

ACCIDENTAL GAMBLERS

Vidarbha, a major cotton growing region in central India, has been the epicentre of a protracted agrarian crisis. Chronic indebtedness and farmers' suicides continue unabated despite decades of state intervention. Going beyond the contemporary discourse that finds fault in neoliberal policies and integration with global markets, this fascinating book tells the story of how nineteenth-century 'accidents', particularly in the form of events and processes, ushered in institutional transformations that shaped the region's cotton economy.

By drawing insights from the authors' longitudinal study in villages of the region spanning twelve years, *Accidental Gamblers* presents the 'gamblers' that farmers are part of in addition to the detailed historical account of the political economy and development of the cotton economy of the region. The novelty of combining a long view of history and evidence based on primary field research results in a book that underscores the importance of investigating roots of agrarian crisis and paying attention to adjustments of farm households, at a crucial juncture in India's economic transformation.

Sarthak Gaurav is an associate professor in economics in the Shailesh J. Mehta School of Management at IIT Bombay. He has worked on risk and vulnerability of agricultural households in Vidarbha and Gujarat since 2008 and cofounded the Behavioural Lab and Geospatial Information Science and Engineering (GISE) Hub at IIT Bombay.

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Sarthak Gaurav , Thiagu Ranganathan
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RISK AND VULNERABILITY IN VIDARBHA COTTON

SARTHAK GAURAV
THIAGU RANGANATHAN



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to continue our research in Vidarbha but also continued our collaboration that was in its eighth year by then. The next few years saw intensive data collection and fieldwork interspersed over the calendar years. We ensured that either of us conducted fieldwork at the beginning and end of a cropping season; and intermittent and short visits to study villages continued. We have nevertheless had our share of accidents and gambles in bringing the book project to fruition.

* * *

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ABBREVIATIONS

ADWDRS	Agricultural Debt Waiver and Debt Relief Scheme
AERC	Agro-Economic Research Centre
AICIL	Agriculture Insurance Company of India Ltd
APL	above poverty line
APMC	Agricultural Produce Market Committee
ASHA	accredited social health activist
ATMA	Agricultural Technology Management Agency
AWS	automated weather station
BJP	Bharatiya Janata Party
BPL	below poverty line
Bt	Bacillus thuringiensis
CACP	Commission for Agricultural Costs and Prices
CAGR	compound annual growth rate
CAIM	Convergence of Agriculture and Industry in Maharashtra
CCEA	Cabinet Committee for Economic Affairs
CCI	Cotton Corporation of India
CIBRC	Central Insecticides Board and Registration Committee
CICR	Central Institute for Cotton Research
CIRCOT	Central Institute for Research on Cotton Technology
CSA	Centre for Sustainable Agriculture
CV	coefficient of variation

DAP	di-ammonium phosphate
DBT	Direct Benefit Transfer
DCCB	District Central Cooperative Bank
EIC	East India Company
ETL	economic threshold limit
FAS	Foundation for Agrarian Studies
FAQ	fair average quality
FCI	Food Corporation of India
FGD	focus group discussion
FPC	Farmer Producer Company
FYM	farmyard manure
GCA	gross cropped area
GEAC	Genetic Engineering Appraisal Committee
GIPR	Great Indian Peninsular Railway
GKU	Girni Kamgar Union
HAD	Hyderabad Assigned Districts
HDPS	high density planting system
HTBt	herbicide tolerant Bt cotton
HYV	high yielding variety
ICAR	Indian Council of Agricultural Research
ICDS	Integrated Child Development Scheme
ICRISAT	International Crops Research Institute for the Semi-Arid Tropics
IFAD	International Fund for Agricultural Development
IMD	India Meteorological Department
INC	Indian National Congress
INTUC	Indian National Trade Union Congress
IPM	integrated pest management
IPR	intellectual property right
IRM	insecticide resistance management
ITI	industrial training institute

ABBREVIATIONS

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JJAS	four monsoon months of June, July, August, and September
JSA	Jalyukt Shivar Abhiyaan
JSY	Janani Suraksha Yojana
KCC	<i>kisan</i> credit card
KVK	Krishi Vigyan Kendra
LFPR	labour force participation rate
MAP	mono ammonium phosphate
MCPS	Monopoly Cotton Procurement Scheme
MDG	Millennium Development Goal
MDMS	Mid-day Meal Scheme
MFI	microfinance institution
MGNREGS	Mahatma Gandhi National Rural Employment Guarantee Scheme
MLA	member of the Legislative Assembly
MMBL	Mahyco–Monsanto Biotech Ltd
MNAIS	Modified National Agricultural Insurance Scheme
MOP	muriate of potash
MP	member of parliament
MPCE	monthly per capita consumption expenditure
MRP	mixed recall period
MSCCGMF	Maharashtra State Cooperative Cotton Growers Marketing Federation Ltd
MSP	minimum support price
MSRLM	Maharashtra State Rural Livelihoods Mission
MVA	Maha Vikas Aghadi
NABARD	National Bank for Agriculture and Development
NAFED	National Agricultural Cooperative Marketing Federation of India Ltd
NAIS	National Agricultural Insurance Scheme
NBFC	non-banking financial company
NCAER	National Council of Applied Economic Research
NCDEX	National Commodity & Derivatives Exchange Limited

NCP	Nationalist Congress Party
NDA	National Democratic Alliance
NEP	National Education Policy
NGO	non-governmental organization
NHC	new history of capitalism
NPK	nitrogen phosphorous potassium
NPM	non-pesticidal management
NREGS	National Rural Employment Guarantee Scheme
NSSO	National Sample Survey Office
NT	nomadic tribe
OBC	other backward classes
OGL	Open General Licence
PARI	Project on Agrarian Relations in India
PBW	pink bollworm
PDKV	Dr Panjabrao Deshmukh Krishi Vidyapeeth
PDS	Public Distribution System
PMFBY	Pradhan Mantri Fasal Bima Yojana
PMJDY	Pradhan Mantri Jan-Dhan Yojana
PM-KISAN	Pradhan Mantri Kisan Samman Nidhi (Prime Minister's Farmer's Tribute Fund)
POCRA	Project on Climate Resilient Agriculture
RCT	randomized control trial
RMMS	Rasthriya Mill Mazdoor Sangh
RSBY	Rashtriya Swasthya Bima Yojana
RWBCIS	Restructured Weather-Based Crop Insurance Scheme
RWS	reference weather station
SAS	situation assessment survey
SBC	special backward classes
SC	scheduled caste
SEBC	socially and economically backward class
SHC	soil health card
SHG	self-help group

ABBREVIATIONS

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SIT	special investigation team
SOPA	Soybean Processors Association of India
SPNF	Subhash Palekar Natural Farming
SRC	States Reorganization Commission
SRTT	Sir Ratan Tata Trust
SSP	single super phosphate
ST	scheduled tribe
UPA	United Progressive Alliance
VDSA	Village Dynamics Studies in South Asia
VER	vulnerability as uninsured exposure to risk
VIDC	Vidarbha Irrigation Development Corporation
VIIDP	Vidarbha Intensive Irrigation Development Programme
VLS	village-level study
VNSS	Vasantrao Naik Sheti Swavlamban Mission
WBCIS	Weather-Based Crop Insurance Scheme
WTO	World Trade Organization
WTP	willingness to pay
WUA	Water User Association
ZBNF	zero budget natural farming

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