



Estimated Insecticide Usage on head lettuce in Arizona from 2005-2010 based on PCA and grower surveys.

Class of Chemistry or A.I.	Primary products used	IRAC MOA	Estimated no. of Head Lettuce Acres Treated ¹ (total acres in production based on NASS figures)					
			2005 (50000)	2006 (48000)	2007 (45500)	2008 (46000)	2009 (46000)	2010 (42000)
Pyrethroids	various products	3A	182,030	169,894	148,376	150,739	147,726	141,971
Spinosyns	Radiant, Success	5	114,438	103,144	82,257	98,382	85,590	72,356
Neonicotinoids	Imidacloprid, Assail	4A	36,443	51,142	42,781	39,091	21,128	37,673
Diamides	Coragen, Voliam Xpress	28	0	0	0	0	21,009	20,149
Carbamates	Lannate	1A	45,150	48,114	30,986	22,523	16,555	17,625
Diacylhydrazines	Intrepid	18	32,728	33,926	28,494	27,141	16,740	12,112
Organophosphates	Acephate	1B	39,889	36,184	24,861	29,765	14,471	11,907
Ketoenols	Movento, Oberon	23	0	1,272	0	0	34,538	11,292
Cyclodienes	endosulfan	2A	17,760	17,566	20,020	16,480	8,118	1,617
Flonicamid	Beleaf	9C	0	0	10,385	17,738	3,420	1,428
Indoxacarb	Avaunt	22	6,363	10,609	8,395	9,994	2,475	1,407
Buprofezin	Vetica	16	0	0	0	0	0	987
Avermectins	Agri-Mek	6	0	0	0	0	0	0
Pymetrozine	Fulfill	9B	7,508	3,755	1,081	432	0	0
<i>B. thuringiensis</i>	Dipel, Javelin	11	1,125	288	0	0	0	0
			483,434	475,894	397,636	412,285	371,770	330,524

¹ totals estimated by multiplying the percentage of reported acres treated by the number of times treated for the NASS acreage estimated in each year

