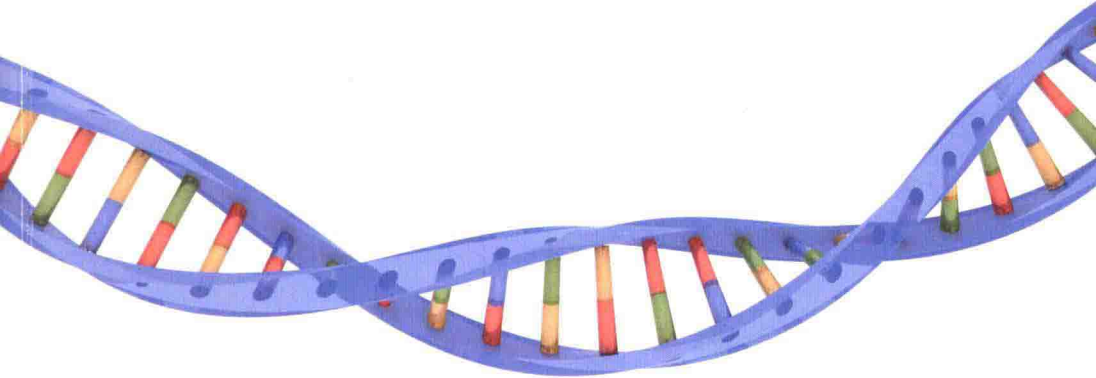




Satilal Patil

Development of Entomopathogenic fungi based biopesticide technology

Cost effective product technology with isolation, mass
production, bioefficacy, toxicology and
its compatibility with few chemical pesticides

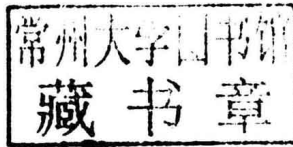


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LAP LAMBERT Academic Publishing

Impressum/Imprint (nur für Deutschland/ only for Germany)

Bibliografische Information der Deutschen Nationalbibliothek: Die Deutsche Nationalbibliothek verzeichnet diese Publikation in der Deutschen Nationalbibliografie; detaillierte bibliografische Daten sind im Internet über <http://dnb.d-nb.de> abrufbar.

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Coverbild: www.ingimage.com

Verlag: LAP LAMBERT Academic Publishing GmbH & Co. KG
Dudweiler Landstr. 99, 66123 Saarbrücken, Deutschland
Telefon +49 681 3720-310, Telefax +49 681 3720-3109
Email: info@lap-publishing.com

Herstellung in Deutschland:
Schaltungsdienst Lange o.H.G., Berlin
Books on Demand GmbH, Norderstedt
Reha GmbH, Saarbrücken
Amazon Distribution GmbH, Leipzig
ISBN: 978-3-8433-9282-2

Imprint (only for USA, GB)

Bibliographic information published by the Deutsche Nationalbibliothek: The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available in the Internet at <http://dnb.d-nb.de>.

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Publisher: LAP LAMBERT Academic Publishing GmbH & Co. KG
Dudweiler Landstr. 99, 66123 Saarbrücken, Germany
Phone +49 681 3720-310, Fax +49 681 3720-3109
Email: info@lap-publishing.com

Printed in the U.S.A.
Printed in the U.K. by (see last page)
ISBN: 978-3-8433-9282-2

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Satilal Patil

**Development of Entomopathogenic fungi based
biopesticide technology**

DEDICATED TO

MY CARING WIFE JAGRUTI AND DAUGHTER SAI

Abbreviations:

Bt	<i>Bacillus thuringiensis</i>
CFU	Colony forming unit
CMC	Carboxy Methyl cellulose
DTX	Destruxin toxin
EC	Emulsifiable concentration
GUP	General use pesticides
GV	Granulosis virus
HYV	High yielding variety
IPM	Integrated pest management
ITS	Internal transcribe spacer
LC ₅₀	Lethal concentrate
LT ₅₀	Lethal time
MEPA	Malt extract peptone agar
MPCA	Microbial pest control agent
MRL	Maximum residue limit
NPV	Nuclear polyhedrosis virus
NTO	Non target organism
PCR	Polymerase chain reaction
PDA	Potato dextrose agar
PE	Probit equation
PYGA	Potato yeast glucose agar
RH	Relative humidity
RUP	Restricted use pesticide

SP	Sporulation
T	compatibility
UV	Ultra violet rays
VG	Vegetative growth
WD	Water dispersible formulation
WP	Wettable powder formulation

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