



TÜRKIYE-EU COOPERATION SCHEME ON HAZELNUTS, COLLABORATION ON PLANT HEALTH IN HAZELNUTS, 2023/12/20th

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copa***cogeca**
european farmers european agri-cooperatives

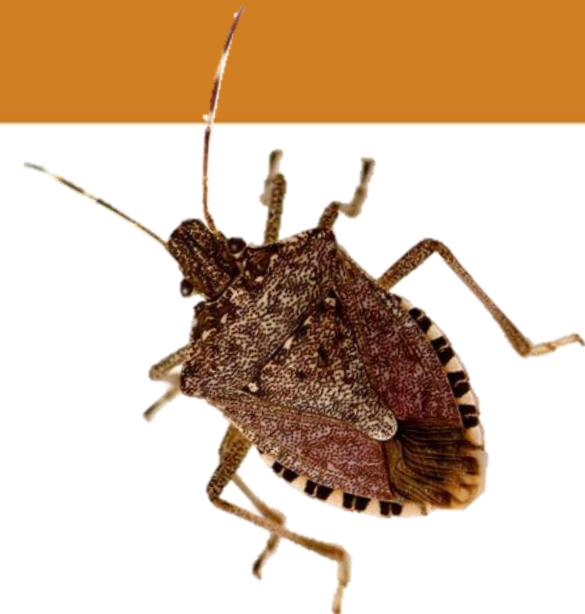
Main pests, diseases in the EU hazelnut orchards : FRANCE situation

PESTS	DISEASES
Curculio nucum	Cryptosporiopsis tarraconensis
Halyomorpha halys	Cytospora Corylicola
Palomena Prassinata	Sphaceloma Coryli
Phytoptus Avellanae	
Mites : Tetranychus urticae,	Xanthomonas
Mites : Eotetranychus Carpinii	
Aphids : Myzocallis Corylii	
Aphids : Corylobium avellanae	
legend	
High Pressure	Moderate pressure
Elevate Pressure	legere pression





Main pests



Plant protection products in the EU French hazelnut orchards : Pests

Classification	Colour
Good control	Green
Moderate control	Yellow
Difficult control	Orange
Ineffective control	Red

ACTIVE INGREDIENT	Commercial Specialities	Curculio nucum	Halyomorpha Halys	Palomena prasina	Myzocallis coryli	Phytoptus Avelanae	Tetranychus urticae panonychus Ulmi	Zeuzera Pirina
Lambda-Cyhalothrin	<i>Karaté Zeon, Lambdastar</i>	Yellow	Yellow	Yellow	Green			
Lambda-Cyhalothrin + pirimicarbe	<i>Karaté K</i>				Green			
Deltamethrin	<i>Décis Protech, Deltastar</i>	Derogation 2023 only						
Soufre	<i>Microthiols spécial disperss</i>					Red	Yellow	
Huile de parafine	<i>Polithiol</i>					Red	Yellow	
Bacillus thuringensis	<i>Delfin</i>							Red

source : Ephy.anses.fr



Plant protection products in the EU

French hazelnut orchards : Pests



* French growers only have insecticides from one chemical family :

* *The perythenoïdes*

* This family have **only 60% effect** on our main pests :

* *Curculio Nucum*

* *Haliomorpha Halys*

* Between one chemical with 95% effectiveness and another one with 60% :

* **Losses are multiplied by 8**

* **Costs increased of 68%**



Plant protection products in the EU

French hazelnut orchards : Diseases

ACTIVE INGREDIENT	Commercial Specialities	Cytospora corylicola	Cryptosporiopsis tarraconensis	Sphalema Coryli	Xanthomonas corylicola
Tébuconazole	<i>Horizon Arbo</i>	Good control	Good control	Good control	
Boscalid + pyrachlostrobin	<i>Signum</i>			Moderate control	
Cooper compounds					Good control
source : Ephy.anses.fr					

Classification	Colour
Good control	Green
Moderate control	Yellow
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Plant protection products in the EU French hazelnut orchards : WEEDS

Active Ingredient	Commercial Specialitie	Action Type and Kind of Weed	Avenir
Carfentrazone-ethyl	Spotlight Plus	Contact action No Selective	
Glyphosate	NB Specialities	Systemic action No selective	very compromise ??
Isoxaben	Cent 7	anti germinal action Dicotyledone only	
Fluazifop-p-butyl	Fusilade Max	systemic action on Graminea only	compromise
source : Ephy.anses.fr			



Hazelnut pest Management is a very high level of practice in the EU, but :

- * **The pressure of pests become higher and higher linked to climatic changes.**
- * **The economic impact of pest and diseases are very high and added to other parameters such as frost and drought...**
- * **Actives ingredients allowed are very limited in number and in number of application, and therefore insufficiently effective.**
- * **Hazelnut is considered as minor use, a little interest for phytosanitary companies.**
- * **The level of pesticides residues is perfectly controlled by growers**
- * **The EU regulation on pesticides affects drastically french hazelnut production in terms of quantity and quality**
- * **No hazelnut from Turkey, Chile or USA could be grown in France and EU**
 - * **Mirror measures should be studied**



Thank you for your attention

