (2).

Dantwala, M. L. (1970) : “From Stagnation to Growth”, *Indian Economic Journal*, Oct-Dec.

Dantwala, M. L. (1972) : “Preface”, The proceedings of the Institutional Seminar on Comparative Extension of Agricultural Development in Developing Countries of Asia and the South-East since World War II, *The Indian Society of Agricultural Economics*, New Delhi, 25-28 October, 1991.

Dantwala, M. L. (1970) : “From Stagnation to Growth”, *Indian Economics Journal*, Oct. – Dec 1970.

Dasgupta, B. (1979) : “*Agrarian Change and the New Technology in India*”, *United Nations Research Institute of Social Development, Geneva*.

Dasgupta, Biplab (1977) : *The New Agrarian Technology in India*, The Mac Millan Company of India, Delhi.

Datta, S. K. and S. Y. Deodhar (eds) (2001) : “Implications of WTO Agreements for Indian Agriculture”, CMA Monograph, No. 191, *Indian Institute of Management, Ahmedabad*.

Desai, B. M. and D. K. Sesai (1970) : “Is Lack of Credit a Problem?” *Economic and Political Weekly*, Sept, 26.

Desai, D. R., Patel, G. A. and Patel, R. I. (1970) : “Impact of Modern Farming Technology on Rural Employment in Saurashtra,” *Indian Journal of Agricultural Economics*, Vol. XXXV, No. 3, July-Sept.

Desai, S. S. M., and Bhalerao, Nirmal, (1994), *"Indian Economic Environment*, Nirali Prakashan, Pune.

Dhaliwal (1965), -Extension contacts in relation to adoption of agricultural practices and socio-economic status of farmers, *Indian Journal of Extension Education (I. J. Ex. Ed.) vol. 1(1)*, pp. 58-62.

Dhaliwal, G. S. and R. Arora (1993) : "Changing Status of Insect Pests and their Management Strategies in Changing Scenario of Indian Agriculture", (eds.) K. S. Gill Dhaliwal, B. S. Hansra, Commonwealth Publishers, New Delhi, pp. 98-145.

Dhar, P. K. (1996) : *"The Economy of Assam -Including Economy of North-East India"* Kalyani Publishers, New Delhi.

Dharm Narain (1977) : " Growth of Productivity in Indian Agriculture" – IJAE Jan-March

Dhawan. A. K. (1997) : "IPM in Cotton, Insecticidal Mixture led the way"; *Pesticide world*, January-February

Dikshit, S. P. and Singh, Ajit Kumar (1974) : "Impact of Green Revolution on Agricultural Production Structure – A Study of the Changes in the Cropping Pattern in Uttar Pradesh", *Agricultural Situation in India*, May.

Dinar, A (1996) : "Extension Commercialization : How Much to Charge for Extension Service", *American Journal of Agricultural Economics*, Vol. 1, 78, pp. 1 – 12.

Dominique, Gentil (1989) : "A Few Questions on the Training and Visit Method", in Nigel Robert (ed.) *Agricultural Extension in Africa*, Washington D. C., The World Bank, pp. 25-30.

Dr. Bhattacharya, P. and Dr. Bihari Krishna (2003) : "Scope of Organic Farming in India"; *Yojana*, Vol. 47, No. 11, Nov.

Dr. Misra, R. P (1968) : *Diffusion of Agricultural Innovations, A Theoretical and Empirical Study*, Prasaranga University of Mysore.

- Dr. P. R. Dubhasi (1987) : ‘Agricultural Marketing’, NABARD’S National Bank New Review, December, Vol. 3 No. 10
- Durel, G. H. (1995) : “In search of International Linkages for Participatory Extension in Agricultural and Rural Development”, *European Journal of Agriculture Education and Extension*.
- Erdilek, A. (1986) : “Issues in International Technology Transfer”, *Economic Impact*, 4(56): pp. 49-54.
- Everett, M. Rogers 1969 : *Modernization Among Peasant*, New York, Holt Rinehart and Winston.
- FAO (1993) : “The Potentials of Microcomputers in Support of Agricultural Extension Education”, *Education and Training*, Rome : FAO.
- Farrington, J. (1995) : “The Changing Public Role in Agricultural Extension”, *Food Policy*, 20(6).
- Feder, G. (1980), “Farm Size, Risk Aversion and the Adoption of New Technology Under Uncertainty” *Oxford Economic Papers*. vol. 32, No.2, July pp. 263-283.
- Fliegell, F. C. (1956) : “Multiple Correlation Analysis of Factors Analysis of Factors Associated with Adoption of Farm Practices”, *Rural Socio*. Vol. 21.
- Frankel, R. Franciner (1971) : *India’s Green Revolution: Economic Gains and Political Costs*, Princeton University Press, Princeton.
- Ganesh Kumar, A. (1999) : “Spatial Variability in Crop Yields : The Cases of Cereal across Districts of Andhra Pradesh”, *Ind. Jn. of Agri. Econ.*, Vol. 54, No. 1, Jan – March.
- Garg, J. S. and Singh, B. B. (1973) : “Impact of Levels of Technology on Employment and Productivity of Human Labour”, *The Indian Journal of Farm Sciences* (Kanpur), Vol. 1, No. 1, December.
- Garg, J. S. and Singh, G. N. (1972) : “Production Pattern of the Small Farmers in



- District Pratapgarh (U. P.)", *Indian Journal of Agricultural Economics*, Vol. XXVII, No. 4, Oct-Dec.
- Ghosh, M. (1988): "Technological Change and Employment Generation in Rice Based Agriculture", *Agricultural Situation in India*, Jan.
- Ghosh, Maya (2003) : "Extension in Agricultural Development—A Learning Process", *The Indian Journal of Public Administration*, Vol. XIIX, No. 1, January–March.
- Gill, S. S. and J. S. Brar (1976) : "Global Market and Competitiveness of Indian Agriculture : Some Issues", *EPW*, Vol. 31, No. 32, August 10.
- Glover, David (1984) : "Contract Farming and Small Holders Outgrower Schemes in the Less Developed Countries", *World Development*, Vol. 12, Nos. 11 & 12.
- Goel, A. K. (2000) : "Agricultural Production Scenario in 21<sup>st</sup> Century", *Manage extension Research Review*, vol. 1, No. 1, Jan – June.
- Goswami, P. C. (Editor) "*Agriculture in Assam*" -First Edition, March 1989.
- Goswami, P. C., Bora, C. K. & Phookan, W. 'Agricultural Marketing System in Assam: Research & Data Gaps, Paper presented in the Seminar on data Gaps in Agricultural Marketing, 1982, Sponsored by P & D Deptt., Assam.
- Government of India, Farm Harvest Prices of Principal Crops in India, *Directorate of Economics and Statistics*, Ministry of Agriculture, New Delhi (Various issues), 2001.
- Govt. of India : Economic Survey 1997-98.
- Govt. of India, (1978) Report of the *The Programme Evaluation Organisation of Planning Commission*
- Grabowsk:, R. (1987) : "The New Technology and Reform: A Synthesis", *Indian journal of Agricultural Economics*, 42 (1): pp. 52–66
- Grabowski, R. (1987) : "The New Technology and Reform: A Synthesis", *Indian Journal of Agricultural Economics*, 42(1): pp. 52-66.
- Gulati, Ashok and G. D. Kalra (1992) "Fertilizer Subsidy, Issue Related to Equity and Efficiency", *Economic and Political Weekly*, Vol. XVII, No.13, March, 28.

- Gupta, B. C., Mingalini, S. S. and Singh, T. (1973) : “Response Curve Analysis of Fertilizer use on Kalyan 227 Wheat”, *The Indian Journal of Economics*, Vol. LIII, No. 210, Jan.
- Gwo-Chen, Li (1999) : “Scope of Plant Protection – A Practical Point of View”, <http://www.agnet.org/library/article>
- Hanchinal, S. N., Sundaraswamy, B. and Ansari, M. R. (2000) : “Attitudes and Preferences of Farmers Towards Privatization of Extension Service”, Abstract volume of National Seminar on Private Extension : Approaches and challenges in New Millennium, July 28-29, MANAGE : Hyderabad,
- Hansan Harald (1980) *The Adoption of Agricultural Innovation, Urban Growth and Rural Stagnation* (Edited by Rothermand, D. Kroppa and Dienemand, G.P ., pp, 73-75.
- Hansan Harald (1980): *The Adoption of Agricultural Innovation, Urban Growth and Rural Stagnation*, Edited by Rothermand, D. Kroppa and Dienemand D. P., pp. 73-75.
- Hansra, B. S. and Adniguru. P. (1998): *Agriculture transfer of technology approaches since Independence in India.*
- Hanumantha Rao, C. H. (1972) : “Farm Mechanization in the Labour Abundant Economy”, *Economic and Political Weekly*, Annual Number, Vol. VII.
- Heady, E. O. and H. R. Jenson (1964) : “Farm Management Economics”, Prentice Hall of India (Private) Ltd., New Delhi
- Heady. E. O. (1963) : “Basic Economic and Welfare Aspects of Farm Technological Advance”, *Journal of Farm Economics*, p.295, May.
- Hirway, Indira (1997) : “Proceedings on Institutional Factors for Agricultural Development : Decentralized Planning, Land reforms and poverty programmes”, in Bhupat M. Desai (Ed.)

Hussanullah (1999) : Agricultural Extension Service of the 21<sup>st</sup> Century—needs and challenges, *Presented in the Regional Symposium of Agricultural Extension Education, Mymensingh*, 18-21, April 1999, Bangladesh.

IFAD (1996) : “Evolving Experience with Extension Support in Eastern and Southern Africa”, *Paper Presented at the Second Informal Consultation on Institutional Support to Agricultural Extension Systems in Africa, Rome* : IFAD, October 8-9.

India (1996) : *A Reference Annual Publication Division, Ministry of Information and Broadcasting*, Government of India.

Indian Society of Agricultural Economics (1986) “Indian Agricultural Development Since Independence “, Oxford and I.B.H, New Delhi, Bombay and Calcutta

Iqbal, C. (1979): “High Yielding Varieties of Seeds and Their Impact on Agricultural Development”, in A. Mohammad (ed). *Dynamics of Agricultural Development In India* PP71-80

Jacob Viner (1985) : *The Economics of Development in : Approaches to the Problem of Underdevelopment* (ed) A. N. Agarwal and P. S. Singh, Oxford University Press.

Jaisal, N. K. and Sing, N. P. (1968) : "Farmers response to innovations in farming, A Study of Two East Bihar Villages, *Jr. Agril Research*, Bhagalpur University 1(1) : 36-46.

James, C. (1998) : “*Global Status of Transonic Crops*”, APSA Publication.

Jha, P. N. (2000) : “Indian Agriculture at the Cross Roads and the Strategies for Technology Development and Technology Dissimilation for Meeting the Challenges in 21<sup>st</sup> century”, B. S. Hansra, G. Perumal and K. Chandra Kandan (ed) *Modernizing Indian Agriculture in 21<sup>st</sup> Century Challenges, Opportunities and Strategies*, Concept publishing company, New Delhi-110059.

- Jha, P. N. and Shekhawat, G. S. (1972) : "Adoption Behaviour of Farmers Towards Hybrid Bajra Cultivation", *I.J.Ex. Ed.* 8(1,2).
- John, S. S. and A. S. Kahlon (1963) : "Economics of Cropping Pattern – An Analytical Case Study", *Indian Journal of Agricultural Economics*, Vol. XVIII, No. 1.
- Johnson, D. Gale (1975) : "World Agriculture, Commodity Policy and Price Variability", *American Journal of Agricultural Economics*, Vol. 57, No. 5, December.
- Jose, A. H. (1984) : "A Note on Investigation and Development", *Economic Affairs*, 39(4) pp. 233-241.
- Joseph Ascroft and Cipro Masilela (1989) : "From Top-Down to Co-equal Communication, Popular Participation in Development Decision Making", *Paper presented at the Seminar on Participation—A key concept in communication for change and development, Pune.*
- Joshi, P. C. (1979) : "Technological Potentialities of Peasant Agriculture", *Economic and Political Weekly*, 14(26), P. A47-A57.
- K. N. Ninan (1992): "Economies of Shifting Cultivation in India", *Economic and Political Weekly (EPW)*, vol. XXVII, No.13 March 28.
- K. S. Chauhan :Innovations in Agriculture – Looking at the Grass roots", *Rural India* Oct-Nov, 1980
- Kahlon, A. S. and D. S. Tyagi (1983) : "*Agricultural Price Policy in India*", Allied Publishers Private Limited, New Delhi.
- Kannaiyan, S. (1999) : "Rural Agricultural Work Experience (RAWE) Programme for Undergraduate Agricultural Students in Experiential Learning System", *Approach Rural Agricultural Work Experience (Ed.) S. Kannaiyan and R. Annamalai*, Tamil Nadu Agricultural University, Coimbatore.
- Kannaiyan, S. (2000) : *Hybrid Rice Research Status in the Philippines and China Vist Report*, Tamil Nadu Agricultural University, Coimbatore.

- Keynan, G., Manuel Olin and Ariel Dinar (1997) : “Co-financed Public Extension in Nicaragua”, *The World Bank Research Observer*, 12(2) : 225-47.
- Khatkar, R. K., S. D. Chamola and Veena Manocha (1991), "Post Green Revolution Scenario in Haryana Agriculture", *Ind. In. of Agri Econ.* , vol. 46, No.3, July Sept.
- Krishna, R. (1975) : “Measurement of Direct and Indirect Effects of Agricultural Growth with Technological Change”, in Raynolds. L.G. (ed) *Agriculture in Development Theory*, New Haven, Yale Univ.
- Lahiri, Debabrata and Gupta, S. B. L. (1975) : “Comparative Study of High Yielding and Non-high Yielding Varieties of Paddy in West Bengal – A Case Study”, *Economics Affairs*, May.
- Lange, Gerland (1998) : “New Media—An Opportunity for Developing Countries”, *Global Information Society, Agriculture + Rural Development*, Vol. 5, No. 1, April.
- Lekhi Romesh Kumar (1984) : *Technological Revolution in Agriculture, A case study of Punjab Classical Publishing Company*, New Delhi
- Lionel Goldring (1976) : “The management of Science and Technology”, *Lecture Services at New York University Graduate School of Business Administration*, January-May.
- Lipton, M. and R. Longhurst (1989) : *New Seeds and Poor People*, John Hopkins University Press, Bultimore.
- Mahabub Hossain, Tran Thi and Aldas Janaiah (2003) : “Vietnam’s Experience with Hybird Rice, *EPW*, June 21-27, vol-XXXVIII, No. 25
- Mahanty, B. B., (1999), "Agricultural Modernisation and Social Inequality -A case study of Satara District" *Economic and Political Weekly* vol. XXXIV, No.26.

Mali, D.D. *Economic Problems and Planning in Assam...*

MANAGE (1993) : "Farmers Participation in Agricultural Research and Extension Systems", Concept Publishing Company, New Delhi.

Mandal, G. C. (1972) : "Observation on Agricultural Technology in a Developing Economy, *Economics and Political Weekly*, Vol. VII, No.26.

Mandal, G.C. and Associates (1974), *Economics of Rural Change (A Study in East India)*.

Mehrotra, K. N. (1992): "Pesticide Resistance in Insect Pests in Pest Management and Pesticides: Indian Scenario", (ed) B V David, Namratha Publications, Chennai, pp 47-64

Miswa, J. (1974) : "Agricultural development and Employment Expansion: A Case Study of Japan" in Nurul Islam ed. *Agricultural Policy in Developing Countries*, London, Mac-Millan Press Ltd.

Mittal, Surabhai and Kumar, Praduman (2000) : "Literacy, Technology Adoption, Factor Demand and Productivity : An Econometric Analysis", *Ind. Jn. of Agri. Econ.*, Vol. 55, No. 3, July-September.

Mohammad, N. and Mahid, A. (1979) : "Socio-Economic Factors and Diffusion of Agricultural Innovations," in A. Mohammad (ed), *Dynamics of Agricultural Development in India*, Concept Publishing Company, Delhi, PP151-174.

Mohammad, N. and Majid, A. 1979 : "Socio-Economic Factors and Diffusion of Agricultural Innovations", *A. Mohammad (ed.) Dynamics of Agricultural Development in India*, Concept Publishing Company, Delhi.

Montek Singh Ahluwalia (1996): "New Economic Policy and Agriculture: Some Reflections", (Inaugural Address) *Ind. In. of Agri Econ.* Vol. 51, No. 3 July-Sept 1996

Mukhopadhyay, Arunendu (1974) : "Impact of Technological Changes on Factor intensities, Yield and Profitability on Desi and American Cotton In Firozpur

- District of Punjab”, *Indian Journal of Agricultural Economics*, Vol. XXIV, No. 3, July-Sept.
- Muthia, C. (1971) : “The Green Revolution – Participation by Small Versus Large Farmers”, *Indian Journal of Agricultural Economics*, Jan-March.
- Muthia, C. (1971) : “The Green Revolution—Participation By Small Versus Large Farmers”, *India Journal of Agricultural Economics*, Jan-March.
- N. K. Jaiswal, H. P. S. Arya (1981) : “Transfer of Farm Technology in India—An Overview”, *Management of Transfer of Farm Technology, Hyderabad, National Institute of Rural Development*.
- Naidu, V. Chandra Sekara (1997) : “Agricultural Transformation and Poverty: Some issues for Discussion”, *Review of Development and Change*, Vol. 2 No.1.
- Narain, Hari ( 1998), "Rural Development Through Science and Technology : *Journal of Rural Development*, Vol. 17, No.2, April-Jan.
- Ninth Five Year Plan, 1997-2003 Vol./ II Chapter 4.
- Nkowan, K., McGregor and B. Dent (1975) : “The Stagnation of Small Holder Agriculture in the Northern Region of Zambia : Problems : Conflicts and Production Systems”, *Outlook on Agriculture*, 25 (3), pp. 103-109.
- P. C. Goswami (1989) : “Modernizing Assam’s Agriculture, its structure in Assam (ed) P.C. Goswami, Assam Institute of Development Studies, Guwahati
- P. C. Goswami “Economic Development of Assam,” 2<sup>nd</sup> Edition, 1988, Kalyani Publishers
- Pal, S. and Singh, A. (1997) : “Agricultural Research and Extension in India”, Institutional Structure and Investment Policy Paper 7, *National Centre for Agricultural Economic Policy Research*, New Delhi.
- Palmer, I. (1976), *The Rice in Asia: Conclusions from Four Country Studies: Report*, United Nations Research Institute of Social Development, Geneva.

Pandey B.D. and Prasad, G. T. (1978) : “Study of Factors Associated with Adoption of Improved Practices for Cultivation of Wheat in Gyanpur Block, Varanasi (U.P.)”, *Agricultural Research and Rural Development*, vol. 1.

Pandey K. N. (1989) : "*Adoption of Agricultural Innovation A Study of Small and Marginal Farmers of Varanasi* (U.P.), Northern Book Centre, New Delhi.

Pandey, B. D. and Prasad, G. (1978) : "Study of factors associated with adoption of improved practices for cultivation of wheat in Gyanpur block, Varanasi (U.P.), *Agricultural Research and Rural Development* Vol. 1 ( 1 & 2).

Paroda, R. S. (1998) : *Forward in Accreditation for Quality Assurance in Agricultural Education*, ICAR, New Delhi.

Parthasarathy, G. (1970) : “Green Revolution and the Weaker Section”, Thaker and Company, Bombay.

Parthasarathy, Y. and B. V. S. Rao (1964) : “Production and Marketed Surplus of Rice”, *Agricultural Situation in India*, Vol. 19, No. 8, November.

Patel, A.R. (1983) Bank can also Help in Transfer of Technology, *Kurokshetra*, Vol. 30(12), March, pp. 13-15.

Pense, V. G. and Singh, D. (1966) : “Promotion and Assessment of Technological Change in Indian Agriculture”, *Ind. Jn. of Agri Econ.*, Jan-March.

Pukhan, Umananda (1990), *Agricultural Development in Assam*.

Puri, S. N., K. S. Murthy and O. P. Sharma (1999) : “Pest Problems in India – Current Status”, *Indian Journal of Plant Protection*, 27(1 and 2).

Quarashi, M. A. (1974) , New Vistas for the Small and Marginal Farmers", *Agricultural Situation in India*, Vol. 24(5) Aug.

Quraisi, M. A. (1974): New Vistas Foe the Small and Marginal Farmers", *Agricultural Situation in India*, vol.24(5) Aug.



- Rahaman, R. I. (1983), Adoption of HYV ; Role of Availability and the supply-side Problems", *Bangladesh Development and Change*, Vol. 21, No.2, pp. 281-307.
- Rahaman, T. I. (1983) : "Adoption of HYV; Role of availability and supply—Side Problems", *Bangladesh Development and Change*, vol.21 no-2 PP. 281-307
- Rahudkar, W. B. (1962) : "Farmers characteristics Associated with the Adoption and Diffusion of Improved Farm Practices", *I J A E*, vol. -17, pp. 83-84
- Rai, S. D. and Dhana Kumar, V. G. (1985) : "Transferring Technology Effectively", *Farmers' Journal* 4(10), pp. 10-13.
- Ram, Rajápati, (1979) : "Technological Determinants and Agricultural Development – An Analysis of Regional Variations in Eastern U. P." in A Mohammad (ed.), *Dynamics of Agricultural Development in India*, Concept Publishing Co., Delhi.
- Rao, A. P. (1967) : "Size of Holding and Productivity", *Economic and Political Weekly*, November 11.
- Rao, C. H. Hanumantha (2002) : "Sustainable Use of Water for Irrigation in Indian Agriculture", *National Bank News Review*, Vol. 18, No. 5.
- Rao, Hanumantha, C. H. (1976) : "Factor Endowments, Technology and Farm Employment", *Economic and Political Weekly*, XI (39).
- Rao, Hanumantha, C. H. (1976) : "Technological Changes and Distribution on gains in Indian Agriculture", The Macmillan Co. of India Ltd., Delhi p. 121.
- Rao, K. Chakradhar (1985), "New Agricultural Technology and Farm Employment", *Indian Journal of Labour Economics*.
- Rao, M. V. (1997) : "Valedictory Address—Agricultural Development Perspective for the Ninth Five Year Plan", *A Scientists View Print*, in : *Agricultural Development Paradigm for the Ninth Plan under new economic environment* (ed). Desai, B. M. New Delhi, Oxford & IBH Publication Co. Pvt. Ltd.
- Rao, S. K. (1971) : "Regional Variation in Agricultural Growth", *Economic and Political Weekly*, July, 3.

- Rapporteur, Chand Ramesh (1999) : "Agricultural Marketing : Issue and Challenges", *Ind. Jn. of Agri. Econ.*, Vol. 54, No. 1, Jan – March.
- Rathore, B. S. and Soham, S. M. (1972) : "Impact of Modern Technology on Input-Output Behaviour of Different Types and Sizes of Farms in Bharatpur District of Rajasthan – A comparative Study", *Indian Journal of Agricultural Economics*, Vol. XXVII, No. 5.
- Reardon, Thomas and Christopher B. Barrett (2000) : "Agro-industrialization, Globalization and International Development : An overview of Issues, Patterns and determinants", *Agricultural Economics*, Vol. 23.
- Reddy, K. J. and Reddy, C. B. (1972) Adoption of Improved Agricultural Practice in A.P., *I.J.Ex.Ed.*, 81(1 & 2), 14-23. ,
- Ricardo Godpy, Jeffsey, R. Franks and Mario Alvarado Claudio (1997) : "Adoption of modern Agricultural Technology by Lowland Amerindians in Bolivia: The Role of Honselholds, Villages, Ethnicity and (Uni ver si dad Major de san Andress, La Pa 3)
- Rogers, E. M. and Svenning (1969) : *Modernization Among Peasant: The Impact of Communications*, Holt Rinehart & Winston, Inc..
- Ruddav Datta and K.P.M. Sundaram (1999) : *Indian Economy*, S. Chand & Company Ltd., Ram Nagar, New Delhi-110055.
- Rudra, A. (1982) : *Indian Agricultural Economics: Myths and Realities*, Allied Publishers Ltd., New Delhi.
- S. A. Sahani, "farmers' Awareness of Agricultural Extension Programme," Ph. D. Thesis. Agra University, 1971
- Saikia, .P. D. (1987) : "*Impact of Irrigation on Small Farmers of N. E. Region.*"
- Samanth R. K. (1992): "Socio-Agro-Economic Characteristics of Tribal Farmers and Their Adoption of Modern Agricultural Technology", *Journal of North-East India Council of Social Science Research (JNEUCSSR)*

- Sarap, K. (1990) : "Factors Affecting Small Farmers' Access to Institutional Credit in Rural Orissa, India; *Development and Change*, vol. 21, No.2, pp. 281-307.
- Saravanan, R. (1999) : "A Study on Privatization of Agricultural Extension Service", *M. Sc. (Agriculture Extension) Thesis* (Unpublished). Department of Agriculture Extension, UAS, Bangalore.
- Saravanan, R. (1999) : "Problems and Future of Public Extension Service", *Seminar Report, U.A.S. Bangalore*.
- Saravanan. R. and Shivalinge Gowda, Nrs (2003) : "Agricultural Extension in the 21st Century Challenges and Strategies," in B. S. Hansra, G. Perumal and K. Chandra Kandan (ed) *Modernizing Indian agriculture in 21<sup>st</sup> Century-Challenges, Opportunities and Strategies*, Concept Publishing Company, New Delhi-110059
- Sarma, H. R., Sharma, S. K. and Bhardwaj, S. C. (1986) : "Impact of Lab-to-Land Programme – A Study of Marginal Farms", *Agricultural Situation in India*, XL1(7), pp. 547-550.
- Satyanarayan, T. S. (2001) : "Technology Transfer for Transformation of Rural Areas", *Yojana* Jan, 2001, vol. 45, No.1.
- Satynarayan, T. S. (2001) : "Technology Transfer for Transformation of Rural Areas", *Yojana*, Jan, vol 45 No. 1.
- Schultz, Theodore, W. (1975) : "The value of the Ability to Deal with Disequilibria", *Journal of Economic Literature*, Vol. 8, September pp. 827-846.
- Schultz, Theodore. W., (1964), *Transforming Traditional Agriculture* -Yak University Press, New Haven
- Schultz. T. W. (1964) : *Transforming Traditional Agriculture*, New Haven, Yale Univ. Press, p.139.
- Sen, B. (1974) : "The Green Revolution in India – A Perspective", Wiley Eastern

Pvt. Ltd., New Delhi

Sharan, Girija (1983) ; "Agro-mechanical Technology in Gujrat" *Indian Journal of Agricultural Economics*.

Sharap,. K., and Vashist, D. C. (1994), "Adoption of Modern varieties of rice in Orissa, A farm level analysis", *Ind. In. of Agri Econ.* Vol. 49, No.1, Jan-March.

Sharma Rajanish, Sharma M. L. and Sharma Amita (2001) : "Attitude of Tribal Farmers Towards Adoption of Recommended Modern and Indigenous Technology of Agriculture in Chhattisgarh State", *Journal of Agricultural Issues* 6(2) : pp. 117-119.

Sharma, S. K. and Nair, G. T. (1974), A Multivariable Study of Adoption of HYV Paddy, *I.J.Ex.Ed.*, 10(1-2), pp. 30-35.

Sharma, V. P. (2000) : "Cyber Extension in the Context of Agriculture Extension in India", *Manage Extension Research Review*, vol. 1, No. 1, Jan– June, pp. 24-41

Shergill, H. S. and Gurumali Sing (1995) : "Poverty in Rural Punjab: Trends over Green revolution Decades", *Economic and Political Weekly*, Vol. 30, No. 25.

Shetty, P. K. (2002): "Ecological Implications of Pesticide use in Agro-Eco system in India", [http://www.npsalliance.org/conf2002/pk\\_shetty.pdf](http://www.npsalliance.org/conf2002/pk_shetty.pdf)

Shetty, P. K. (2004) : "Socio-ecological Implications of Pesticides Use in India", *Economic and Political Weekly*, December 4-10, Vol. XXXIX No. 49.

Sing Chhotan and Chand Puran (1991) : "Technological Change and Agricultural Production in Post Green Revolution Belt in India", *Ind. Jn. of Agr. Econ.*, Vol. 46 No. 3, July–Sept.

Sing Karam (1997) "Trends and Determinants of Capital Formation in Indian Agriculture", *Indian Journal of Agri Economics*, vol. 52, No.1.

Sing Karan (2000) : "Education, Technology Adoption and Agricultural Productivity", *Ind. Jn. of Agri. Econ.* Vol. 55 No. 3 July-Sept.

- Sing, B. K., and J. C. Nautiyal (1986) : "An Empirical Estimation of Risk in the application of Chemical Fertilizers in High Yielding Varieties of wheat and paddy in different Regions of Uttar Pradesh", *Ind. Jn. Agri. Econ*, vol. 41 No.2, April-June.
- Sing, D. P. (1972) : "Impact of New Agricultural Technology on Adoption Resources, Development and Investment pattern of Small Farmers in District Kanpur", *M. Sc. (Ag.) Thesis*, W.P. Institute of Agricultural Science, Kanpur.
- Sing, Dr. Surindar (1984) : Technological Transformation in Agriculture of Rajasthan, Ariana Publishing House EG-132, Indenpuri, NewDelhi-110012
- Sing, Jaginder and Grover, D. K., (1991) : "The Impact of Technological Advancement on Inter-regional Disparities in Land use and Farm Incomes in Punjab", *Ind. Jn. of Agri. Econ.* , Vol. 46, No.3, July-Sept.
- Sing, K. (2000), "Education, Technology Adoption and Agricultural Productivity", *Indian Journal of Agricultural Economics*, Vol. 55 No.3, July-Sept.
- Sing, S. P., (1996), "Improved Technology for Agricultural Development in Bihar : New Perspectives, *Yojana*, 1996, vol.40, No.4.
- Singh Dr. Surindar (1984): Technological Transformation in Agriculture of Rajasthan. Ariana Publishing House EG-132 Inderpuri, New Delhi- 110012
- Singh, Baljit, Panna, R. S. and Patel, R. K. (2004) : "Yield and Price Instability and Factors Affecting Acreage Allocation Under Oil Seed Crops in Haryana", *Agricultural Situation in India*, Vol. LX, January, No. 10
- Singh, H. (1978) : "Educational Conditions for Technology for Rural Development", *Technology for Rural Development (ed). S. Radhakrishna and M. M. Singh*, COSTED.11S, Bangalore.
- Singh, L. R., Bhatt, J. R. and Jain, S. L. (1972) : "Socio-Economic Factors and the Adoption of Improved Farm Practices", *Man in India*, Vol. 52, No. 4, Oct-Dec.
- Singh, R. B. and Kumar Praduman (2002) : "Acceleration of Indian Agricultural

- Growth During the Tenth Five Year Plan and Beyond”, *Agricultural Situation in India*, Vol. LIX August, No. 5.
- Singh, R. P. and Singh, R. C. (1973) : “Impact of New Technology on Agricultural Production and Resource Productivity in Eastern U. P.”, *The Indian Journal of Economics*, Vol. LIII, No. 211, April.
- Singh, R. P. and Singh, R. C. (1973) : “Impact of New Technology on Agriculture Production and Resource Productivity in Eastern U. P.”, *The Indian Journal of Economics*, Vol. LIII, No. 1, Dec.
- Singh, S. D. N. (1974) : “A Study of Adoption of Agricultural Innovations”, *The Indian Journal of Social Work (IJSW)*.
- Singh, S. P. (1999) : “Biological Control in India”, *Indian Journal of Plant Protection*, 27(1 and 2)
- Singhal, S. (2000) : “There can be no single Remedy for all Pest Problems”, *Agriculture Today*, August Issue.
- Sinha, S. N. (1964), "Economics of Cropping Pattern in AICC, *Economic Review Vol. XV, Jan, 1964*.
- Sony, R. N. "*Leading Issues in Agricultural Economics*" Shoban Lal Nagin Chand and Co., Jalandhar.
- Stopler, W. F. (1967) : “Discuss of Impact of Technology on Traditional Agriculture: The Peru Case”, *Journal of Farm Economics*, May.
- Sulaiman, V. R. and Sadamate, V. V. (2000) : “Scope of Privatizing Farm Extension : Annual Report (1999-2000)” *NACP, ICAR*, New Delhi.
- Sundaram, D. and Singh (1978) : “Factors Affecting the Knowledge of Adopter and Non-adopter Farms”, *Indian Journal of Extension Education*, 14(1 and 2), pp. 30-33.
- Suraisamy, P. (1988) : “Effects of Education and Extension Contracts on Agricultural Production”, *Ind. Jn. of Agri Econ.*, Vol. 47, No. 2, Jan – June.

- Swanson, B. E. and Clarr, J. B. (1984) : *Agricultural Extension—A Reference Manual, 2<sup>nd</sup> Edition*, PAO, Rome.
- T. Srinivas and M. R. Mukund : “Reaching Tech. to the Farm”, Kurukshetra, Aug 16, 1980
- Thakur, D. S. (1974) : “Foodgrain Marketing Efficiency : A Case Study of Gujarat”, *IJAE*, Vol. 29, No. 4, October—December.
- Thakur, D. S. *et al.* (1997) : “Market Surplus Response and Marketing Problems of Farmers in the Hills”, *IJAE*, Vol. 52, No. 1, Jan – March.
- The Hindu (2002) : “*Suicide by Farmers due to High Interest Loans*”, December 12.
- Thompson, R. J. (1967). The Productivity of British and Danish tarminid. *Journal of Royal statistical Society*, 89 (Part II): p.218
- Tilak, A. (1993): *Education and New Technology in Agriculture; An Issue Paper*,
- Titus, O. O. (1981): “Adoption of Improved Farm Practices”, *Ind. Jn. Ex. Ed.* vol. XVII, No. 1 and 2 June.
- Tiwari, S. C. *et al.*, (1966): “Technological Changes in Agriculture in Punjab,” *IJAE*, vol.21, pp.141-154.
- Tripathi, B. D. (2000) : “Agricultural Extension Personnel in New Millennium—A perspective View”, *Yojana*, July.
- Tyagi, B. N. (1974) : “A Study of the Impact of Green Revolution on the Regional Development of Agriculture in Uttar Pradesh”, *Indian Journal of Agricultural Economics*, Vol. XXIX No. 4, Oct-November.
- Utopoulos, P. A. and Nugent, J. B. (1976) : *Economies of Development: Empirical Investigating*.
- Vaidyanathan, A (1992) : “*Water Resources Management : Institutions and Irrigation Development in India*”, Oxford University press, New Delhi.