

Your reasons for choosing Eurofins :

- **Fast delivery** of results thanks to in-house expertise in analysis technologies,
- Eurofins OnLine (EOL) is **an online platform accessible 24 hours a day** for ordering and consulting your reports and results online,
- An independent **laboratory recognized by the French Ministry of Agriculture and Food and by the Belgian authorities** (Federal Agency for the Safety of the Food Chain - FASFC),
- **Accredited seed analysis by the COmité FRançais d'ACcréditation (COFRAC Essais n° 1-5364**, scope available on www.cofrac.fr) and recognized methods (by ANSES, ISTA & ISF),
- A **high level of know-how** thanks to a team with technical and scientific expertise in ELISA, PCR, real-time PCR, spreads, visual identification, biological tests on plants.



How to ensure, control and manage the quality of your seeds?

Discover all our solutions for Plant Pathology analysis

Want to know more?

Our experts are at your disposal to assess your risks and define appropriate control plans.

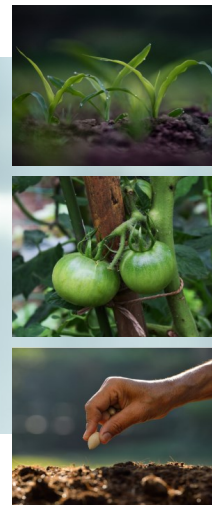
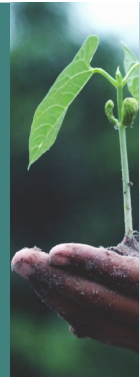
Contact us now :

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Aware of your issues and challenges, Eurofins and its Plant Pathology Laboratory are at your side with recognized, rapid solutions that live up your requirements.

Issues and requirements of the plant seed industry

You are an actor of the plant seed industry (seed multipliers, seed breeders, distributors or users of seeds).

As the starting point of any plant production, seed is a key input in the development of a crop.

Your mission is to **produce, sell or plant healthy, pest-free seeds** to support

a sustainable agriculture, improve yields and ensure crop safety for your customers.

You evolve in a globalized market with **important risks of pathogen spreading and strict normative rules** (phytosanitary certificate, import permit).



Eurofins, your trusted partner

Eurofins and its Plant Pathology Laboratory, **committed to the seed industry for more than 30 years**, offer you all the expertise and performance of their teams and their analytical tools to meet all your needs and assist you in your mission.

Eurofins supports you on :

- **Seed purity control** either with respect to national and international standards and / or with respect to a certification scheme,
- **Varietal identification, seed quality control and markers assisted selection** (SSRs, AFLP, SNPs),
- Implementation of **preventive, surveillance and compulsory control measures**,
- Control of **emerging risks** in seed health.



Eurofins labs offer a comprehensive range of **accredited*** (in blue), **French approved** (in red) and **targeted tests** according to seed varieties and matrices:

Variety/Matrix	Targeted pathogen
Tomato, pepper	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> , <i>Xanthomonas</i> spp., <i>Pseudomonas syringae</i> pv. <i>tomato</i> , <i>Virus de la mosaïque du pépino</i> (PepMV), <i>Tobamovirus</i> (TMV/ToMV/PMMoV/ToBRFV) 8 Pospiviroid species
Potato, soil	<i>Heterodera punctata</i> + <i>schachtii</i> , <i>Meloidogyne</i> spp., <i>M. Chitwoodi</i> + <i>M. Fallax</i> , <i>Heterodera</i> spp., <i>Ditylenchus dipsaci/destroyer</i> , <i>Globodera</i> spp. <i>rostochiensis</i> G. <i>pallida</i> , <i>Ralstonia solanacearum</i> , <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> , blackleg bacteria PVY BNYVV, <i>Aphanomyces</i>
Bean, peas	<i>Pseudomonas savastanoi</i> pv. <i>phaseolicola</i> , <i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i> , <i>Pseudomonas syringae</i> pv. <i>syringae</i> , <i>Pseudomonas syringae</i> pv. <i>pisi</i> , <i>Asochya</i> 'Pisi PSBMV
Carrot, corn, coriander, lamb's lettuce, cabbage, alfalfa, beet, lettuce	<i>Pantoea stewartii</i> , <i>Acidovorax valerianellae</i> , <i>Candidatus liberibacter solanacearum</i> , <i>Ditylenchus dipsaci/destroyer</i> , <i>Phoma valerianellae</i> , BNYVV, LMVPhoma <i>valerianellae</i> , <i>Xanthomonas hortorum</i> pv. <i>carotae</i>
Cucurbitaceae	CGMMV, SQMV, MNSV, KGMMV, CMV, ZGMMV
Bulb, Allium	<i>Ditylenchus dipsaci/destroyer</i> , OYDV, LYSV <i>Xanthomonas axonopodis allii</i>

* COFRAC Essais n° 1-5364, scope available on www.cofrac.fr



In addition to these targeted analyses, Eurofins provides you with :

DNA Multiscan : a unique service based on **PCR technology to detect, in a rapid test, a wide range of fungi and bacteria species**, either in water, plant and soil / soil samples/ substrate (up to 60 pathogens tested in a single analysis).

Plant Doctor : diagnostic tool to quickly identify diseases or anomalies in your crop. On your symptomatic plant sample, our experts conduct an in-depth research for plant pathogens to help you protect your crops.

NEW ! Disease Resistance Screening : germplasm screening to detect resistant lines quickly and efficiently in most vegetable crops.