# YOOTEST AGRICULTURAL PESTICIDES

| Name of the pollutant | CAS # | Category | ANALYSIS ESSENTIAL | ANALYSIS INTEGRAL |
|---|---|---|---|---|
| **4,4-DDD** | 72-54-8 | I / POP / OC | | ● |
| **4,4-DDE** | 72-55-9 | I / POP / OC | | ● |
| **4,4-DDT** | 50-29-3 | I / POP / OC | | ● |
| **Acephate** | 30560-19-1 | I | | ● |
| **Acetamipride** | 135410-20-7 | I | ● | ● |
| **Acetochlore** | 34256-82-1 | H / OC | | ● |
| **Aclonifen** | 74070-46-5 | H / OC | ● | ● |
| **Alachlore** | 15972-60-8 | H | | ● |
| **Aldrine** | 309-00-2 | I / POP / OC | | ● |
| **Allethrin** | 584-79-2 | I / Py | | ● |
| **Alpha-HCH / α-HCH** | 319-84-6 | I / POP / OC | | ● |
| **Ametoctradine** | 865318-97-4 | F | ● | ● |
| **Atrazine** | 1912-24-9 | H / Tr / OC | | ● |
| **Azoxystrobine** | 131860-33-8 | F | ● | ● |
| **Beta HCH / β-HCH** | 319-85-7 | I / POP / OC | | ● |
| **Beta-Cyfluthrin / β-Cyfluthrin** | 68359-37-5 | I / OMS / Py / OC | | ● |
| **Bifenthrin** | 82657-04-3 | I / Py / OC / OF | | ● |
| **Boscalid** | 188425-85-6 | F / OC | ● | ● |
| **Carbendazime** | 10605-21-7 | F | | ● |
| **Carfentrazone-ethyle** | 128639-02-1 | H / OC / OF | ● | ● |
| **Chlordane-alpha** | 5103-71-9 | I / POP / OC | | ● |
| **Chlordane-gamma** | 5103-71-9 | I / POP / OC | | ● |
| **Chlorpyriphos-éthyle** | 2921-88-2 | I / OP | | ● |
| **Chlorpyriphos-methyle** | 5598-13-0 | I / OP | | ● |
| **Chlortoluron** | 15545-48-9 | H | ● | ● |
| **Clomazone** | 81777-89-1 | H | ● | ● |
| **Cypermethrin** | 52315-07-8 | I / OMS / Py / OC | ● | ● |
| **Cyprodinil** | 121552-61-2 | F | ● | ● |
| **Deltamethrin** | 52918-63-5 | I / Py / OB | ● | ● |
| **Diazinon** | 333-41-5 | I / OP | | ● |
| **Dieldrin** | 60-57-1 | I / POP / OC | | ● |
| **Difenoconazole** | 119446-68-3 | F | ● | ● |

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| **Diflufenican** | 83164-33-4 | H / OF | ● | ● |
| **Dimethoate** | 60-51-5 | I / OP | | ● |
| **Dimethomorphe** | 110488-70-5 | F / OC | ● | ● |
| **Diuron** | 330-54-1 | H / OC / Ur | | ● |
| **Endosulfan-alpha** | 959-98-8 | I / POP / OC | | ● |
| **Endosulfan-beta** | 33213-65-9 | I / POP / OC | | ● |
| **Endrine** | 319-84-6 | I / POP / OC | | ● |
| **Epoxiconazole** | 133855-98-8 | F / OC / OF | | ● |
| **Fenamidone** | 161326-34-7 | F | | ● |
| **Fenhexamide** | 126833-17-8 | F / OC | ● | ● |
| **Fipronil** | 120068-37-3 | I / OC / OF | | ● |
| **Fipronil sulfone** | 120068-36-2 | M / OC /OF | | ● |
| **Fluazinam** | 79622-59-6 | F / OF | ● | ● |
| **Fludioxonil** | 131341-86-1 | F | ● | ● |
| **Flufenoxuron** | 101463-69-8 | I / OF | | ● |
| **Fluopyram** | 658066-35-4 | F | ● | ● |
| **Flusilazole** | 85509-19-9 | F / TAz / OF | | ● |
| **Heptachlore** | 76-44-8 | I / POP / OC | | ● |
| **Imidacloprid** | 138261-41-3105827-78-9 | I / Ne / OC | | ● |
| **Iprovalicarb** | 140923-17-7 | F / Ca | ● | ● |
| **Isoproturon** | 34123-59-6 | H | | ● |
| **Isoxaben** | 82558-50-7 | H | ● | ● |
| **Kresoxim-methyle** | 143390-89-0 | F | ● | ● |
| **Lambda-Cyhalothrin / λ-Cyhalothrin** | 91465-08-6 | I / Py / OC / OF | ● | ● |
| **Lindane / γ-HCH** | 58-89-9 | I / POP / OC | | ● |
| **Linuron** | 330-55-2 | H | | ● |
| **Lufenuron** | 103055-07-8 | I / OF | | ● |
| **Malathion** | 121-75-5 | I / OMS / OP | | ● |
| **Mepanipyrim** | 110235-47-7 | F | ● | ● |
| **Metalaxyl** | 70630-17-0 | F | ● | ● |
| **Methomyl** | 16752-77-5 | I / Ca | | ● |
| **Metolachlor** | 51218-45-2 | H / OC | ● | ● |

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| **Metribuzin** | 21087-64-9 | H | ● | ● |
| **Mirex** | 2385-85-5 | I / POP / OC | | ● |
| **Myclobutanil** | 88671-89-0 | F / TAz / OC | | ● |
| **Oxadiazon** | 19666-30-9 | H / OC | | ● |
| **Oxadixyl** | 77732-09-3 | F | | ● |
| **Oxyfluorfen** | 42874-03-3 | H / OC / OF | ● | ● |
| **Parathion-méthyle** | 298-00-0 | I / OMS / OP | | ● |
| **Penconazole** | 66246-88-6 | F / TAz / OC | ● | ● |
| **Pendimethaline** | 40487-42-1 | H | ● | ● |
| **Pentachloroanisole** | 1825-21-4 | M | | ● |
| **Pentachlorophenol** | 87-86-5 | I / POP / OC | | ● |
| **Permethrin** | 52645-53-1 | I / Py / OC | | ● |
| **Phosmet** | 732-11-6 | I / OP | ● | ● |
| **Piperonyl Butoxide** | 51-03-6 | I / Sy | ● | ● |
| **Propiconazole** | 60207-90-1 | F / OC | | ● |
| **Propoxur** | 114-26-1 | I | | ● |
| **Propyzamide** | 23950-58-5 | H | ● | ● |
| **Prosulfocarb** | 52888-80-9 | H | ● | ● |
| **Pyraclostrobine** | 175013-18-0 | F / OC | ● | ● |
| **Pyrimethanil** | 53112-28-0 | F | ● | ● |
| **Pyrimiphos-méthyle** | 29232-93-7 | I / OP | ● | ● |
| **Quinoxyfen** | 124495-18-7 | F / OC / OF | | ● |
| **Simazine** | 122-34-9 | H / Tr | | ● |
| **Spiroxamine** | 118134-30-8 | F | ● | ● |
| **Tebuconazole** | 107534-96-3 | F | ● | ● |
| **Tebufenozide** | 112410-23-8 | I | ● | ● |
| **Tétrachlorvinphos** | 22248-79-9 | I / OP / OC | | ● |
| **Tetraconazole** | 112281-77-3 | F | ● | ● |
| **Tetramethrin** | 7696-12-0 | I / Py | | ● |
| **Thiaclopride** | 111988-49-9 | I / Ne | | ● |
| **Transfluthrin** | 118712-89-3 | I / Py / OC / OF | | ● |
| **Triadimenol** | 55219-65-3 | F / TAz / OC | | ● |

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|---|---|---|---|---|
| **Trifloxystrobine** | 141517-21-7 | F / OF | ● | ● |
| **Trifluraline** | 1582-09-8 | H / OF | | ● |
| **Zoxamide** | 156052-68-5 | F / OC | ● | ● |

CAS # : Chemical Abstract Service www.cas.org unique reference number for each chemical
I: Insecticide, H: Herbicide, F: Fungicide
WHO: World Health Organisation
POP: Persistent Organic Pollutant (Stockholm / Rotterdam Convention)
Py: Pyrethroid, Sy: Synergist, Ne: Neonicotinoid
OP: Organophosphate, OC: Organochlorine, OF: Organofluorine, OB: Organobromine

YOOTEST allows you to **test the quality of your indoor air with great accuracy**. Selected pollutants are **measured in the laboratory** using state-of-the-art technology to **ensure measurements below the international health reference values** for the most hazardous air pollutants in indoor air.

**Two types of analysis are proposed:**

## *ESSENTIAL*

Pesticides are commonly used in conventional agriculture to treat crops.

The list of pesticides analyzed only includes substances that have been authorized for marketing in France (source ephy.anses.fr consulted in March 2022).

The ESSENTIEL version enables the precise measurement of indoor air pollution by insecticides, **fungicides and herbicides used in agriculture.**

## *INTEGRAL*

The **INTEGRAL** level analysis includes **all ESSENTIAL level chemicals as well as an extensive list of other pesticides and biocides** common in indoor air and of health concern.

All these chemicals are of **significant toxicity to humans** and are frequently measured in indoor air quality surveys.

The presence of these chemicals should be monitored, especially for **pregnant women, children and people with heart and respiratory conditions.**