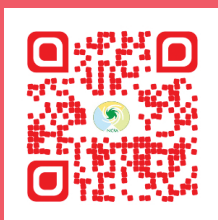
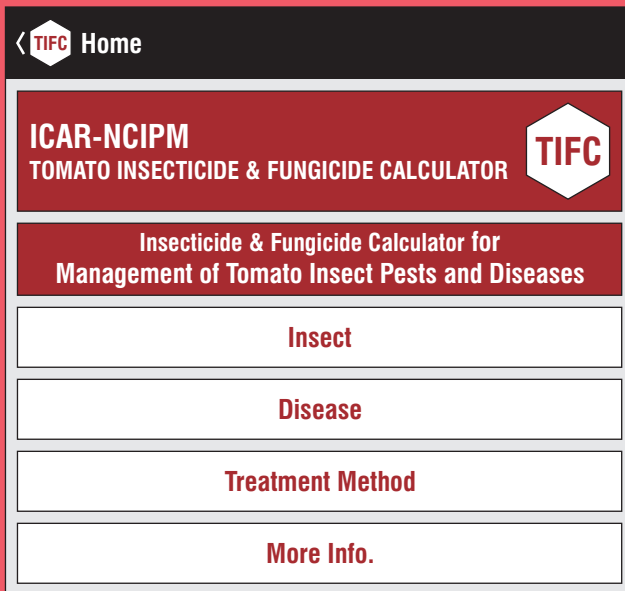


# DO YOU KNOW HOW ANDROID APP CAN TRANSFORM SCENARIO OF PESTICIDE USE ON TOMATO



## DOWNLOAD THE APP

- Scan the QR Code
- Download & Install the App
- Start using TIFC as per need
- TIFC is also web enabled through <http://www.ncipm.org.in/nicra/Softwaretools.aspx>
- Look for updated TIFC version and reinstall



32 INSECTICIDES & 35 FUNGICIDES  
ARE RECOMMENDED FOR  
PEST MANAGEMENT ON TOMATO

THEIR APPLICATION IS THROUGH  
SEED & SEEDLING TREATMENT, SOIL DRENCHING  
AND FOLIAR SPRAY

(<http://www.cibrc.nic.in>)



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## FOR MORE DETAILS

VISIT US

<http://www.ncipm.org.in/nicra>



# TIFC

## Tomato Insecticide & Fungicide Calculator



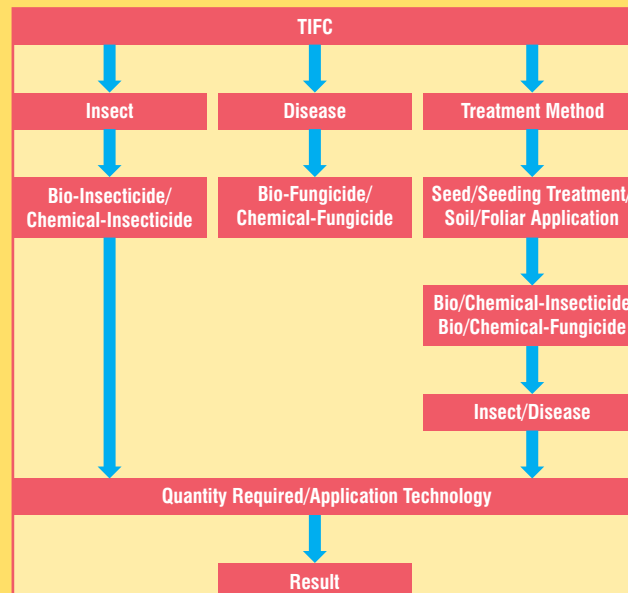
NCIPM



## INSECTICIDES

CARBARYL 50% WP	Fruit borer
CARBOFURAN 3% CG	White fly
CHLORANTRANILIPROLE 18.5% SC	Fruit borer
CYANTRANILIPROLE 10.26% OD	Leaf miner, Aphis, Thrips, White fly & Fruit borer
DAZOMET TECHNICAL	Root-knot nematode
DIMETHOATE 30% EC	Aphids
DIMETHOATE 30% EC	Whitefly
FLUBENDIAMIDE 20% WG	Fruit borer
FLUBENDIAMIDE 39.35% M/M SC	Fruit borer
IMIDACLOPRID 17.8% SL	Whitefly
INDOXACARB 14.5% SC	Fruit borer
LAMBDA-CYHALOTHRIN 4.9% CS	Fruit borer
LAMBDA-CYHALOTHRIN 5% EC	Fruit borer
MALATHION 50% EC	Whitefly
FENAZAQUIN 10% EC	Two spotted
METHOMYL 40% SP	Pod borers
NOVALURON 10% EC	Fruit borer
OXYDEMETON – METHYL 25% EC	Whitefly
PHORATE 10% CG	Whitefly
PHOSALONE 35% EC	Fruit borer
QUINALPHOS 20% AF	Fruit borer
QUINALPHOS 25% EC	Fruit borer
SPIROMESIFEN 22.9% SC	Whiteflies & Mites
THIAMETHOXAM 70% WS	Aphids & Thrips
THIAMETHOXAM 25% WG	Whiteflies
NOVALURON 5.25% + INDOXACARB 4.5% SC	Fruit borer & leaf eating caterpillar
AZADIRACTIN 1% (10000 PPM) MIN. NEEM BASED E.C. CONTAINING	Fruit borer
AZADIRACTIN 5% W/W MIN. NEEM EXTRACT CONCENTRATE CONTAINING	Aphids, Whitefly & Fruit borer
BACILLUS THURINGIENSIS VAR. GALLERIAE 1593 M SERO TYPE H 59 5B, 1.3% FLOWABLE CONCENTRATE POTENCY 1500 IU/MG	Fruit borer
VERTICILLIUM CHLAMYDOSPORIUM 1% WP (2X10 <sup>6</sup> CFU/GM MIN) STRAIN – IIHR-VC-3 ACCESSION NO – ITCC-6898.	Root knot nematodes
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA 0.43% AS (1X10 <sup>9</sup> POB/ML)	Fruit borer
STRAIN NO. BIL/HV-9 POB(1X10 <sup>9</sup> POB/ML)	Fruit borer
NPV OF HELICOVERPA ARMIGERA 0.43% AS STRAIN NO. BIL/HV-9 (1X10 <sup>9</sup> POB/ML)	Fruit borer

## ARCHITECTURE OF TIFC



### TIFC INCLUDES

- 8 Bio-Insecticides
- 24 Chemical-Insecticides
- 10 Bio-Fungicides
- 25 Chemical-Fungicides

### TIFC TECHNICAL DETAILS

- **Operating System:** Android
- **Platform:** Google (SDK)
- **Language:** Core Java
- **Software:** Eclipse Juno (ADT)
- **Version:** 4.1 (Jelly Bean)
- **Source:** Open Source Standalone App

### ACKNOWLEDGMENTS

TIFC is a component of Innovative Resilient Technologies for Pest Management in the Changing Climate Developed under National Innovations in Climate Resilient Agriculture funded by Indian Council of Agricultural Research through Central Research Institute for Dryland Agriculture, Hyderabad

## FUNGICIDES

AZOXYSTROBIN 23% SC	Early blight & Late blight
CAPTAN 50% WP	Early blight & Late blight
CAPTAN 75% WP	Early blight & Late blight
CAPTAN 75% WS	Damping off (soil drench)
COPPER OXY CHLORIDE 50% WP	Early blight, Late blight & Leaf spot
CYAZAFAMID 34.5% SC	Late blight
IPRODIONE 50% WP	Early blight
KITAZIN 48% EC	Early blight
MANCOZEB 35% SC	Early blight & Late blight
MANCOZEB 75% WG	Early blight
MANCOZEB 75% WP	Late blight, Buck eye rot & Leaf spot
MANDIPROPAMID 23.4% SC	Late blight
METALAXYL-M 31.8% ES	Damping off
METIRAM 70% WG	<i>Alternaria blight (Alternaria solani)</i>
PROPINEB 70% WP	Buck eye rot
PYRACLOSTROBIN 20% WG	Early blight
THIOPHANATE METHYL 70% WP	Ring rot
ZINEB 75% WP	Early blight, Late blight & Grey leaf mould
ZIRAM 80% WP	Early blight
(STREPTOMYCIN SULPHATE 90% + TETRACYCLIN HYDROCHLORIDE 10%) SP	Bacterial leaf spot
AZOXYSTROBIN 18.2% W/W + DIFENOCONAZOLE 11.4% W/W SC	Early blight & Late blight
CYMOXANIL 8% + MANCOZEB 64% WP	Late blight
FAMOXADONE 16.6% + CYMOXANIL 22.1% SC	Early blight & Late blight
METIRAM 55% + PYRACLOSTROBIN 5% WG	Early blight
TEBUCONAZOLE 50%+ TRIFLOXYSTROBIN 25% WG	Early blight
PSEUDOMONAS FLUORESCENS 0.5% WP (TNAU STRAIN ACCESSION NO. ITCC BE 0005)	Wilt ( <i>Fusarium oxysporum</i> F.sp)
PSEUDOMONAS FLUORESCENS 0.5% WP (TNAU STRAIN ACCESSION NO. ITCC BE 0005)	Wilt ( <i>Fusarium oxysporum</i> F.sp)
PSEUDOMONAS FLUORESCENS 1.0% WP (IPL/PS-01 ACCESSION NO. MTCC5727)	Wilt ( <i>Fusarium oxysporum</i> )
PSEUDOMONAS FLUORESCENS 1.0% WP (IPL/PS-01 ACCESSION NO. MTCC5727)	Damping off ( <i>Pythium aphanidermatum</i> )
PSEUDOMONAS FLUORESCENS 1.0% WP (IPL/PS-01 ACCESSION NO. MTCC5727)	Root rot ( <i>Rhizoctonia</i> spp.)
PSEUDOMONAS FLUORESCENS 1.0% WP (STRAIN NO. IIHR-PF-2 ACCESSION NO. ITCCB0034)	Wilt ( <i>Fusarium oxysporum</i> )
TRICHODERMA HARZIANUM 1.0% WP (STRAIN NO. IIHR-TH-2 ACCESSIONS NO. ITCC6888)	Wilt ( <i>Fusarium oxysporum</i> )
TRICHODERMA VIRIDE 1.5% WP (STRAIN NO. IIHR-TV-5, ACCESSION NO. ITCC 6889)	Wilt ( <i>Fusarium oxysporum</i> )
TRICHODERMA VIRIDE 1% WP	Seedling wilt <i>Fusarium oxysporum</i>
TRICHODERMA VIRIDE 1% WP	Damping off <i>Pythium aphanidermatum</i> , <i>Rhizoctonia solani</i>

**TIFC IS DESIGNED TO ASSIST RESEARCHERS, EXTENSION PERSONNEL AND FARMERS FOR JUDICIOUS SELECTION AND USE OF PESTICIDES WITH LABEL CLAIMS**

