

Catherine Lenoir

PhD in Plant physiology



Profile

66 years old
Seniority : 34 years,
associate
Italian
English

Seeds

Crop protection

Phytosanitary products

Agro-food

Food safety

Biotechnologies

Animal feed

Fondation de France award recipient
Member of Association Française de Protection des Plantes

Education

PhD in Plant Physiology

CNRS – Université Paris VI

Master of Sciences biochemical specialist

Professional background

Dow-Prochimagro – Dow Chemical Group Agro Chemistry subsidiary

Technical Support Engineer
Recommendations and monitoring of phytosanitary products' usage

UNESCO

Technical Centre for Tropical Forests

Supervising foreign researchers

Canadian Grain Commission in Winnipeg (Canada)

Researcher, Studies on Brewery Malt Enzymes

C.N.R.S.

Laboratory of Post-Harvest Plant Organ Physiology

Research Associate

Catherine Lenoir

PhD in Plant physiology

Key areas of expertise

Plant Material

- Genetic problems in seed production
- Seed mixtures
- Germination issues with seed supplies
- Plant diseases
- Production deficit in vegetable crops, fruit crops, horticultural and major crops
- Viroid and bacterial contamination of farming and horticultural greenhouses
- Flawed conservation of plants or roots in cold storage
- Flawed conservation of fruit in controlled environment

Agro-Chemistry

- Damage assessment in major serial claims, with power to negotiate compensation
- Phytotoxicity of phytosanitary products (herbicides, insecticides, fungicides, etc.)
- Errors in formulation or production of fertilizers and phytosanitary products
- Faulty use of fertilizers or phytosanitary products
- Faulty or toxic composition of potting soils
- Seed coating flaws
- Poorly-controlled biotechnology applications in agriculture

Agro-Food

- Damage assessment in major serial claims, with power to negotiate compensation
- Presence of GMOs in raw materials and processed foods
- Pollution by foreign bodies of products intended for human consumption and pharmaceuticals
- Denaturing of wine taste (chemical treatment on vineyards, treatment of frame wood, cork taste, etc.)
- Chemical non-compliance in wines
- Non-compliant raw materials in industrial production
- Sanitary product defects – poisoning
- Biological contamination of food stuff (mycotoxins, insects, etc.)

Animal Nutrition

- Claims about quality of raw materials or finished products
- Use of prohibited or faulty animal meals
- Faulty design of food formulae

Environment

- Pollution by air release of agro-chemical products
- Leaks from liquid fertiliser storage tanks
- Soil and river pollution by agro-chemical products or hydrocarbons

Financial Losses

- Operating and financial losses in farming and agro-food production