

## 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.

## DETALII

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### SURSA DE LEMN

Pădure

### TIPUL DE LEMN

Lemn masiv

### POTENȚIALUL DE MOBILIZARE

NA

### POTENȚIAL DE SUSTENABILITATE - VALOARE

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### TIPUL DE LEMN ÎN CAUZĂ

Stemwood

### FACILITATEA DE IMPLEMENTARE

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

### IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

Protection of healthy trees contamination by fomes with registered products

### FACILITATEA DE IMPLEMENTARE - EVALUARE

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### EFFECT ASUPRA VENITURILOR

NA

### CONDIȚII CHEIE PREALABILE

NA

### POTENȚIAL DE EXPLOATARE

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### TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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### HUB

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### EFFECT ASUPRA LOCURILOR DE MUNCĂ

NA

### IMPACT ECONOMIC

Implies an additional cost for forest owners

### COSTURI PENTRU IMPLEMENTARE (EURO - €)

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### CUNOȘTINȚE SPECIFICE NECESARE

For users : training in the use of plant protection products

## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

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### DOMAIN

Managementul pădurilor, silvicultura, servicii  
ecosistemice, reziliență  
Perturbări ale pădurilor, riscuri, răspuns la dezastre

### TIP DE SOLUȚIE

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### CUVINTE CHEIE

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### SOLUȚIE DIGITALĂ

Nu

### INOVAȚIE

Nu

### ȚARA DE ORIGINE

Franța

### SCARA DE APLICARE

Regional/ sub-național

### ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

2013 -

## DATE DE CONTACT

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### PROPRIETAR SAU AUTOR

### REPORTER

contact@maisondeforet.fr

## REFERENCES AND RESOURCES

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### PAGINĂ WEB

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

### RESURSE

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### WEBSITE PROJECT

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### REFERINȚĂ PROIECT

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PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATĂ ACEASTĂ FIȘĂ INFORMATIVĂ

Rosewood

DATA POSTĂRII

18 Sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

