

Status: 04/2026

**Basic Pesticide screen for fruits, vegetables and  
related products via LC-MS/MS  
(ASU L 00.00-115, QuEChERS)**

| name                         | CAS RN       | applications * | RL **<br>mg/kg |
|------------------------------|--------------|----------------|----------------|
| 3-Hydroxycarbofuran          | 16655-82-6   | I, N           | 0.010          |
| 5-Hydroxythiabendazol        | 948-71-0     | M              | 0.010          |
| Acequinocyl                  | 57960-19-7   | A              | 0.010          |
| Acetamiprid                  | 135410-20-7  | I              | 0.005          |
| Acetochlor                   | 34256-82-1   | H              | 0.010          |
| Aldicarb                     | 116-06-3     | A, I, N        | 0.010          |
| Aldicarb-Sulfon (Aldoxycarb) | 1646-88-4    | I, N           | 0.010          |
| Aldicarb-Sulfoxid            | 1646-87-3    | I, N           | 0.010          |
| Amidosulfuron                | 120923-37-7  | H              | 0.005          |
| Aminocarb                    | 2032-59-9    | I              | 0.005          |
| Amisulbrom                   | 348635-87-0  | F              | 0.010          |
| Azamethiphos                 | 35575-96-3   | I              | 0.005          |
| Azinphos-Ethyl               | 2642-71-9    | I, A           | 0.010          |
| Azinphos-Methyl              | 86-50-0      | I              | 0.010          |
| Azoxystrobin                 | 131860-33-8  | F              | 0.005          |
| Azoxystrobin (free acid)     | 1185255-09-7 | M              | 0.010          |
| Bendiocarb                   | 22781-23-3   | I              | 0.005          |
| Bensulfuron-methyl           | 83055-99-6   | H              | 0.005          |
| Benthiavalicarb-Isopropyl    | 177406-68-7  | F              | 0.005          |
| Benzovindiflupyr             | 1072957-71-1 | F              | 0.005          |
| Benzoximat                   | 29104-30-1   | A              | 0.005          |
| Bispyribac                   | 125401-75-4  | H              | 0.005          |
| Boscalid                     | 188425-85-6  | F              | 0.010          |
| Bupirimate                   | 41483-43-6   | F              | 0.005          |
| Butoxycarboxim               | 34681-23-7   | I, A           | 0.010          |
| Buturon                      | 3766-60-7    | H              | 0.005          |
| Carbaryl                     | 63-25-2      | I, W           | 0.005          |
| Carbendazim                  | 10605-21-7   | F              | 0.005          |
| Carbetamide                  | 16118-49-3   | H              | 0.005          |
| Carbofuran                   | 1563-66-2    | I, N           | 0.005          |
| Carboxin                     | 5234-68-4    | F              | 0.005          |
| Carfentrazon-ethyl           | 128639-02-1  | H              | 0.005          |
| Chlorbenzuron                | 57160-47-1   | F              | 0.005          |
| Chlorbromuron                | 13360-45-7   | H              | 0.010          |
| Chlorfluazuron               | 71422-67-8   | I              | 0.010          |
| Chloridazon                  | 1698-60-8    | H              | 0.005          |
| Chloroxuron                  | 1982-47-4    | H              | 0.005          |
| Chlortoluron                 | 15545-48-9   | H              | 0.005          |

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|----------------------------|-------------|----------------|----------------|
| Cinosulfuron               | 94593-91-6  | H              | 0.010          |
| Clofentezine               | 74115-24-5  | A              | 0.010          |
| Clomazone                  | 81777-89-1  | H              | 0.005          |
| Clothianidin               | 210880-92-5 | I              | 0.005          |
| Cyantraniliprol            | 736994-63-1 | I              | 0.005          |
| Cyazofamid                 | 120116-88-3 | F              | 0.010          |
| Cycloxydim                 | 101205-02-1 | H              | 0.010          |
| Cymiazol                   | 61676-87-7  | A              | 0.005          |
| Cyproconazol               | 94361-06-5  | F              | 0.005          |
| Demeton-S-methyl           | 919-86-8    | I, A           | 0.010          |
| Demeton-S-methylsulfon     | 17040-19-6  | I, A           | 0.010          |
| Demeton-S-methyl-sulfoxide | 301-12-2    | I              | 0.010          |
| Diethofencarb              | 87130-20-9  | F              | 0.005          |
| Diethyltoluamid (DEET)     | 134-62-3    | I              | 0.010          |
| Difenoconazol              | 119446-68-3 | F              | 0.005          |
| Difenoxyuron               | 14214-32-5  | H              | 0.005          |
| Diiflufenican              | 83164-33-4  | H              | 0.005          |
| Dimefuron                  | 34205-21-5  | H              | 0.005          |
| Dimethenamid               | 87674-68-8  | H              | 0.005          |
| Dimethoat                  | 60-51-5     | I, A           | 0.010          |
| Dimethomorph               | 110488-70-5 | F              | 0.005          |
| Diniconazol                | 83657-24-3  | F              | 0.005          |
| Disulfoton                 | 298-04-4    | I              | 0.010          |
| Disulfoton-sulfon          | 2497-06-5   | I              | 0.010          |
| Disulfoton-sulfoxid        | 2497-07-6   | I              | 0.010          |
| Diuron                     | 330-54-1    | H              | 0.010          |
| Dodemorph                  | 1593-77-7   | F              | 0.005          |
| Dodine                     | 2439-10-3   | F              | 0.025          |
| Emamectin Bla              | 155569-91-8 | I              | 0.010          |
| Emamectin Blb              | 119791-41-2 | I              | 0.010          |
| Enoxastrobin               | 238410-11-2 | F              | 0.005          |
| Epoxiconazol               | 133855-98-8 | F              | 0.005          |
| Ethiofencarb               | 29973-13-5  | I              | 0.005          |
| Ethiofencarbsulfon         | 53380-23-7  | I              | 0.005          |
| Ethiofencarbsulfoxid       | 53380-22-6  | I              | 0.010          |
| Ethirimol                  | 23947-60-6  | F              | 0.005          |
| Ethofumesate               | 26225-79-6  | H              | 0.010          |
| Etoxazol                   | 153233-91-1 | A              | 0.005          |

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|---------------------|-------------|----------------|----------------|
| Famoxadone          | 131807-57-3 | F              | 0.005          |
| Fenamidon           | 161326-34-7 | F              | 0.005          |
| Fenazaquin          | 120928-09-8 | A, I           | 0.005          |
| Fenfuram            | 24691-80-3  | F              | 0.010          |
| Fenobucarb          | 3766-81-2   | I              | 0.005          |
| Fenoxaprop-P        | 113158-40-0 | H              | 0.010          |
| Fenoxycarb          | 72490-01-8  | I              | 0.005          |
| Fenpropidin         | 67306-00-7  | F              | 0.005          |
| Fenpropimorph       | 67564-91-4  | F              | 0.005          |
| Fenpyrazamine       | 473798-59-3 | F              | 0.005          |
| Fenpyroximate       | 134098-61-6 | A, I           | 0.005          |
| Fenuron             | 101-42-8    | H              | 0.010          |
| Flampropisopropyl   | 52756-22-6  | H              | 0.005          |
| Flampropmethyl      | 52756-25-9  | H              | 0.005          |
| Flazasulfuron       | 104040-78-0 | H              | 0.010          |
| Flocoumafen         | 90035-08-8  | R              | 0.010          |
| Fluazifopbutyl      | 69806-50-4  | H              | 0.005          |
| Fluazifop-P-acid    | 83066-88-0  | H              | 0.005          |
| Flubendiamide       | 272451-65-7 | I              | 0.025          |
| Flufenacet          | 142459-58-3 | H              | 0.005          |
| Flufenoxuron        | 101463-69-8 | I, A           | 0.010          |
| Fluometuron         | 2164-17-2   | H              | 0.010          |
| Fluopicolid         | 239110-15-7 | F              | 0.005          |
| Fluopyram           | 658066-35-4 | F, N           | 0.005          |
| Fluoroglycofenethyl | 77501-90-7  | H              | 0.005          |
| Fluoxastrobin       | 361377-29-9 | F              | 0.005          |
| Flupyradifurone     | 951659-40-8 | I              | 0.005          |
| Fluridone           | 59756-60-4  | F              | 0.005          |
| Flurochloridone     | 61213-25-0  | H              | 0.010          |
| Flurtamone          | 96525-23-4  | H              | 0.005          |
| Flutolanil          | 66332-96-5  | F              | 0.005          |
| Fomesafen           | 72178-02-0  | H              | 0.005          |
| Foramsulfuron       | 173159-57-4 | H              | 0.005          |
| Forchlorfenuron     | 68157-60-8  | W              | 0.010          |
| Formetanat-HCl      | 23422-53-9  | I, A           | 0.005          |
| Fosthiazate         | 98886-44-3  | N, I           | 0.005          |
| Furathiocarb        | 65907-30-4  | I              | 0.005          |
| Halauxifen          | 943832-60-8 | H, M           | 0.010          |

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|--------------------|--------------|----------------|----------------|
| Halauxyfen-methyl  | 943831-98-9  | H              | 0.005          |
| Haloxyfopethyl     | 87237-48-7   | H              | 0.005          |
| Haloxyfopmethyl    | 72619-32-0   | H              | 0.005          |
| Hexaconazol        | 79983-71-4   | F              | 0.005          |
| Hexazinon          | 51235-04-2   | H              | 0.005          |
| Hexythiazox        | 78587-05-0   | A              | 0.005          |
| Imazalil           | 35554-44-0   | F              | 0.010          |
| Imazapyr           | 81334-34-1   | H              | 0.010          |
| Imazaquin          | 81335-37-7   | H              | 0.010          |
| Imazethapyr        | 81335-77-5   | H              | 0.010          |
| Imazosulfuron      | 122548-33-8  | H              | 0.005          |
| Imidacloprid       | 105827-78-9  | I              | 0.005          |
| Indaziflam         | 950782-86-2  | H              | 0.005          |
| Indoxacarb         | 144171-61-9  | I              | 0.005          |
| Iodosulfuronmethyl | 185119-76-0  | H              | 0.005          |
| Iprovalicarb       | 140923-17-7  | F              | 0.005          |
| Isazophos          | 42509-80-8   | I, N           | 0.005          |
| Isofetamid         | 875915-78-9  | F              | 0.005          |
| Isoprothiolan      | 50512-35-1   | F, W           | 0.005          |
| Isoproturon        | 34123-59-6   | H              | 0.005          |
| Isoxaben           | 82558-50-7   | H              | 0.005          |
| Isoxathion         | 18854-01-8   | I              | 0.005          |
| Linuron            | 330-55-2     | H              | 0.005          |
| Malaoxon           | 1634-78-2    | I              | 0.005          |
| Malathion          | 121-75-5     | I, A           | 0.005          |
| Mandestrobin       | 943832-60-8  | F              | 0.005          |
| Mandipropramid     | 374726-62-2  | F              | 0.010          |
| Mefentrifluconazol | 1417782-03-6 | F              | 0.010          |
| Mepanipyrim        | 110235-47-7  | F              | 0.005          |
| Mepronil           | 55814-41-0   | F              | 0.005          |
| Metaflumizone      | 139968-49-3  | I              | 0.005          |
| Metamitron         | 41394-05-2   | H              | 0.010          |
| Metazachlor        | 67129-08-2   | H              | 0.005          |
| Metconazol         | 125116-23-6  | F              | 0.005          |
| Methabenzthiazuron | 18691-97-9   | H              | 0.005          |
| Methiocarb         | 2032-65-7    | I, A           | 0.005          |
| Methiocarb-sulfon  | 2179-25-1    | I, A           | 0.010          |
| Methiocarbsulfoxid | 2635-10-1    | I, A           | 0.010          |
| Methomyl           | 16752-77-5   | I, A           | 0.010          |
| Methoxyfenozid     | 161050-58-4  | I              | 0.005          |

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|------------------------------------------|--------------|----------------|----------------|
| Metobromuron                             | 3060-89-7    | H              | 0.005          |
| Metolachlor                              | 51218-45-2   | H              | 0.005          |
| Metosulam                                | 139528-85-1  | H              | 0.005          |
| Metoxuron                                | 19937-59-8   | H              | 0.010          |
| Metsulfuron-Methyl                       | 74223-64-6   | H              | 0.010          |
| Monolinuron                              | 1746-81-2    | H              | 0.005          |
| Monuron                                  | 150-68-5     | H              | 0.010          |
| N,N-Dimethyl-N'-Phenylsulfamid (DMSA)    | 4710-17-2    | M              | 0.010          |
| N,N-Dimethyl-N'-Tolylsulfonylamid (DMST) | 66840-71-9   | M              | 0.010          |
| Napropamid                               | 15299-99-7   | H              | 0.005          |
| Neburon                                  | 555-37-3     | H              | 0.005          |
| Nitenpyram                               | 120738-89-8  | I              | 0.010          |
| Norflurazon                              | 27314-13-2   | H              | 0.005          |
| Novaluron                                | 116714-46-6  | I              | 0.010          |
| Ofurace                                  | 58810-48-3   | F              | 0.005          |
| Omethoat                                 | 1113-02-6    | I, A           | 0.010          |
| Oxadixyl                                 | 77732-09-3   | F, I           | 0.010          |
| Oxamyl                                   | 23135-22-0   | I, A, N        | 0.010          |
| Oxathiapiprolin                          | 1003318-67-9 | F              | 0.005          |
| Oxycarboxin                              | 5259-88-1    | F              | 0.010          |
| Paclobutrazol                            | 76738-62-0   | W              | 0.010          |
| Penconazol                               | 66246-88-6   | F              | 0.005          |
| Pencycuron                               | 66063-05-6   | F              | 0.005          |
| Penthiopyrad                             | 183675-82-3  | F              | 0.005          |
| Penthiopyrad-Carboxamid                  | 937717-66-3  | M              | 0.005          |
| Pethoxamid                               | 106700-29-2  | H              | 0.005          |
| Phenamacril                              | 39491-78-6   | F              | 0.005          |
| Phenothrin                               | 26002-80-2   | I              | 0.010          |
| Phosphamidon                             | 13171-21-6   | I, A           | 0.005          |
| Phoxim                                   | 14816-18-3   | I              | 0.005          |
| Picoxystrobin                            | 117428-22-5  | F              | 0.005          |
| Pirimicarb                               | 23103-98-2   | I              | 0.005          |
| Pirimicarb, Desmethyl-                   | 30614-22-3   | I              | 0.010          |
| Prochloraz                               | 67747-09-5   | F              | 0.005          |
| Promecarb                                | 2631-37-0    | I              | 0.005          |
| Propachlor                               | 1918-16-7    | H              | 0.005          |
| Propaquizafop                            | 111479-05-1  | H              | 0.010          |
| Propargite                               | 2312-35-8    | A              | 0.005          |
| Propoxur                                 | 114-26-1     | I              | 0.005          |
| Proquinazid                              | 189278-12-4  | F              | 0.005          |
| Prosulfocarb                             | 52888-80-9   | H              | 0.005          |

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| Prosulfuron           | 94125-34-5  | H              | 0.005          |
| Prothoat              | 2275-18-5   | I, A           | 0.005          |
| Pyraclostrobin        | 175013-18-0 | F              | 0.010          |
| Pyraflufen-ethyl      | 129630-19-9 | H              | 0.005          |
| Pyridaben             | 96489-71-3  | I, A           | 0.005          |
| Pyrifenox             | 88283-41-4  | F              | 0.025          |
| Pyrimethanil          | 53112-28-0  | F              | 0.005          |
| Pyriofenon            | 688046-61-9 | F              | 0.005          |
| Pyriproxyfen          | 95737-68-1  | I              | 0.005          |
| Pyrisoxazol           | 847749-37-5 | F              | 0.005          |
| Pyroxsulam            | 422556-08-9 | H              | 0.005          |
| Quinoxyfen            | 124495-18-7 | F              | 0.005          |
| Quizalofopethyl       | 100760-10-9 | H              | 0.005          |
| Quizalofop-tefuryl    | 119738-06-6 | H              | 0.005          |
| Rimsulfuron           | 122931-48-0 | H              | 0.005          |
| Rotenon               | 83-79-4     | I, A           | 0.005          |
| Saflufenacil          | 372137-35-4 | H              | 0.010          |
| Spinetoram J          | 187166-40-1 | I              | 0.005          |
| Spinetoram L          | 187166-15-0 | I              | 0.005          |
| Spinosad              | 168316-95-8 | I              | -              |
| Spinosin A            | 131929-60-7 | I              | 0.010          |
| Spinosin D            | 131929-63-0 | I              | 0.010          |
| Spiromesifen          | 283594-90-1 | I, A           | 0.005          |
| Spirotetramat         | 203313-25-1 | I              | 0.005          |
| Spiroxamin            | 118134-30-8 | F              | 0.010          |
| Sulfentrazone         | 122836-35-5 | H              | 0.010          |
| Sulfosulfuron         | 141776-32-1 | H              | 0.005          |
| Sulfoxaflor           | 946578-00-3 | I              | 0.010          |
| Tebuconazol           | 107534-96-3 | F              | 0.005          |
| Tebufenozide          | 112410-23-8 | I              | 0.005          |
| Tebufenpyrad          | 119168-77-3 | A              | 0.005          |
| Tebutam               | 35256-85-0  | H              | 0.005          |
| Tebuthiuron           | 34014-18-1  | H              | 0.005          |
| Tetraconazol          | 112281-77-3 | F              | 0.005          |
| Thiabendazol (TBZ)    | 148-79-8    | F              | 0.005          |
| Thiacloprid           | 111988-49-9 | I              | 0.005          |
| Thiamethoxam          | 153719-23-4 | I              | 0.010          |
| Thifensulfuron-methyl | 79277-27-3  | H              | 0.005          |
| Tolfenpyrad           | 129558-76-5 | I              | 0.010          |
| Triasulfuron          | 82097-50-5  | H              | 0.005          |
| Tricyclazol           | 41814-78-2  | F              | 0.005          |

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|----------------------|-------------|----------------|----------------|
| Trifloxystrobin      | 141517-21-7 | F              | 0.005          |
| Trifloxysulfuron-Na  | 145099-21-4 | H              | 0.005          |
| Triflumizole         | 68694-11-1  | F              | 0.005          |
| Triflusulfuronmethyl | 126535-15-7 | H              | 0.005          |
| Triticonazol         | 131983-72-7 | F              | 0.010          |

\* applications: A Acaracide, F Fungicide, H Herbicide, I Insecticide, M Metabolit,  
N Nematocide, O others, S Synergist, W Plant growth regulator

\*\* RL: reporting limit is validated according SANTE/11312/2021v2026. The lowest level  
at which residues will be reported as absolute numbers. The RL mentioned  
for the single pesticide components is based on foodstuff produced from plant material.  
In other products and in rare special cases the limit may be higher depending on the  
individual matrix.