Table 1. Innovative Under Trellis Management for Vineyards – Survey results – spring, 2012

(numbers may not add up to total due to NA responses and multiple responses per question.)

Questions	Responses	Long Island Hudson Valley	Finger Lakes Niagara region	PA – NJ – VA	New England
Total number of respondents per region		15	7	14	11
Current under-	Mowing only	4	0	3	2
vine regime	Mulch	$\begin{bmatrix} \mathbf{q} \\ 0 \end{bmatrix}$	1	$\begin{bmatrix} 3 \\ 0 \end{bmatrix}$	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$
ville regille	Mechanical	2	4	5	
	Post emerg. only	4	1	6	$\begin{bmatrix} 1 \\ 3 \end{bmatrix}$
	Pre and post emerg.	6	$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	4	4
	Mowing & herbicide		$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	0	2
	Burn	$\begin{bmatrix} 1 \\ 0 \end{bmatrix}$		$\begin{bmatrix} 0 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$
Channel amplied	None	3	2	8	4
Ground applied	Peanut meal	$\begin{bmatrix} 3 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	0	$\begin{bmatrix} 4 \\ 0 \end{bmatrix}$
nitrogen		6		_	$\begin{bmatrix} 0 \\ 2 \end{bmatrix}$
	Compost Mulah (wood ahina)		3	4	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$
	Mulch (wood chips)	1 7	$\begin{bmatrix} 0 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 0 \\ 2 \end{bmatrix}$	
Eslian nitus san	Conventional	5	5		3
Foliar nitrogen	None Co/N product	5 4		12	6
	Ca/N product		0	$\begin{bmatrix} 0 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 0 \\ 2 \end{bmatrix}$
	Urea Potassium nitrate	5		$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$
# times loof mull	Once	3	6	5	4
# times leaf pull cluster zone	Two – three	11		9	
cluster zone	Four or more	1	$\begin{bmatrix} 1 \\ 0 \end{bmatrix}$	0	6 0
# times hades		0	4	4	2
# times hedge	Once Two-three	11		-	8
vine canopy			3	10	
Vinaviaan	Four or more	0	0	0 4	3
Vine vigor	Mostly low vigor	12		6	3
	Moderate vigor		5 2	4	3 4
Imigation	High vigor None	3	6	10	7
Irrigation	1-2 times/season	8			
	3-4 times/season	3		3	
	>4 times/season	1	$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	$\begin{bmatrix} 1 \\ 0 \end{bmatrix}$	l 1
Cymnontly	Yes Yes	11	2	5	1
Currently	Yes but took it out	2	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	$\begin{bmatrix} 5 \\ 2 \end{bmatrix}$	3 2
experimenting with under vine	because of low vigor,	<u> </u>	U	\ \(\times_{\text{\chi}} \)	4
mowing or	rodents, time consuming	-	-	_	-
covers?	No	0	2	5	3
COVEIS!	No but would be	$\begin{bmatrix} 0 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 2 \\ 3 \end{bmatrix}$	$\begin{bmatrix} 3 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 3 \\ 2 \end{bmatrix}$
	interested in trying	<u></u>	3		
Concerns with	Too expensive	1	1	3	4
under vine	Reduced vine size	$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	1	4	1 1
	Reduced vine size Reduced yield	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	1	1
mowing or covers	Equipment expensive	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	1	1
COVCIS	Rodent damage	2	$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	$\begin{bmatrix} 1 \\ 0 \end{bmatrix}$	3
	Won't look nice	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	$\begin{bmatrix} 0 \\ 1 \end{bmatrix}$	0	3
	Effects on soil temp	0	$\begin{bmatrix} 1 \\ 0 \end{bmatrix}$	$\begin{bmatrix} 0 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 3 \\ 0 \end{bmatrix}$
	Source of inoculum	0	$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	$\begin{pmatrix} 2 \\ 1 \end{pmatrix}$	0
	Difficult w/drought	1	$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	0
	Damage to trunks w/mower	0	0	$\begin{bmatrix} 2 \\ 0 \end{bmatrix}$	1
	Damage to trains willower	U	U	U	1

A.Wise