
BIBLIOGRAPHY

Naveen Stores

BIBLIOGRAPHY

- Akhoury, N. (1958) "Socio-cultural barriers to rural change in an east Bihar Community". Eastern Anthropologist, 11:212-19.
- Anderson, M.A., Cairns, L.E. and Heady, R.O. (1956) "An appraisal of factors affecting the acceptance and use of fertilizers in Iowa", Ames: Iowa Agric. Exp. Sta. Bul. Rep. 16.
- Awasthi, M.C. (1968) "Relative effectiveness of socio-economic variables in adoption of improved farm practices", M.Sc.(Ag.) Thesis, Govt. Agri. College, Kanpur (Unpubl.).
- Barnett, H.G. (1953) "Innovation: The basis of cultural change", New York, McGraw Hill Company.
- Bartley, S.H. (1958), "Principles of perception, New York: Harper and Brothers, p.22.
- Bauder, W.W. (1960) "Iowa farm operators" and Farm land lords' knowledge of participation in and acceptance of the oldage and survivors in-surance programme", Ames: Iowa, Agric. Home Eco. Expt. Stat. Res. Bull. 479.
- Beal, G.M., Rogers, E.M. and Bohlen, S.N. (1957) "Validity of the concepts of stage in the adoption process", Rural Social, 22:166-188.
- Bertrand, A.L. (1958) "Rural Sociology: New York, London MacGraw Hill Book Company Inc.
- _____ and Hitt, H.L. (1949) "Radio habits in Rural Louisiana. Baton Rouge Louisiana", Agric., Exp. Sta. Bull. 440.

- Bhanra (1966) "Farm family influence in decision making".
Review of Research in Ext. Edu. p. 365.
- Bitner, R., and Nielson, J. (1958) "Farm practice adoption in Michigan, East Lansing", Michigan Agric. Expt. Sta. Bull. 263.
- Bose, S.P. (1961) "Characteristics of farmers who adopt agricultural practices in Indian villages", Rural Sociol. 26:138-45.
- _____ (1962) "Peasant values and innovation in India", Amer. J. Sociol., 67:552-60.
- _____ and Dasgupta, S. (1962) "The adoption process" Socio. Agr. Econ. Res. Organ. Ext. Bull. 1., Dept. Agric. Govt. West Bengal, India.
- _____ and Das, S.P. (1963) "Beyond the economic frontier", Cult. Res. Inst., Bull. 1:20-23.
- Brandner, L. and Straus, M.A. (1959) "Congruence versus profitability in the diffusion of hybrid sorghum". Rural Sociol., 24:381-83.
- Census of India (1961) "Govt. of India (Part 1-A, ch.11):5
- Champawat, J.S. and Intodia, S.L. (1970) "Sources of information at the various stages of adoption of weedicides", Indian J. of Ext. Edu. Vol. VI Nos. 1 and 2, 116-118.
- Chattopadhyay, S.N. (1963) "A study of some psychological correlates of adoption of innovations in farming", Ph.D. Thesis, I.A.R.I., New Delhi.

- Chattopadhyay, S.N., and Pareek, Udai (1964) "Multipractice adoption Behaviour of farmers in a village of North India", Indian Acad.J. of Applied Psychology 86-92.
-
- _____ (1967) "Prediction of multipractice adoption behaviour from some psychological variables", Rural Sociol. 32:351.
- Chaudhari, B.L. (1957) "Four years in an Indian villages", Kurukshetra; 5:7-11.
- Chaudhari, T.P.S., Chaudhary, S.L. and Sharma, B.M. (1965) "Farmers' perception of constraints influencing choice of crops and adoption of recommended practices", Agril. Situation in India, Oct., 1965.
- Chaudhary, K.P. (1967) "Farmers response to farm planning programs in an I.A.D.P. Block", Proceedings of Res. Foundation Bull., B.A.C., Sabour, Vol. 8 and 9. 119-122.
- Chauhan, B.P. (1970) "Adoption of hybrid maize in Kalyanpur Block, Distt. Kanpur", M.Sc.(Ag.) Thesis. Govt. Agril. College, Kanpur (Unpub.).
- Coleman, A.L. (1951) "Differential contact with extension workers in a New York rural community", Rural Sociology, 16:207-16.
- Copp, J.H. (1956) "Personal and social factors associated with adoption of recommended farm practices among cattlemen", Manhattan: Kansas Agric. Res. Exp. Sta. Bull. 83.
-
- _____ (1958) "Towards generalisation in farm practices research", Rural Sociol., 23: 103-11.

- Copp, J.H., Sill, M.A. and Brown, R.J. (1958) "Function of information sources in the farm practice adoption process", Rural Sociol. 23:146-57.
- _____ (1957) " Personal and social factors associated with adoption of recommended farm practices among cattlemen", Rural Sociol., 22:93-94.
- Dabema, O.P. (1958) " Extension and Rural Welfare", Lashkar (M.P.): Pub. A.K.Dhama.
- Das Gupta, S. (1963a) " Innovation and innovators in Indian villages", Man in India: 43:27-34.
- _____ (1963b) " The innovators". Calcutta. Sociol. Agr. Econ. Res. Organ. Res. Bull. 1, Dept. Agric. Govt. West Bengal.
- Das, K.K. and Sarkar, D.R. (1970) " A study on economic motivation and adoption of farming practices," Indian J. of Ext. Edu., Vol. VI, Nos. 1 and 2:103-107.
- Day, S.K. (1961) " Community Development and the package programme. Intensive agric. dist. programme conference report of the Second Central Training Course for key personnel", New Delhi, Directorate of Ext., Ministry of Food and Agric. Govt. of India.
- Dhalival, A.J.S. and Sohal, T.S. (1965) " A study on extension contacts in relation to adoption of agricultural practices and socio-economic status of farmers", Indian J. of Ext. Edu., Vol. 1:58-62.
- Dhital, B.P. (1963) " Impact of industrialisation on rural economy in Kanjhawala Block", M.Sc.(Ag.) Thesis (Unpub.), Division of Agril. Eco., I.A.R.I., New Delhi.

- Dabey, S.C. (1958) "India's Changing Village" Human factor in C.D.London: Routledge and Kegan Paul Ltd.
- Dabey, U.D. (1968) "Scope of plant protection measures in Kshetra samiti Pipraich, Distt. Gorakhpur," M.Sc. (Ag.) Thesis, Govt. Agril. College, Kanpur (unpub.).
- Duncan, J.A., and Kreitlow, B.W. (1954) "Selected cultural characteristics and the acceptance of educational programmes and practices", Rural Sociol., 19:349-57.
- Edwards, A.L. (1957) "Techniques of attitude scale construction" New York, Appletton-Century Crafts Inc.
- Emery, F.E. and Oeser, O.A. (1958) "Information decision and action" Victoria, Melb. Univ. Press.
- Bramus, C.J. (1961) "Man takes a control" Cultural Development and American Aid, Minneapolis; Univ. Minnesota Press. Extension service WABI Radio study (1948). Bangor, Maine Univ. Maine and Div. field studies and train. USDA Co-operating (C.P. Chattopadhyay thesis).
- Fisher, R.A. (1958) "Statistical methods for research workers". 11th ed. London: Olives and Boyd.
- Fliegel, P.C. (1957) "Farm income and the adoption of farm practices", Rural Sociol., 22:159-62.
- _____ (1959) "Aspirations of low income farmers and their performance and potential for change", Rural Sociol., 24:205-14.
- _____ (1960) "Obstacle to change for the low income farmer", Rural Sociol., 25:347-51.

Fliegel, P.C. and Kivlin, J.E. (1962) "Differences among improved farm practices as related to rate of adoption", Univ. park, Pennsylvania Agric. Exp. Sta. Res. Bull. 691.

_____ (1962) "Farm practices attributes and adoption rates", Social Forces, 40:364-70.

_____ (1966) "Farmers' perception of Farm Practices", Rural Sociol.; 31:197-206.

_____ and Sekhon, G.S. (1968) "A cross sectional comparison of farmers' perceptions of new practices", Rural Sociol.; 33:437-49.

Fliegel, P.L. (1956) "A multiple correlation analysis of factors associated with adoption of farm practices", Rural Sociol., 21:284-92.

_____ (1952) "Traditionalism in the farm families and and technological change", Rural Sociol., 27:70.

Freeman, C. (1961) "Economic status and adoption of new agril. and home practices. A study of three village", in R.N. Saxena ed. Sociology, Social Research and Social Problems in India, Bombay: Asia Pub. House.

Gaikwad, V.R. (1970) "A study on trends of change in eight Indian villages", Behavioural Sciences and C. D.; 4:92-127.

Gaikwad, V.R. and Verma, G.L. (1968) "Extent of peoples involvement in C.D. programme", Behavioural Science and C.D. 2:143:153.

Garrelt, H.N. (1961) "Statistics in psychology in Education", India ed. Bombay: Allied Pacific Pvt. Ltd.

- Gibson, D.L. (1944) "The orientale of the Agril. Ext. Service", Michl. Agric. Exp. Sta. Quant. Bull. 25:24(4).
- Graham, S. (1956) "Class and Conservation in the adoption of innovation", Human Relations; 9:91-100.
- Grewal (1965) "Differential characteristics of adopters of various levels", Review of Research in Ext. Edu., p. 364.
- Griliches, Z. (1957) "Hybrid corn; An exploration in the economics of technological change", Econometrica; 25:501-22.
- _____ (1960) "Congruence versus profitability. A false dichotomy", Rural Sociol. 25:354-56.
- Gross, W.C. (1942) "The diffusion of cultural trait in two Iowa Township", M. So. Thesis Ames, Iowa State College.
- _____ and Taves, M.J. (1952) "Characteristics associated with acceptance of recommended farm practices", Rural Sociol., 17:321-27.
- Guilford, J.P. (1950) "Fundamental statistics in psychology and education", (Ind ed.) New York. McGraw Hill Book Company.
- _____ (1954) "Psychometric Methods". McGraw Hill Book Company inc., New York, Toronto, London, p.160.
- Gupta, R. S. (1968) "Analysis of adoption of package of practices in Mexican wheat, Block Kalyanpur, Kanpur". M. So. (Ag.) Thesis, Govt. Agri. College, Kanpur (Unpub.).

Gurucharan, S., Basran and Harold, R. Capender (1968) "Factors related to the acceptance of new ideas and techniques in farming; Punjab, India", Indian J. of Ext. Edu., 4, Nos. 1 and 2, p.29.

Hassinger, E. (1959) "Stages in the adoption process", Rural Sociol., 24:52-53.

Havens, A. E. (1962) "A review of factors related to innovativeness, Columbus", Ohio, Agric. Expt. Sta. Misc. Bull. A. E., 329.

_____ (1965) "Increasing effectiveness of predicting innovativeness", Rural Sociol., 30:150-65.

_____ and Rogers, E.M. (1961) " Adoption of hybrid corn: Profitability and the interaction effect," Rural Sociol., 26: 409-14.

Hawley, F. (1946) " The role of the Pueblo social organisation", Amer. Anthropologist, 48:407-15.

Hess, C.V. and Miller, L.F. (1954) " Some personal, economic and sociological factors influencing dairymen's action and success", Univ. Park Penn. Exp. Sta. Bull. 577.

Hoffer, C.R. (1942) " Acceptance of approved farm practices among the farmers of Dutch descent", East Lansing: Mich. Agric. Exp. Sta. Spl. Bull. 331.

_____ (1948) " Social organisation in relation to extension service in Eastern country, Michigan", East Lansing: Mich. Agric. Exp. Sta. Spl. Bull. 338.

Hoffer, C.R. and Gibson, D.L. (1941) " The community situation as it affects agricultural extension work", East Lansing: Mich. Agric. Exp. Sta. Spl. Bull. 312.

Hoffer, C.F. and Stagland, D. (1958a) " Farmers' reactions to new practices", East Lansing: Michi. Agric. Exp. Sta. Tech. Bull. 264.

(1959) " Farmers' attitudes and values in relation to adoption of approved practices in corn growing", Rural Sociol. 28:112-20.

Hruschka, E. (1961) " Unpublished data, stall-gart-Hohenheim Germany, Institute for Landwirtschaftlichen Hochschule, (c.f. Rogers, 1962).

Hussain, Safiq (1964) " A critical study on demonstration as communication media in adoption of improved technology of farming in C.D. Block Ajitmal, Etawah", M. So. (Ag.) Thesis, Govt. Agri. College, Kanpur (Unpub.).

Indian Institute of Management, Ahmedabad (1967) " Studies on high yielding varieties", Vol. I, II, III and IV, Mimeographed.

Jain, N.C. (1965) " A study of relative effectiveness of ext. methods in adoption of improved agril. practices", M. So. (Ag.) Thesis, Govt. Agri. College, Kanpur (Unpub.).

Jai Ram (1965) " Characteristics and reactions of the farmers in adoption of soil conservation practices in Development Block, Bhagyanagar, Distt. Etawah", M. So. (Ag.) Thesis, Govt. Agri. College, Kanpur (Unpub.)

Jaiswal, N.K. (1965) " A study of factors associated with level of adoption of improved agricultural practices," Review of Res. in Ext. Edu. pp. 323.

Jaiswal, N.K. (1965) * A study of factors associated with low level of adoption of improved farm practices," Ph.D.Thesis, Submitted to I.A.R.I., New Delhi.

and Roy, N.K. (1968) "Farmers' perception of characteristics of Agricultural innovation in relation to adoption," Proceedings of Res. Foundation; 10:75-86.

and Singh, N.P. (1968) * Farmers' response to innovation in farming"; A study in two Bihar villages", J.of Agril.Res.Bhagalpur Univ.; 1(1): 36-46.

Jha, G.C. (1967) * A study of farmers characteristics in the adoption, non-adoption and reversion of improved seeds and fertilisers in C. D. Block, Gayaghat, Musaffarnagar", M.Sc.(Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.).

Johnston, T.R. and Busche, L.M. (1942) " Reading and listening habit of farm folks in eleven North-Eastern Indian Countries", Lafayette: Purdue Univ. Ext. studies. Circ. 7.

Joon, B.S. and Singh, J (1969) * High yielding varieties accepted by farmers," Kurukshetra; 18:No.3, 26.

and Rana, O.P. (1970) * Response of the farmers towards the high yielding varieties," Indian J.of Ext. Edu.; 6:(3 & 4):58-62.

Joseph, E.Kivlin and Frederick, C. Fliegel (1967) "Differential perceptions of innovations and rate of adoption," Rural Sociol.; 32:85-91.

- Kahlon, A.S. and Kaushal, M.P. (1967) "Adoption of improved agricultural practices in the plains of Punjab," pp. 11-17.
- Katiyar, R.R. (1968) "A study on the role of economic status, Age, education and size of holding in relation to adoption of improved agricultural practices in C. D. Block Amrausha, Kanpur," M.Sc.(Ag.) Thesis, Govt. Agricultural College, Kanpur (Unpub.).
- Katz, E. (1961) "The social itinerary of technical change;" Two studies on the diffusion of innovation," Hum. Organ., 20:70-82.
- Kaufman, H. F. (1949) Participation in organised activities in selected: Kentucky Agric. Exp. Sta. Bull. 528.
- Kelkar, M.G. and Sohoni, A.W. (1965) "Role of farm practices-Attributes in adoption of improved agricultural practices," Indian J. Ext. Edu.; 1(3):223-30.
- Khan, A.W. (1965) "A study of pattern of communication in diffusion and adoption of innovations in development block-Semaryawan, Basti," M.Sc.(Ag.) Thesis, Govt. Agri. College, Kanpur (Unpub.).
- Kivlin, J.E. (1960) "Characteristics of farm practices associated with rate of adoption; Ph.D. Thesis Univ. Park Pennsylvania State Univ.
- _____ and Fliegel, F.C. (1967) "Differential perceptions of innovations and rate of adoption; Rural Sociol. ; 32:78-91.
- _____ (1966) "Attributes of innovation as factors in diffusion," Amer. J. of Sociol., 72:3, pp.255.

- Kivlin, J. E. and Fliegel, F. C. (1968) " Orientations to agriculture: A factor analysis of farmer's perceptions of new practices," Rural Sociol.; Rural Social; 33:127-40.
- Kumar, A. (1968) " Decision makin in relation to hybrid maize cultivation in an Action project of Agriculture College, Kanpur," Kanpur M. Sc. (Ag.) Thesis, Govt. Agri. College, Kanpur (Unpub.).
- Kuppuswamy, B. (1961) " An introduction to social psychology" Bombay: Asia pub. House.
- Laharia, S. N. (1964) "A critical study of group meetings as an ext. teaching methods in agril. Development programme in C. D. Block Kalyanpur, Kanpur", M. Sc. (Ag.) Thesis, Govt. Agri. College, Kanpur (Unpub.).
- Lakshmana, C. and Satyanarayana, M. (1967) " Source of information in the adoption of improved agril. practices", Indian J. of Ext. Edu.; 3:122.
- Lindstrom, O. E. (1958) "Diffusion of Agril. and home economics practices in a Japanese rural Community", Rural Social; 23:171-83.
- Linton, R. (1936) " The study of man, N.Y. Appleton Century Crafts" 337-38.
- Lionberger, H. P. (1951) " Sources and use of farm and home information by low income farmers in Missouri Columbia", Missouri Agric. Exp. Sta. Res. Bull. 472.

Lionberger, H.F. (1952) " The diffusion of farm and home information as an area of sociological research," Rural Sociology; 17:132-40.

_____ (1953) " Some characteristics of farm operators sought as source of farm information in a Missouri Community", Rural Social; 18: 327-38.

_____ (1955) "Information selecting habits and characteristics of farm operators", Columbia; Missouri Agric. Expt. Sta. Bull. 581.

_____ (1960) "Adoption of new ideas and practices" Ames, Iowa State Univ. Press.

Mansfield, E. (1961) " Technical change and the role of limitations", Econometrica, 29:741-66.

Marsh, C.P. and Coleman, A.L. (1954a) "Farmer's practice adoption rates in relation to adoption rates of leaders", Rural Social; 19:181-82.

_____, _____, _____ (1954b) " Communication and adoption of recommended farm practices," Lexington: Kentucky Exp. Sta. Prog. Rep. 22.

_____, _____, _____ (1954c) " The relation of neighbourhood of residence to adoption of recommended farm practices," Rural Social; 19: 385-89.

_____, _____, _____ (1955) " The relation of farmer's characteristics to the adoption of recommended farm practices," Rural Social, 20: 289-96.

- Menjel, H. (1960a) "Innovation, integration and marginality: A survey of physicians", Amer. Sociol. Rev., 25:704-1
- Moni, U.S. and Sohal, T.S. (1971) "Relative contribution of characteristics of agricultural innovations on their adoption". Proceedings of All India symposium on socio-economic implications of Agricultural Development held at Kanpur.
- Moulik, T.K. (1965) "A study of the predictive values of some factors of adoption of nitrogenous fertiliser and the influence of sources of information on adoption behaviour", Review of Res. in Ext. Edu. p.321.
- Mulay, S. and Roy, R.N. (1968) "Characteristics of improved farm practices as related to adoption", Indian J. of Ext. Edu.; 4 (1 & 2):40-48.
- Narayana, J.P. (1965) "Farm attitude and beliefs in relation to adoption of improved agricultural practices", Res. Foundation Bull., B.A.C., Sabour; 7:54-56.
- Nichols, A.J. (1953) "German community centres: A case study", Washington, U.S.D.A. Pub.
- _____ (1954) "The genesis and development of balanced farming in Washington", D.C., Agri. Ext. Serv. U.S.D.A., 21:22.
- Niederfrank, N.J., Collings, M.S., and Hill, K.A. (1948) "The Lubbock country study: An evaluation of the effectiveness of extension work in Lubbock country Texas", Texas College Sta. Agric. Exp. Serv. Bull.
- Nielson, J. and Bittner, R. (1958) "Farm practice adoption in Michigan", East Lansing: Michi-Agric. Exp. Sta. Tech. Bull. 263.

- Nigam, R.K. (1967) " A study on socio-economic factors in relation to the acceptance of innovations in 'Gaon Ki Oar' movement, launched by College Extension Wing", M.Sc.(Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.).
- Ninkoff, M.F. (1952) "A hand Book of Sociology", Routledge and Kegan Paul Ltd., London.
- North Central Rural Sociological Committee (1955). Bibliography and research on social factors in the adoption of farm practices. North Central regional Pub. No. 1.
- Ogburn, W.F. (1922) " Social Change", N.Y., Hualach Oppenfeld, H. and Librero, P. (1962) "Results of a study of adoption of better farm practices in the Phillipines", Ind. J. Agric. Econ., 17:23-32.
- Pandit, S. (1962) " A study of the role of the age, education and size of farm in relation to adoption of improved agricultural practices", M.Sc.(Ag..) Thesis, Postgraduate Deptt. of Agril. Ext. Bhagalpur Univ.; 142-152.
- _____ (1964) " A study of the role of age, education and size of farm in relation to adoption of improved agricultural practices", Res. Foundation Bull., B.A.C., Sabour; 6:69-70.
- Pandey, B.B. (1966) "Public opinion and C.D. programmes in Block Kalyanpur, Kanpur", M.Sc.(Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.).
- Panse, V.G. and Sukhatme, V.P. (1957) "Statistical methods of Agril. workers", New Delhi, I.C.A.R.

- Pareek, Udal and Chattopadhyay, S.N. (1966) "Adoption Quotient- a measure of multipractice adoption behaviour", Journal of Applied Behavioural Science; 95-108.
-
- _____ (1964) " A projective technique to measure change proneness of farmers", Psychologia, 7:22-28.
-
- _____ and Trivedi, G. (1965) " Factors analysis of socio-economic status of farmers' in India", Rural Sociol.: 30:311-21.
- Patel, N.M. (1965) "A study of small farmers and their problems as related to agriculture", Review of Res. in Ext. Edu. p. 326.
- Patel, P.M. (1967) " Differential characteristics of the adopters and non-adopters of farm planning and factors and problems associated with adoption", Review of Res. in Ext. Edu. p. 326.
-
- _____ and Singh, K.N. (1970) "Differential characteristics of adopters and non-adopters of farm planning", Indian J. of Ext. Edu. 6:96-102.
- Perish, R. (1954) " Innovation and enterprize in wheat farming", Rev. marketing Agri. Econ.; 22: 189-218.
- Penderson, H. A. (1951) " Cultural differences in the acceptance of recommended practices", Rural Sociol.; 16:37-49.
- Power (1965) " Extent of adoption of wheat practices", Review of Res. in Ext. Edu. 364.

- Prasad, S. (1967) " Study of socio-economic of technical changes in Sona village in 'Gaon Ki Oar'movement launched by College Extension Wing", M.Sc.(Ag.) Thesis, Govt. Agri. College, Kanpur (Unpub.).
- Prundeanu, J. and Ziverman, P.J. (1958) " An evaluation of some economic factors and farmers' attitudes that may influence acceptance of soil conservation practices", J. Farm-Econ.; 40:903-14.
- Rahim, S.A. (1961) " The diffusion and adoption of agricultural practices", A study in a village of East Pakistan; Comilla, Pakistan Acad. Vill. Dev.
- Rahudkar, W.B. (1962) " Relationship of certain factors to the success of V.L.Ws", Rural Sociol.; 27:418.
- Ramsey, C.E., Palseon, R.A. and Spencer, G.R. (1959) " Values and the adoption of the practices", Rural Sociol. 24:35-47.
- Rao, C.S.S. and Mouluk, T.K. (1966) " Influence of source of information on adoption of nitrogenous fertiliser" Ind. J. of Ext. Edu. 2(1 & 2):7.
- Ray, G.L. (1967) " A study of some agricultural and sociological factors as related to high and low levels of urbanisation of farmers", Review of Res. in Ext. Edu. 325.
- Rogers, E.M. (1957) " Personality correlations of the adoption of technological practices", Rural sociol. 22:267-68.
- _____ (1958) " A conceptual variable analysis of technological change", Rural Sociol. 73:136-45.

Rogers, R.M. (1960) "Social change in Rural Society"
New York, Appleton Century Crofts Inc.; 397-422.

_____ (1961a) " The adoption period", Rural Sociol;
26:77-82.

_____ (1961b) "Characteristics of the agricultural
innovations and other adopter categories,"
Wooster, Ohio", Agric. Exp. Sta. Res. Bull. 882.

_____ (1962) "Diffusion of innovation" New York
The Free Press of Glencoe.

Rogers, R.M. and Beal, G.M. (1958) " The importance of
personal influence in the adoption of
technological change", Social Forces; 36:329-35.

_____ and Burdge, R.J. (1962) " Community norms opinion,
leadership and innovativeness among true growers",
Wooster: Ohio Agric. Exp. Sta. Res. Bull. 912.

_____ and Naven, A.E. (1961) " The impact of demonstration
on farmers attitude towards fertiliser", Wooster;
Ohio Agric. Exp. Sta. Res. Bull. 896.

_____ (1962) "Predicting innovativeness", Social
Inquiry; 32(1): 34-42.

Roy, N.K. and Jaiswal, N.K. (1969) " Characteristics of Agricul-
tural innovations as perceived by farmers,
extension workers and research workers", Manas- the
J. of Scientific psychology, Delhi.

Roy, P. Fliegel, P.C., Kivlin, J.R. and Sen, L.K. (1968) " Agri-
cultural innovations among Indian farmers, NICD
Report Hyderabad: 2-3.

- Roy, R.N. (1959) " Study of the causes of success and failure of improved farm practices in and East Bihar village", M.Sc.(Ag.) Thesis, Bihar Agric.College, Sabour.
- Ryan, B. (1942) " Social and Ecological patterns in the farm leadership of four Iowa townships", Ames: Iowa Agric. Exp. Sta. Bull. 306.
- _____ (1948) " A study in technological diffusion", Rural Sociol., 13:273-85.
- _____ and Gross, N.C. (1943) " The diffusion of hybrid seed corn in two Iowa Communities", Rural Sociol., 8:15-24.
- _____ (1950) " Acceptance and diffusion of hybrid corn seed in two Iowa Communities", Ames: Iowa Agric. Exp. Sta. Res. Bull. 372.
- Salvi, P.V. and Pawar, M. . (1966) "Farm practices attributes in relation to adoption", Ind.J.of Ext.Edu.; 2(3-4):143.
- Sankatha Ram (1965) " A study of relative effectiveness of extension teaching methods in relation to age, education and size of holding of farmers in Development Block Jahabarpur, Asamgarh", M.Sc.(Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.)
- Santopolo, P.A. (1961) " Personal communication: Lexington Univ. of Kentucky.

- Saxena, M.P. (1963) " A study of factors associated with adoption of improved farm practices (Improved seeds and fertilisers) in the pilot development Block, Ajitmal, Etawah", M.Sc.(Ag.) Thesis, Govt. Agril.College,Kanpur (Unpub.).
- Schuler, R.A. (1943) " Survey of radio listeners in Louisiana for the general extension Division", Baton-Rouge: Louisiana State Univ.
- Sen, L.K. and Roy, P. (1966), "Awareness of C.D. in villages of India", Preliminary report, NICD report table 18: 46.
- Shah, G.H. (1958) " Problems of small farmers- An enquiry into the problems of low income farmers in Kodina Taluka", Esplanade Mansion, Mahatma Gandhi Road, Bombay-1, Ind. Society Agric.Econ. Rep. 87.
- _____ (1968) "Agricultural innovations in Indian villages and of two other allied reports by Roy and others", Ind.J.of Agril. Econ.; 32 (3): 77-78.
- Shankariah, Ch. (1965) " A study on differential characteristics of vegetable growers and non-growers and factors associated with adoption of improved practices of vegetable cultivation", Review of Res. in Ext.Edu.; 321.
- Shri Ballabh (1964) " A study of factors affecting adoption of improved implements in Development Block, Ajitmal, Etawah", M.Sc.(Ag.) Thesis, Govt. Agril. College,Kanpur (Unpub.).

- Singh, A. (1965) " Study of farmers characteristics associated with the adoption and diffusion of improved farm practices in C. D. Block Charthwal, Distt. Musaffarnagar", M. Sc. (Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.).
- Singh, C. B. (1965) " A study on role of education, age, size of holding and caste on adoption of improved agricultural practices in Development Block Padrauna, Deoria", M. Sc. (Ag.) Thesis, Govt. Agric. College, Kanpur (Unpub.).
- Singh, B. N. and Jha, P. N. (1965) " Sources of farm information", Ind. J. of Ext. Edu.; 1(1): 34-42.
- Singh, D. N. (1963) " A study of factors associated with adoption of improved agril. implements in C. D. Block, Kalyanpur, Kanpur", M. Sc. (Ag.) Thesis, Govt. Agric. College, Kanpur (Unpub.).
- Singh, D. (1968) " Effect of socio-economic variables on the acceptance of farm practices in C. D. Block Kalyanpur, Kanpur. M. Sc. (Ag.) Thesis. Govt. Agril. College, Kanpur (Unpub.).
- Singh, Jagdish (1968) " A study on pattern of communication in diffusion and adoption of high yielding varieties programme in 'Uaon Ki Oar' movement launched by College Extension Wing. M. Sc. (Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.).
- Singh, K. N. and Sinha, P. R. R. (1970) " A study on farmers' characteristics and the patterns of decision making process in the use of artificial fertilizers and vegetables' cultivation", Ind. J. of Ext. Edu. 6(1 & 2): 34-42.

- Singh, L.B. and Sahay, B.N. (1970) " Communication behaviour of Kosi farmers in relation to high yielding varieties programme", Ind. J. of Ext. Edu. 6(3 & 4):20-31.
- Singh, M.(1964) " A study of production and utilisation of local manurial resources in C. D. Block Rampur Maniharan, Saharanpur, U. P. ", M.Sc.(Ag.) Thesis Govt. Agril. College, Kanpur (Unpub.).
- Singh, N.N. (1966) "Selected factors affecting innovativeness of farmers", Review of Ext. Res. B.A.O., Sahar. 6: 14-17.
- Singh, R.D. (1952) " An introduction of green manuring in rural India", E.H. Spicer (ed.) Human factors in technological change, New York. Russel Sage foundation.
- Singh, R.I. and Dikshit, S.K. (1966) " Role of large scale demonstration in the adoption of innovation in an Action Project", Ind. J. of Ext. Edu., 2 (3 & 4):166-73.
- Singh, N.N. (1968) " Characteristics of improved farm practices associated with innovativeness in C. D. Block Belghat, Gorakhpur", M.Sc.(Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.).
- Singh, R.P. and Singh, K.N. (1968) "A study on attitude of farm people towards chemical fertilisers", Ind. J. of Ext. Edu.; 4:49-54.
- Singh, S.K. (1962) " Study of communication and diffusion process contributing to the adoption of improved

farm practices. M.Sc.(Ag.) Thesis, Postgraduate deptt. of Agril.Ext., Bhagalpur Uni.p.86.

- Singh, S.N. and Singh, K.M. (1970) " A multivariate analysis of adoption behaviour of farmers", Ind.J. of Ext.Edu., 6(3 & 4):39-45.
- Singh, Y.P. (1960) " Peoples response to soil conservation in two Damodar Valley villages", M.Sc. Thesis, Bihar Agric.College, Sabour.
- Sinha, P.R.R. and Parshad, R. (1966) " Sources of information as related to adoption process of some improved farm practices", Ind.J.of Ext.Edu. 2(1 & 2):86
- Sinn, I.M. (1931) "Circular letter, an analysis of their use by extension workers", Washington D.C. Ext. Cir. 151 U.S.D.A.
- Smith, C.B. and Wilson, M.C. (1930) "Agricultural Extension system, New York. John Wiley and Sons, Inc.
- Sohoni, A.W. (1963) " Farm practices attributes as associated with adoption and non-adoption of practices". M.Sc.(Ag.) Thesis, Nagpur Univ.
- Stagland, D. and Hoffer, C.R. (1958 a) " Farmers reactions to new practices, "East Lansing; Michi. Agric. Exp.Sta.Tech.Bull. 264.
- Steel, G.D.R. and Torrie, J.H. (1960) " Principles and procedures of statistics ", New York. McGraw Hill Company Inc:294-300.

Straus, M.A. (1960) " Family role differentiation and technological change in farming. Rural Sociol. 25:219-28.

_____ and Estep, A.J. (1959) "Education for technological change among Wisconsin farmers", Madison: Wisconsin Agric. Exp. Sta. Tech. Bull. 214.

Sub-Committee for the study of the diffusion of farm practices (1955) " How farm people accept new ideas", North Central Regional Pub.No.1 Ames; Iowa Agric. Ext. Serv.

Supe, S.V. (1968) " A study on factors related to different degrees of rationality in decision making process among farmers", Review of Res. in Ext. Edu.

Tiwari, A.N. (1964) " A study of characteristics of adoption of improved agricultural practices in C.D. Block Kalyanpur, Kanpur", M.Sc.(Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.).

Tiwari, K.P. (1959) " Factors affecting fertiliser use" Sehore: M.P. Rafi Ahmad Kidwai Agril. Institute.

Tiwari, S.N. (1967) "Characteristics of improved agricultural practices associated with the rate of adoption in C.D. Block, Kalyanpur, Kanpur", M.Sc.(Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.).

Tripathi, P.N. (1966) " A study of the extent of adoption of use of fertilizers and factors associated with their adoption in Development Block Amraudha, Kanpur", M.Sc.(Ag.) Thesis, Govt. Agril. College, Kanpur, (Unpub.).

Tripathi, S.L. (1963) " A study of factors associated with the adoption of improved agricultural practices (Japanese method of paddy cultivation and U.P. method of wheat cultivation) in Block Kalyanpur, Kanpur", M.Sc.(Ag.) Thesis, Govt. Agril. College, Kanpur (Unpub.).

and Tripathi, J.N. (1969) " Effectiveness of extension teaching method", Rural India; 32:214.

Trivedi, G. (1963) " Measurement of socio-economic status of rural families of Kanjhawala block, Delhi territory", Ph.D. Thesis, I.A.R.I., New Delhi.

‡ Pareek, U. (1964) Socio-economic status scale (rural), Delhi, Mansayan.

Trucker, C.F. (1961) " Prediction of rate of adoption from characteristics of farm innovations", M.Sc.(Ag.) Thesis Columbus, Ohio State Univ.

U.S. D. A. Bu. Agric. Econ. (1946) " Attitudes of rural people towards radio service. A nationwide survey of farm and small town people", Washington, D.C. U. S. D. A.

(1947) " The extension service in Vermont", Minco. Bull. Washington D. C.

Vanden Ban, A. W. (1957b) " Some characteristics of progressive farmers in the Netherland", Rural Sociol.; 22:205-12.

(1960b) "Locality group differences in the adoption of new farm practices", Rural Sociol.; 25:307-20.

- Verma, O.S. (1964) " A study of factors affecting the adoption of improved seeds in C. D. Block Musaffarnagar, Distt. Musaffarnagar", M.Sc. (Ag.) Thesis, Govt. Agric. College, Kanpur (Unpub.).
- _____ (1970) " Socio-psychological correlates influencing interpersonal communication among the farming community", Ph. D. Thesis, submitted to I.A.R.I., New Delhi.
- Wert, J.E., Neidt, C.O. and Ahmann, J.S. (1954) " Statistical research", New York. Appleton Century-Crofts, Inc.
- Wilhelm, L.A. (1943) " A report on the second poultry school of the air", Lafayette, Indiana: Purdue Univ.
- Wilkering, E.A. (1950a) " Sources of information for improved farm practices", Rural Sociol.; 15: 19-30.
- _____ (1950b) " A socio-psychological approach to the study of the acceptance of innovations in farming ", Rural Sociol.; 15: 552-64.
- _____ (1952a) " Informal leaders and innovators in farm practices", Rural Sociol.; 17: 272-75.
- _____ (1952b) " Acceptance of improved farm practices in three coastal plain countries", Raleigh, North Carolina Agric. Exp. Sta. Tech. Bull. 98.
- _____ (1953) " Adoption of improved farm practices as related to farming factors", Madison Wisconsin Agric. Exp. Sta. Res. Bull. 183.

- Wilkering, E.A. (1958) " An introductory note on the social aspects of practice adoption", Rural Sociol 23:97-102.
- _____ (1960) " The socio-psychological approach to the study of acceptance of innovation in farming", Rural Sociol. 15:362-64.
- _____ and Johnson, D. (1961) " Goals in farm decision making as related to practice adoption", Madison:Wisconsin Agric. Exp. Sta. Res. Bull. 225.
- _____, Tully, J. and Presser, H. (1962) " Communication and acceptance among dairy farmers of Northern Victoria", Rural Sociol. 27:116-97.
- Wilson, M.C. (1927) " Influence of bulletins, news stories and circular letters upon farm practice adoption with particular reference to methods of bulletin distribution", Washington, D.C.:USDA Ext. Serv. Circ. 57.
- _____ (1928) "Distribution of bulletins and their use by farmers," Washington D.C.: USDA, Ext. Serv. Circ. 78 (processed).
- _____ (1929) " Extension methods and their relative effectiveness", Washington D.C. U.S.D.A. Tech. Bull. 106.
- Wilson, M.C. and Jaccords, C.R. (1931) " Results of the five years wheat belts extension programme", U.S. Ext. Serv. Circ. 163:2-6.

Yadav, I. D. Ram (1964) " A study of factors affecting the adoption of improved seeds in C. D. Block - Musaffarnagar, Distt. Musaffarnagar", M. So. (Ag.) Thesis, Govt. Agri. College, Kanpur (Unpub.).

Yeracaris, C. A. (1961) Social factors associated with the acceptance of medical innovation-paper presented at the American Sociological Association St. Lewis (c.f. Rogers, 1962).