Grower/Orchard Manager Survey of IPM Tactics Used - 2014

Respondent Groups	1	T	1			T		1			1			
· · · · · · · · · · · · · · · · · · ·	3: NNY Fri	uit School, I	ake George	- Feb. 10. 2	014 (12 Re	espondents	.)			 			 	
2: LOFT Fruit School, Sodus - Feb. 4, 2014 (31 Respondents)			ingston - Fe				<u>'</u>			 			ļ	
					(== ::== p==		ge of respon	dents indicatin	na tactic	is used on:	L	 		
		Group 1				Group 2	, ., .,		J	Group 3			Group 4	
	Entire	Specific	No		Entire	Specific	No		Entire	Specific	No	 Entire	Specific	No.
IPM Tactic	Farm	Blocks	Response		Farm	Blocks	Response		Farm	Blocks	Response	Farm	Blocks	Response
Prunings are destroyed or removed so that no residue remains after		Diocks	псэропэс		1 (1111	DIOCKS	пеэропэе		· u····	DIOCKS	псэропэс		Diocks	пезропас
one year.	56.5	21.7	21.7		48.4	25.8	25.8		91.7	0.0	8.3	50.0	10.0	40.0
Tree row volume is used to configure spray pattern and calculate rates.	47.8	17.4	34.8		67.7	19.4	12.9		33.3	0.0	66.7	70.0	15.0	15.0
Pesticide application equipment is calibrated at least annually.	65.2	8.7	26.1		90.3	0.0	9.7		58.3	0.0	41.7	80.0	0.0	20.0
NEWA website used to assess degree days or other insect/disease	03.2	0.7	20.1			- 0.0	3.7		30.3	0.0	71.7		0.0	20.0
predictive events.	56.5	4.3	39.1		58.1	3.2	38.7		75.0	0.0	25.0	70.0	0.0	30.0
Have access to current wind speeds (e.g., hand-held monitor, weather	30.3		33.1			- 5.2	30.7	-	75.0	0.0	25.0			30.0
station, Skybit) and use this information to reduce potential for drift.	52.2	13.0	34.8		54.8	16.1	29.0		58.3	0.0	41.7	70.0	5.0	25.0
Scouting records are maintained for the current and previous seasons.	82.6	0.0	17.4		77.4	6.5	16.1		33.3	0.0	66.7	55.0	5.0	40.0
Fungicide use for scab is based on CCE (or other 3rd-party)	02.0	0.0	27			0.5	10.1	_	33.3	0.0	00.7	33.0	3.0	10.0
reports/predictions of infection periods.	82.6	0.0	17.4		93.5	3.2	3.2		83.3	0.0	16.7	95.0	0.0	5.0
Post-harvest litter chopping or urea treatment is used to reduce scab		+												
pressure.	39.1	30.4	30.4		25.8	12.9	61.3		41.7	0.0	58.3	30.0	20.0	50.0
Streptomycin use is based on a weather-based forecasting program		<u> </u>	<u> </u>			<u> </u>		-						
such as Maryblyt or Cougarblight.	60.9	8.7	30.4		51.6	22.6	25.8		66.7	8.3	25.0	45.0	25.0	30.0
Fungicides are applied for summer diseases based on accumulated								-						
wetting hours from petal fall.	73.9	4.3	21.7		45.2	16.1	38.7		58.3	0.0	41.7	70.0	15.0	15.0
Post-bloom miticide use is based on visual foliar inspection for														
presence/ absence of threshold numbers of motile mites.	52.2	13.0	34.8		51.6	25.8	22.6		75.0	0.0	25.0	40.0	30.0	30.0
After the first insecticide application for plum curculio at petal fall,														
further PC sprays are based on calculation or reports/predictions of														
duration of egg-laying activity.	56.5	8.7	34.8		64.5	12.9	22.6		58.3	0.0	41.7	55.0	25.0	20.0
Codling moth treatment is based on block or region history of							<u> </u>							
economic injury, or by monitoring using pheromone traps or sampling														
for damage.	73.9	8.7	17.4		74.2	12.9	12.9		41.7	8.3	50.0	25.0	20.0	55.0
If codling moth is treated, degree-days are used to calculate treatment						·	<u> </u>							
timing after the first sustained pheromone trap catch (biofix) of each														
generation.	65.2	13.0	21.7		51.6	9.7	38.7		33.3	0.0	66.7	25.0	20.0	55.0
Where codling moth requires intervention, mating disruption and/or								-						
bio-insecticides containing granulosis virus are used.	17.4	26.1	56.5		12.9	22.6	64.5		0.0	0.0	100.0	0.0	20.0	80.0
If oriental fruit moth is treated, degree-days are used to calculate														
treatment timing after the first sustained pheromone trap catch (biofix)														
of each generation.	65.2	8.7	26.1		51.6	9.7	38.7		8.3	0.0	91.7	30.0	10.0	60.0
Where oriental fruit moth requires intervention, mating disruption is														
used.	26.1	17.4	56.5		16.1	19.4	64.5		0.0	0.0	100.0	15.0	5.0	80.0
OBLR treatment is based on systematic sampling for infested clusters or														
terminals.	73.9	4.3	21.7		51.6	9.7	38.7		33.3	0.0	66.7	50.0	10.0	40.0
Treatment decisions for apple maggot are based on monitoring using:			39.1		3.2*		25.8				41.7		10.0*	45.0
yellow board traps	4.3	26.1			3.2	32.3			0.0	0.0		5.0	25.0	
unbaited red sphere traps	13.0	34.8			22.6	29.0			8.3	0.0		5.0	20.0	
volatile-baited sphere traps	8.7	26.1			9.7	25.8			33.3	16.7		10.0	30.0	
COMMENTS - Group 3					* trap type	e not specif	ied					* trap	type not sp	pecified
AM Traps used, but sprays made with or without catches														