CONTENT

CHAPTER-ONE: Agriculture economy of Uttar Pradesh

Climate and rainfall (3), Population and occupational distribution (4), Natural resources (7), Economic zones (10), Growth profile of the economy of Uttar Pradesh (21), Irrigation (22), Fertilizer consumption (23), Productivity and cropping intensity (24), Population (25), Working force (26), Education (26), Farm economics (27), Review and findings in regards to farm production (30), Hypothesis to be tested (44), Methodology (44), Collection of data (48), Arrangement of the thesis (49).

CHAPTER-TWO: The area under study

Physiography (52), Area (54), Rivers (55), Population (55), Land utilization (59), Irrigation (63), Agricultural production (63), The sampled villages (69), Panchayat (78), Other facilities and organization (78), Distribution of farm household by categories (80), Land utilization in sample villages (83), Irrigation (88),
Area under various crops (88),
Sample farm household (91), cost
distribution (96), Size and type of
family (98), Literacy (99), Occupation (100),
Family workers on sample farms (105),
Participation of sample household in
rural institutions (106).

CHAPTER THREE: Land use, fragmentation, Tenure status
and cropping pattern in sample household

Size of holding (109), Meaning of
operational holding (109), Ownership
holding (110), Land operated (111),
Operator or holder (111), Land utilization
pattern (112), Intensity of cropping (115),
Fragmentation (116), Large number of
small holding (116), Category wise
fragmentation in sample blocks (118),
Fragmentation of holdings in sample
blocks (119), Tenurial system (120),
The zamidary system (121), Ryotwary
system (122), The Mahalwari system (123),
Tenure status in sample blocks (124),
Area leased in (128), Land reforms
their impact (129), Crop pattern (131).
CHAPTER-FOUR: Inputs and equipment

Labour capacity (140), Capacity of utilization of family labour (142),
Composition of labour inputs (145),
Drought labour (animal resource) (148),
Irrigation facilities as source of input (152), Source of irrigation (157),
Use of improved type of inputs (159),
Obstacles in the use of improved types of inputs (163), Advise, help and supervision regarding improved input (172), Production and use of farm yard manure (179), Green manure (180), Fertilizer consumption (181),
Crop diseases, insects and pests (183), Fixed investment on farms (184), Working capital (188), Credit (189), Rates of interest (193),
Purpose (194), Method of cultivation (197).

CHAPTER-FIVE: Production and disposal of farm produce.
Production (200), Yield of crop (204),
Disposal of farm produce (major crops only) (205), Marketing of agricultural produce (214), Market practices (215).
CHAPTER-SIX: Income expenditure and profits.  
Gross income composition(219),  
Expenditure(223), Farm business income(227), Net profit(227), Family labour income(231), Non-farm income(231)  
Total income(232), Input output ratio(235), Return on investment(241).  

CHAPTER-SEVEN: Assets and liabilities.  
Assets(248), Changes in assets(251),  
Capital formation(253), Liabilities(257), Assets and indebtedness(259).  

CHAPTER-EIGHT: Viability.  
Tenure status and viability(263), Viability and fragmentation(264), Viability and Commercial crops(267), Irrigation and viability(269), Viability and input-mix (271).  

CHAPTER-NINE: Main Findings.  
Chapter one(275), Chapter two(279), Chapter three(282), Chapter four(285), Chapter five(290), Chapter six(291), Chapter seven(294), Chapter Eight(296).
CHAPTER TEN: The suggestions. -

Land reclamation and development (298),
Land reform (301), Development of irrigation (308), Size of holdings - (308), New strategy of agriculture and marginal farms (309), Farm credit (311), Diversification of rural economy (313), Agriculture training workshop (316)

Glossary of terms used in the dissertation ... i - vii

Bibliography ... viii - xxxiv

Appendix ... xxxv - xxxix

List of tables ... xxxx - xxxxiv

List of maps and diagrams ... xxxxv - xxxxi vi

Interview schedule ... (1) - (11).