

**PLAGUICIDAS MONITOREADOS POR LA TÉCNICA ANALÍTICA GC/MS-MS  
 PESTICIDES SCREENING BY TECHNIQUE ANALYTICAL GC/MS-MS**

No	Plaguicida	LoQ mg/kg	No	Plaguicida	LoQ mg/kg	No	Plaguicida	LoQ mg/kg	No	Plaguicida	LoQ mg/kg
1	ALDRIN	0.0052	46	CYANOPHOS	0.0053	91	FENAMIPHOS	0.0100	136	PACLOBUTRAZOL	0.0054
2	ALLETHRIN	0.0100	47	CYFLUTHRIN	0.0050	92	FENARIMOL	0.0100	137	PARAOXON	0.0100
3	ALPHA CHLORDANE	0.0100	48	CYPERMETHRIN	0.0102	93	FENCHLORPHOS	0.0100	138	PCNB (QUINTOZENE) 2,3	0.0057
4	ALPHA CYPERMETHRIN	0.0055	49	CYPRODINIL 2,3	0.0054	94	FENHEXAMIDE	0.0100	139	PENCONAZOLE	0.0053
5	ALPHA ENDOSULFAN	0.0100	50	CYROMAZINE	0.0100	95	FENITROTHION	0.0099	140	PENDIMETHALIN	0.0054
6	ALPHA BHC	0.0053	51	DDD-o'p 2,3	0.0058	96	FENPROPATHRIN (DANITOL) 3	0.0054	141	PENTACHLOROANILINE	0.0100
7	AMETRYN	0.0054	52	DDD-p,p	0.0059	97	FENSON 2,3	0.0054	142	PENTACHLOROPHENOL 1,3	0.0100
8	AMINOCARB	0.0100	53	DDE-o'p	0.0053	98	FENSULFOTHION	0.0052	143	PERMETHRIN 1,3	0.0103
9	AMITRAZ 2	0.0100	54	DDE-p,p 2,3	0.0053	99	FENTHION 2,3	0.0100	144	PHENOTHRIN (SUMITHRIN)	0.0100
10	ANTHRAQUINONE	0.0100	55	DDT-o,p'	0.0052	100	FENVALERATE 2,3	0.0053	145	PHOSALONE	0.0054
11	ATRAZINE 2,3	0.0100	56	DDT-p,p	0.0053	101	FLAMPROP METHYL 2,3	0.0100	146	PHOSPHAMIDON	0.0100
12	AZINPHOS-ETHYL	0.0100	57	DELTA-BHC	0.0100	102	FLONICAMID	0.0100	147	PYPERONYL BUTOXIDE 2,3	0.0102
13	BAYCARB (FENOBUCARB) 3	0.0100	58	DELTAMETHRIN 2,3	0.0054	103	FLUAZIFOP	0.0051	148	PIRIPROXYFEN	0.0100
14	BENALAXYL	0.0102	59	DIALIPOS	0.0054	104	FLUCLORALIN	0.0054	149	PROCHLORAZ 2,3	0.0100
15	BENFLURALIN	0.0054	60	DIAZINON 2,3	0.0102	105	FLUDIOXONIL	0.0053	150	PROCYMIDONE	0.0053
16	BETHA ENDOSULFAN	0.0100	61	DICHLUFUANID	0.0102	106	FLUSILAZOLE	0.0100	151	PROMETON	0.0053
17	BETHA-BHC	0.0053	62	DICHLORVOS 5	0.0053	107	FOLICUR (TEBUCONAZOLE)	0.0100	152	PROPICONAZOLE	0.0100
18	BIFENAZATE	0.0100	63	DICLOFOP METHYL	0.0053	108	FOLPET 1,3	0.0100	153	PROTHIOFOS (TOKUTHION)	0.0100
19	BIFENOX	0.0100	64	DICLOBUTRAZOL	0.0100	109	HCB	0.0100	154	PYRAZOPHOS 3	0.0102
20	BIFENTHRIN 1,3	0.0054	65	DICLORAN	0.0100	110	HEPTACHLOR	0.0053	155	PYRETHRIN	0.0100
21	BOSCALID	0.0054	66	DICROTOPHOS	0.0100	111	HEPTACHLOR EPOXIDE	0.0100	156	PYRIMETHANIL	0.0102
22	BROMOPHOS METHYL	0.0054	67	DIELDRIN	0.0100	112	HEXACONAZOLE	0.0100	157	PYRIMIPHOS METHYL	0.0108
23	BROMUCONAZOLE	0.0053	68	DIFENOCONAZOLE	0.0100	113	HEXAZINONE	0.0100	158	QUINALPHOS 3	0.0100
24	BUPIRIMATE	0.0100	69	DIFONATO (FONOFOS)	0.0054	114	HEXYTHIAZOX	0.0100	159	QUINOXYFEN	0.0054
25	BUPROFEZIN	0.0100	70	DIMETHACHLOR	0.0054	115	INDOXACARB	0.0100	160	QUICALOFOP-ETHYL	0.0100
26	BUTACHLOR	0.0100	71	DIMETYL CHLORTAL	0.0102	116	IPIODIONE	0.0100	161	SIMETRYN	0.0054
27	CAPTAFOL	0.0100	72	DIOXATHION	0.0100	117	ISAZOPHOS	0.0054	162	SULFOTEP 2,3	0.0053
28	CAPTAN 2,3	0.0100	73	DIPHENAMID	0.0053	118	ISOFENPHOS	0.0054	163	THPI1	0.0095
29	CARBOPHENOTHION 2,3	0.0050	74	DIPHENYLAMINE 2,3	0.0054	119	LAMBDA CYHALOTHRIN 2,3	0.0057	164	TEBUCONAZOL (FOLICUR)	0.0054
30	CARBOXIN	0.0053	75	DISULFOTON	0.0100	120	LENACIL	0.0100	165	TEBUFENPYRAD	0.0056
31	CHINOMETHIONATE	0.0100	76	DISULFOTON SULFONE	0.0100	121	LEPTOPHOS	0.0100	166	TERBUFOS	0.0100
32	CHLORDANE	0.0053	77	DYFONATE (FONOFOS)	0.0100	122	LINURON	0.0100	167	TERRAZOLE	0.0054
33	CHLORDIMEPHON	0.0054	78	ENDOSULFAN I	0.0054	123	MALATHION	0.0097	168	TETRACONAZOLE	0.0054
34	CHLORFENAPYR	0.0100	79	ENDOSULFAN SULFATE	0.0052	124	MECARBAM	0.0100	169	TOLYLFLUANID	0.0052
35	CHLORFENVINPHOS	0.0054	80	ENDRIN	0.0100	125	MERPHOS	0.0100	170	TRIADIMEFON	0.0053
36	CHLOROENZILATE	0.0100	81	EPN 2,3	0.0100	126	METHOPROTRINE	0.0102	171	TRIAZOPHOS 2,3	0.0100
37	CHLORONEB	0.0053	82	ESFENVARELATE	0.0053	127	METHOXYCHLOR	0.0100	172	TRIBUFOS	0.0100
38	CHLOROPROPYLATE	0.0100	83	ETHALFLURALIN	0.0101	128	METHYL PARATHION 1,3	0.0052	173	TRIBUTYL PHOSPHATE	0.0100
39	CHLORPROPHAM 2,3	0.0053	84	ETHION 2,3	0.0117	129	METOLACHLOR 2,3	0.0100	174	TRICHLORFON 3	0.0100
40	CHLOROUXON	0.0100	85	ETHOFUMESATE	0.0100	130	METRIBUZIN 2,3	0.0054	175	TRIFLOXYSTROBIN	0.0054
41	CHLORPYRIPHOS ETHYL 2,3	0.0102	86	ETHOXYQUIN	0.0100	131	MEVINPHOS (PHOSDRIN)	0.0097	176	TRIFLURALIN 2,3	0.0053
42	CHLORPYRIPHOS METHYL	0.0053	87	ETOFENPROX	0.0100	132	MYCLOBUTANIL	0.0054	177	VEGADEX (CEDC)	0.0100
43	COUMAPHOS 3	0.0100	88	ETRIMPHOS	0.0100	133	O-PP 3	0.0100	178	VINCLOZOLIN 2,3	0.0104
44	CHLOROTHALONIL 2,3	0.0100	89	EPOXICONAZOLE 2,3	0.0101	134	OXADIAZON	0.0054			
45	CYANAZINE	0.0100	90	FAMOXADONE	0.0100	135	OXYFLUORFENE	0.0053			

1. Laboratorio reconocido bajo el Reconocimiento "Plan de Acción para la Prevención de Contaminación Química por Residuos de Plaguicidas durante la Producción Primaria de Aguacate" de SENASICA, Oficio No. B00.04.02.05 5427/2015 EMITIDO 22/09/2015.  
 2. Laboratorio reconocido bajo el Reconocimiento de "Determinación de Residuos de Plaguicidas en Productos Vegetales Frescos" de SENASICA, Oficio No. B00.04.02.05 7100/2015 EMITIDO 16/12/2015. Vegetales Frescos  
 3. Laboratorio de Ensayo acreditado por ema, a.c. con acreditación No. A-0434-037/13. Vigente a partir de 2013-02-22.



**PLAGUICIDAS MONITOREADOS POR LA TÉCNICA ANALÍTICA LC/MS-MS  
 PESTICIDES SCREENING BY TECHNIQUE ANALYTICAL LC/MS-MS**

No	Plaguicida	LoQ	No	Plaguicida	LoQ	No	Plaguicida	LoQ	No	Plaguicida	LoQ
1	3-HYDROXYCARBOFURAN <sup>3</sup>	0.0100	31	CLOTHIANIDIN	0.0100	61	METALAXYL <sup>2,3</sup>	0.0066	91	PROPACHLOR	0.0100
2	ACEPHATE <sup>1,3</sup>	0.0102	32	CYAZOFAMID <sup>3</sup>	0.0101	62	METHAMIDOPHOS <sup>1,3</sup>	0.0097	92	PROPARGITE	0.0100
3	ACETAMIPRID <sup>2,3</sup>	0.0102	33	DEMETON S <sup>2,3</sup>	0.0098	63	METHIDATHION	0.0100	93	PROPOXUR (BAYGON)	0.0101
4	ALACHLOR <sup>3</sup>	0.0101	34	DIAZINON <sup>2,3</sup>	0.0101	64	METHIOCARB <sup>2,3</sup>	0.0102	94	PYMETROZINE	0.0100
5	ALDICARB <sup>3</sup>	0.0100	35	DIAZINON- <i>o</i> ANALOG	0.0100	65	METHOMYL <sup>2,3</sup>	0.0100	95	PYRACLOSTROBIN <sup>2,3</sup>	0.0101
6	ALDICARB SULFONE	0.0100	36	DIBROM (NALED)3	0.0100	66	METHOXYFENOZIDE <sup>2,3</sup>	0.0102	96	PYRAZOPHOS	0.0053
7	ALDICARB SULFOXIDE	0.0100	37	DIMETHOATE <sup>1,3</sup>	0.0099	67	METHYL PIRIMIPHOS <sup>2,3</sup>	0.0108	97	QUINALPHOS <sup>3</sup>	0.0100
8	ALLIDOCHLOR	0.0100	38	DINOTEFURAN	0.0100	68	METRIBUZI <sup>2,3</sup>	0.0102	98	SETHOXIDIM	0.0100
9	AMINOCARB	0.0102	39	DIOXACARB	0.0100	69	MILBEMECTIN A3	0.0150	99	SIMAZINE	0.0100
10	ANCYMIDOL	0.0100	40	DIPHENYLAMINE <sup>2,3</sup>	0.0100	70	MILBEMECTIN A4	0.0150	100	SPINETORAM	0.0100
11	AZACONAZOLE	0.0100	41	DIURON	0.0100	71	MONOCROTOPHOS <sup>2,3</sup>	0.0100	101	SPINOSAD A Y D <sup>2,3</sup>	0.0100
12	AZOXYSTROBIN <sup>2,3</sup>	0.0056	42	DODEMORPH ACETATE	0.0100	72	NAPROPAMIDE	0.0100	102	SPIROMESIFEN	0.0100
13	BAYGON (PROPOXUR)	0.0101	43	ETACONAZOLE	0.0100	73	NITENPYRAM	0.0100	103	SPIRODICLOFEN	0.0100
14	BENDIOCARB	0.0102	44	ETHOPROPHOS	0.0100	74	NUARIMOL	0.0100	104	SPIROTETRAMAT	0.0100
15	BENFURACARB	0.0052	45	ETOXAZOLE	0.0100	75	OMETHOATE <sup>2,3</sup>	0.0101	105	SULPROFOS	0.0100
16	BENODANIL	0.0100	46	FENAMIDONE	0.0101	76	OXADIAZON	0.0100	106	TEBUFENOZIDE	0.0100
17	BENSULIDE	0.0101	47	FENITROTHION	0.0100	77	OXAMYL	0.0100	107	TEMEPHOS (ABATE)	0.0100
18	BENTAZON	0.0100	48	FENOBUCARB (BAYCARB) <sup>3</sup>	0.0100	78	PARATHION <sup>3</sup>	0.0100	108	THIABENDAZOLE <sup>1,2,3</sup>	0.0101
19	BENZOATE EMAMECTIN <sup>2,3</sup>	0.0100	49	FENPYROXIMATE	0.0100	79	PENTHIOPYRAD	0.0100	109	THIACLOPRID	0.0100
20	BITERTANOL	0.0102	50	FENTHION SULFOXIDE	0.0100	80	PHORATE	0.0100	110	THIADIZURON	0.0100
21	BROMACIL <sup>2,3</sup>	0.0101	51	FLUOXASTROBIN	0.0100	81	PHORATE SULFONE	0.0100	111	THIAMETHOXAM <sup>1,3</sup>	0.0107
22	CARBARYL <sup>2,3</sup>	0.0099	52	FLUPYRADIFURONE	0.0100	82	PIPEROPHOS <sup>3</sup>	0.0101	112	THIODICARB <sup>2,3</sup>	0.0102
23	CARBENDAZIM <sup>1,3</sup>	0.0169	53	GUTHION (AZINPHOS)	0.0099	83	PIPERONYL BUTOXIDE <sup>2,3</sup>	0.0100	113	THIOPHANATE -	0.0101
24	CARBETAMIDE <sup>3</sup>	0.0099	54	HEPTENOPHOS <sup>2,3</sup>	0.0100	84	PIRIMICARB	0.0100	114	THIRAM	0.0100
25	CARBOFURAN <sup>2,3</sup>	0.0102	55	IMAZALIL <sup>2,3</sup>	0.0100	85	PIRIMIPHOS ETHYL	0.0102	115	TRIADIMEFON	0.0100
26	CARBOSULFAN	0.0052	56	IMIDACLOPRID <sup>1,3</sup>	0.0101	86	PIRIMIPHOS METHYL	0.0108	116	TRIFLUMIZOLE	0.0100
27	CARFENTRAZONE ETHYL	0.0100	57	IMIDAN (PHOSMET)	0.0100	87	PIRIPROXYFEN	0.0102	117	VERNOLATE	0.0100
28	CHLORBROMURON	0.0100	58	IMAZAQUIN	0.0100	88	PROCHLORAZ	0.0101			
29	CHLORANTRANILIPROLE	0.0100	59	MALAOXON	0.0100	89	PROFENOFOS	0.0100			
30	CLOFENTEZINE	0.0100	60	MALATHION <sup>2</sup>	0.0096	90	PROPAMOCARB <sup>2,3</sup>	0.0113			

1. Laboratorio reconocido bajo el Reconocimiento "Plan de Acción para la Prevención de Contaminación Química por Residuos de Plaguicidas durante la Producción Primaria de Aguacate" de SENASICA, Oficio No. 800.04.02.05 5427/2015 EMITIDO 22/09/2015.

2. Laboratorio reconocido bajo el Reconocimiento de "Determinación de Residuos de Plaguicidas en Productos Vegetales Frescos" de SENASICA, Oficio No. 800.04.02.05 7100/2015 EMITIDO 16/12/2015. Vegetales Frescos

3. Laboratorio de Ensayo acreditado por ema, a.c. con acreditación No. A-0434-037/13. Vigente a partir de 2013-02-22.

