

## Caisse Phyto Forêt (Forest protection and provident fund) / Traitment against fomes



The Caisse Phyto Forêt, a South-West France forest protection and provident fund, was created at the initiative of the South-West France Forestry Syndicate in 2013 to provide concrete phytosanitary solutions for the Landes de Gascogne massif. The purpose of this association (law 1901) is to act in matters of uninsurable phytosanitary risks. The Caisse Phyto Forêt is working on the development of a method to prevent the contamination of stumps and healthy trees by the fomes, a root fungus that causes significant damage to conifers by reducing the quality of the wood and causing mortality in stands.

Currently, the dosage of the blue dye recommended by the manufacturer does not allow, in certain cases, to sufficiently color the product and to verify the correct application of the product. It would be necessary to multiply by 3 or 4 the dose of dye necessary, meaning an additional cost for the operator and thus the forest owner.

Operators and contractors must undergo training to obtain a plant protection product certificate (CERTI-PHYTO).

It is now necessary to communicate more widely with the foresters of the massif in order to encourage them to treat the strains and stem the spread of contaminations.

In order to avoid contamination of the stands, the treatment against fomes is applied to each cut of wood (depressing, thinning, and clearcutting). The product to be used is a powder to be diluted in water containing spores and mycelia of a fungus endemic to the massif, the *Phlebiopsis gigantea* natural strain VRA-1835, with an antagonistic action to the development of the resinous fomes. The only one approved in France is the Rotstop, manufactured and sold by AROLE. As the mixture is colourless, a blue dye should be added to check the correct spray on the stumps.

Application must be made within 3 hours after cutting, either by manual painting or mechanical spraying by adapting systems at the harvester head: using a guide spraying the product through holes distributed along the guide, or with a nozzle that sprays the product in a single outlet. The solution is then spread over the stumps when the trees are cut.

Loggers need to equip their machines with one of two systems to automate processing.

Treatment can take place throughout the year and to be effective, 80% of stumps must be treated.

## DETALJI

---

### PODRIJETLO DRVA

Šuma

### VRSTA DRVA

Deblo

### ODGOVARAJUĆA VRSTA DRVA

Stemwood

### UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Protection of healthy trees contamination by fomes with registered products

### UČINAK NA PRIHOD

NA

### POTENCIJAL ISKORISTIVOSTI

--

### SREDIŠTE

--

### GOSPODARSKI UČINAK

Implies an additional cost for forest owners

### POTREBNA POSEBNA ZNANJA

### POTENCIJAL ZA POVEĆANJE UPORABE DRVA

NA

### POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

### JEDNOSTAVNOST PROVEDBE

Medium: need to adapt harvesting machines with new product dispersion systems

### JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

### KLJUČNI PREDUVJETI

NA

### VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

### UČINAK NA ZAPOŠLJIVOST

NA

### TROŠKOVI PROVEDBE (EURO - €)

--

For users : training in the use of plant protection products

## VIŠE DETALJA

---

### IZAZOV

--

### DOMENA

Upravljanje šumama, uzgoj šuma, usluge  
ekosustava, otpornost

Nepovoljni prirodni uvjeti, rizici, odgovor na  
katastrofe

### VRSTA RJEŠENJA

--

### KLJUČNE RIJEČI

--

### DIGITALNO RJEŠENJE

Ne

### INOVACIJA

Ne

### ZEMLJA PODRIJETLA

Francuska

### PODRUČJE PRIMJENE

Regionalno / podnacionalno

### POČETAK I KRAJ GODINE

2013 -

### KONTAKT PODATCI

---

#### VLASNIK ILI AUTOR

#### IZVJESTITELJ

contact@maisondelaforet.fr

### REFERENCES AND RESOURCES

---

#### GLAVNA WEB STRANICA

<http://www.maisondelaforet-sudouest.com/tag/caisse-phyto-foret/>

#### IZVORI

--

#### WEB STRANICA PROJEKTA

--

#### REFERENCA PROJEKTA

--

---

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

18 ruj 2019

---



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

---

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

