Arizona Head Lettuce Insect Losses Survey - 2006/2007

Part 1.

1. Please indicate: PCA _____ Industry _____ Other_____.
2. Reporting Area (county or counties) : _____.
3. Date submitted: (dd/mm/yy): _____.

	Fall Lettuce *(Sep - Nov)*	Spring Lettuce *(Dec-Mar)*
4. Head Lettuce Acreage to which this estimate applies (total acres):		
5. Estimated yields in cartons (per acre) for this acreage.		
6. Potential yield in cartons (per acre) for this acreage. Assume ideal conditions		
7. Percent reduction in yield by: **Weather** (% reduction)		
8. Percent reduction in yield by: **Chemical injury** (% reduction)		
9. Percent reduction in yield by: **Weeds** (% reduction)		
10. Percent reduction in yield by: **Disease** (% reduction)		
11. Percent reduction in yield by: **Insects** (% reduction)		
12. Percent reduction in yield by: **Birds** (% reduction)		
13. Percent reduction in yield by **Other Factors**: List factors below. (% reduction)		

Application Costs: It is possible that acreage could have been treated using both air and ground sprayer, thus, when combined, percentages may total > 100%. These estimates are for **Insecticide Applications**.	Fall Lettuce *(Sep - Nov)*	Spring Lettuce *(Dec-Mar)*
14. Percent acres (for this estimate) treated by **AIR** in 2005/2006:		
15. Average number of insecticide treatments by **AIR**:		
16. Cost ($) per acre for a single aerial application:		
17. Percent acres (for this estimate) treated by **GROUND** in 2005/2006:		
18. Average number of insecticide treatments by **GROUND**:		
19. Cost ($) per acre for a single ground application:		

Insect Management Fees: Estimate the cost ($) of insect management fees paid by growers to pest control advisors.	Fall Lettuce *(Sep - Nov)*	Spring Lettuce *(Dec-Mar)*
20. Percent of acres where insect monitoring, scouting and sampling was conducted:		
21. Number of field visits per week:		
22. Estimated cost ($) per acre for insect monitoring/advisory:		

Comments:

Please return this survey form to:

John Palumbo, University of Arizona, Yuma Agricultural Center
FAX: 928-782-1940

Part 2.

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	Pest	A		B		C		D		E	
		% Acres where pest was present		% Acres treated for this pest		No. of Foliar Insecticide Applications Required to Control this Pest		Cost $ of One application per / acre (include application cost)		% Reduction in yield due to this pest	
		Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
23	**Seedling Pests** -ants, earwigs, crickets, darkling beetles, etc.										
24	**Flea beetles**										
25	**Leafminers**										
26	**Salt marsh caterpillar**										
27	**Beet armyworm**										
28	**Cabbage looper**										
29	**Corn earworm**										
30	**Silverleaf whitefly**										
31	**Green peach / Potato aphid**										
32	**Foxglove aphid**										
33	**Lettuce aphid**										
34	**Other aphid species**										
35	**Thrips**										
36	**Trash bugs** (Lygus, leaf-hoppers, False chinch bugs, etc.)										
37	**Other insects** (list below)										

		B		C		D	
		% acres treated		No. of applications		Cost $ of one application per acre	
		Fall	Spring	Fall	Spring	Fall	Spring
38	**Chemigation treatments used at stand establishment**						
39	**Soil-applied insecticide used (Admire or generic):**						

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Part 3.

	Fall Lettuce *(September -November)*		**Spring Lettuce** *(December-March)*	
	Acres (%) treated with this product	Avg no.of times treated with product	Acres (%) treated with this product	Avg no.of times treated with product
Orthene (acephate)				
Dimethoate				
MSR				
Diazinon- Foliar				
Diazinon- Chemigation				
Malathion				
Lannate				
Larvin				
Endosulfan				
Pyrethroids - Foliar				
Pyrethroids - Chemigation				
Admire (imidacloprid)				
Genric imidacloprid (Alias, Couraze, Nuprid, Widow, etc.				
Provado				
Venom (soil)				
Venom (foliar)				
Assail				
Oberon				
Fulfill				
Beleaf				
Avaunt				
Intrepid				
Proclaim				
Success				
Entrust				
Agrimek (ABBA)				
Azadirachtin/Neem products				
Bt (Dipel/Javelin/Xentari)				
Other:				