

How Safe are your Veggies Project
August, 2016

TOMATO

Thirty tomato samples were collected randomly in the month of August, 2016 from the markets in the areas of Malakpet, Dilsukhnagar, Kothapet, Hayathnagar and L. B. Nagar.

The samples were analyzed for 156 types of pesticide Residues using validated method with confirmatory analysis on LC-MS/MS and GC-MS/MS at 10 ppb (parts per billion) level.

Out of 30 samples analyzed, two samples were found contaminated with Triazophos (an insecticide) residues in traces.

Remarks:

1.	Triazophos is NOT registered for use on Vegetables-TOMATO
2.	Triazophos 20% EC is registered for use on PADDY @ 250 – 500 g ai/ha against Stem Borer, Leaf Folder, Hispa, GLH, BPH, WBPH with PHI of 40 days
3.	Triazophos 40% EC is registered for use on COTTON for management of Bollworms and Whitefly @ 600 - 800 g ai/ha with PHI of 21 days
4.	Triazophos 40% EC is registered for use on RICE @ 250 – 500 g ai/ha against Stem Borer, Leaf Folder, Hispa, GLH, BPH, WBPH with PHI of 40 days
5.	Triazophos 40% EC is registered for use on SOYBEAN @ 250 g ai/ha against Stem Borer, Stem Girdle, Leafminor with PHI of 30 days

How Safe are your Veggies Project
July, 2016
TOMATO

Thirty tomato samples were collected randomly in the month of July, 2016 from the markets in the areas of Katedan, Shamshabad, Madhannapet and Falaknuma areas of Hyderabad City, Telangana.

The samples were analyzed for 156 types of pesticide Residues using validated method with confirmatory analysis on LC-MS/MS and GC-MS/MS at 10 ppb (parts per billion) level.

Out of 30 samples analyzed, eight samples were found with residues of Carbendazim (a fungicide) residues in traces.

As per Insecticide Act, 1968, Carbendazim is not recommended for use on Tomato. However, all eight samples detected with Carbendazim residue were found to be less than FSSAI (Food Safety Standard Authority of India) MRL (Maximum Residue Level).

Remarks:

- As per Insecticide Act, 1968, Carbendazim is not recommended for use on Tomato.
- MAJOR USES OF CARBENDAZIM, registered under the Insecticides Act, 1968, AS ON 30.06.2016, are given in Table below:

Crop	Common name of the disease	Dosage per ha			Waiting period from last application to harvest (in days)
		a.i. (g)	Formulation (g/ml)/%	Dilution in water (L)	
Carbendazim 5% GR					
Paddy	Brown leaf spot	0.62 kg	12.5 kg	-	
Carbendazim 46.27% SC					
Grape	Powdery mildew	0.046% or 46 g /100 lit water	0.1% or 100 ml/ 100 lit Water	As required	30
Mango	Powdery mildew	0.046% or 46 g/100 lit water	0.1% or 100 ml/100 lit Water	As required	15
Carbendazim 50% WP					
Paddy	Blast	125-250 gm	250-500 gm	750 L	-
	Sheath blight	1gm/ kg seed	2 gm/ kg seed	(1 ltr/10 kg seed) (seed treatment)	(wet slurry treatment)
	Aerial phase	125-250 gm	250-500 gm	750	-
Wheat	Loose smut	1gm/kg seed	2 g/kg seed	(1 ltr/10 kg seed) (seed treatment before sowing)	(wet slurry treatment)

Barley	Loose smut	1 gm/kg	2 gm/kg	(1 ltr/10 kg seed) (seed treatment before sowing)	(wet slurry treatment)
Tapioca	Set rot	0.5 gm	1 gm	1	-
Cotton	Leaf spot	125	250	750	-
Jute	Seedling blight	1 gm/kg seed	2 gm/kg seed	(1 ltr/10kg seed) (seed treatment)	(wet slurry treatment)
Groundnut	Tikka leaf Spot	112.5 gm	225 gm	750	-
Sugar beet	Leaf spot	100 gm	200 gm	400	-
	Powdery mildew	100 gm	200 gm	400	-
Peas Cluster	Powdery mildew	125 gm	250 gm	600	-
Beans	Powdery mildew	175 gm	350 gm	750	-
Cucurbits	Powdery mildew	150 gm	300 gm	600	-
	Anthraco nose	150 gm	300 gm	600	-
Brinjal	Leaf spot	150 gm	300 gm	600	-
	Fruit rot	150 gm	300 gm	600	-
Apples	Scab	1.25 gm	2.5 gm	10 per tree	-
Grapes	Anthraco nose	150 gm	300 gm	600	-
Walnut	Downy leaf spot	1.5 gm	3 gm	10 per tree	-
Rose	Powdery mildew	0.5 gm	1 gm	2	-
Ber	Powdery mildew	5 gm	10 gm	10 per tree	-

How Safe are your Veggies Project

June, 2016

TOMATO

Twenty tomato samples were collected randomly in the month of June 2016 from markets in the areas of mailardevpally, kishanbagh, biudvel, hyderguda, attapur, gudimalkapur and mehdipatnam.

The samples were analysed for 156 types of pesticide residues using validated method with confirmatory analysis on LC-MS/MS and GC-MS/MS at 10 ppb (parts per billion) level.

Out of 20 samples analysed, two were found contaminated with triazophos (an insecticide) residues in traces, which is not recommended for use on tomato.

Remarks:

Triazophos is NOT Registered for use on Vegetables - TOMATO
Traizophos 20% EC is registered for use on PADDY @ 250-500 g ai/ha against Stem Borer, Leaf Folder, Hispa, GLH, BPH, WBPH with PHI of 40 Days
Triazophos 40% EC is registered for use against on COTTON for management of Bolloworms and Whitefly @ 600-800 g ai/ha with PHI of 21 days
Triazophos 40% EC is registered for use against on RICE @ 250-500 g ai/ha Stem Borer, Leaf Folder, Hispa, GLH, BPH, WBPH with PHI of 40 Days
Triazophos 40% EC is registered for use against on SOYBEAN @ 250 g ai/ha against Stemborer, Stem Girdle, Leafminor with PHI of 30 Days