



Catalogue de services Opérations forestières 2021-2022

<https://library.fpinnovations.ca/en/permalink/fpipub8028>

Author: FPInnovations
 Date: Mars2021
 Material Type: Pamphlet
 Physical Description: 25 p.
 Sector: Forest Operations
 Field: Fibre Supply
 Research Area: Forestry
 Subject: Biomass
 Calculator
 DiagFor
 Diagnosis
 Drones
 Fiber supply
 Forest fires
 Forest operations
 FPInnovations
 Harvesting
 Indigneous forestry
 Machinery
 Roads
 Silviculture
 Soft soil
 Transportation
 Training
 Trucks

Series Number: Pamphlet ; 2021

Language: French

Abstract: Les services offerts liés aux opérations forestières sont décrit dans cette brochure. Les informations sur les ateliers, les services professionnels, la bibliothèque virtuelle, les outils en ligne et les possibilités d'interventions sont détaillées.

Documents



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L'économie de carburant dans les opérations forestières, ça se mesure!

<https://library.fpinnovations.ca/en/permalink/fpipub8235>

Author: Mercier, Guyta
Roy, Vincent

Date: 2017

Material Type: Technical note

Physical Description: 1 p.

Sector: Forest Operations

Field: Fibre Supply

Research Area: Forestry

Subject: Fuel consumption
Machinery
Test de consommation de carburant
Machinerie hors route
Intensité énergétique
Circuits hydrauliques
Abatteuse-groupeuse
Débardeur à grappin
Excavatrice
Affûtage des dents de la scie
Façonneuse

Series Number: OT 257

Language: French

Abstract: Since the cost of fuel is an important factor in the use of off-road equipment, it is to the advantage of every machine owner to make the most of this necessary expense. Certain work habits and operational factors influence fuel consumption. Recent trials conducted by FPInnovations researchers have explored some ways to improve fuel intensity and measure the savings.

Abstract:

Puisque le coût du carburant est un facteur important dans l'utilisation des équipements hors route, il est à l'avantage de tout propriétaire de machine de tirer le maximum de cette dépense nécessaire. Certaines habitudes de travail et facteurs opérationnels ont une influence sur la consommation de carburant. De récents essais menés par les chercheurs de FPInnovations ont permis d'explorer certaines pistes d'amélioration de l'intensité énergétique et de mesurer les économies.

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Downsizing skidders with high-flotation tires

<https://library.fpinnovations.ca/en/permalink/fpipub43505>

Author: Novak, W.P.
Date: 1988
Material Type: Research report
Physical Description: 6 p.
Sector: Forest Operations
Field: Fibre Supply
Research Area: Forestry
Subject: Costs
Fuel consumption
Machinery
Productivity
Skidders
Tires
Soft soil

Series Number: Technical Notes

Language: English

Abstract: The objective of this study was to assess the potential for downsizing skidder requirements on soft ground through the use of high-flotation tires. The test was designed to compare the relative performance of a 90-kw skidder with conventional tires and chains to that of a 67-kw skidder equipped with high-flotation tires. The comparison criteria were short-and long-term productivity, fuel consumption, ground disturbance and operating costs. The trial was performed in the Abitibi region of Quebec under contract to the Ministère de l'Énergie et des ressources du Québec.

Documents



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Maintenance strategies for contractors

<https://library.fpinnovations.ca/en/permalink/fpipub53302>

Date: 2000
Material Type: audiovisual
Physical Description: Video ; 1:07:55 min.
Sector: Forest Operations
Field: Fibre Supply
Subject: Machinery
Contractors
Forest operations
Maintenance
Strategies
Series Number: FERIC Video Series
Language: English
Abstract: A presentation on the maintenance strategies prepared by FERIC

Video Tracks



Préparation de terrain en conditions difficiles : quoi faire? = Field preparation in difficult conditions: what to do?

<https://library.fpinnovations.ca/en/permalink/fpipub8155>

Author: Mercier, Guyta
Desrochers, Luc
Date: 2020
Material Type: Pamphlet
Physical Description: 2 p.
Sector: Forest Operations
Field: Fibre Supply
Research Area: Forestry
Subject: Machinery
Disk refiners
Préparation de terrain
Microsites
Machinerie
Déblaiement
Buteur
Scarificateur à disques
Excavatrice
Grille décisionnelle
Series Number: OT 282

Language: French

Abstract: The Gaspé Peninsula presents several particularities that are manifested even at the level of the ground conditions after cutting. These are characterized by a large quantity of logging residue, high stumps, numerous residual trees high stumps, numerous residual trees, strong competition and competition and steep terrain making site preparation operations making site preparation operations difficult. A study conducted by FPInnovations in the summer of 2018 resulted in the development a decision grid, adapted to the conditions encountered in the conditions encountered in the Gaspé Peninsula, allowing the identification of the best preparation technique based on the best cost per microsite ratio.

Abstract: La Gaspésie présente plusieurs particularités qui se manifestent même au niveau des conditions de terrain après coupe. Celles-ci sont caractérisées par une grande quantité de résidus de coupe, des souches hautes, de nombreux arbres résiduels, une forte compétition et des terrains escarpés rendant les opérations de préparation de terrain difficiles. Une étude menée par FPInnovations à l'été 2018 a permis de développer une grille décisionnelle, adaptée aux conditions rencontrées en Gaspésie, permettant d'identifier la meilleure technique de préparation de terrain en fonction du meilleur rapport coût par microsite.

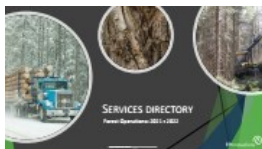
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Services directory Forest Operations 2021-2022

<https://library.fpinnovations.ca/en/permalink/fpipub8027>

Author: FPInnovations

Date: March 2021

Material Type: Pamphlet

Physical Description: 25 p.

Sector: Forest Operations

Field: Fibre Supply

Research Area: Forestry

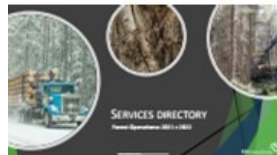
Subject: Biomass
Calculator
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Fiber supply
Forest fires
Forest operations
FPInnovations
Harvesting
Indigenous forestry
Machinery
Roads
Silviculture
Soft soil
Transportation
Training
Trucks

Series Number: Pamphlet ; 2021

Language: English

Abstract: The services offered related to forest operations are outlined in this general brochure. Information on workshops, professional services, virtual library, online tools and opportunities for assessment and support are detailed.

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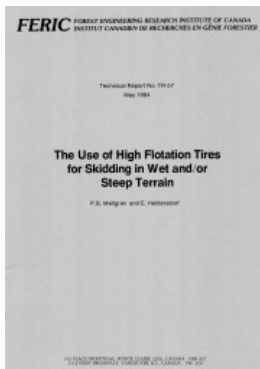


Les stratégies d'entretien pour les entrepreneurs

<https://library.fpinnovations.ca/en/permalink/fpipub7804>

Date: 2000
Material Type: audiovisual
Physical Description: Video ; 57:15 min.
Sector: Forest Operations
Field: Fibre Supply
Subject: Machinery
Contractors
Forest operations
Maintenance
Strategies
Series Number: FERIC Video Series
Language: French
Abstract: Une présentation de FERIC

Video Tracks



The use of high flotation tires for skidding in wet and/or steep terrain

<https://library.fpinnovations.ca/en/permalink/fpipub43287>

Author: Heidersdorf, E.
Mellgren, P.G.

Date: 1984

Material Type: Research report

Physical Description: 48 p

Sector: Forest Operations

Field: Fibre Supply

Research Area: Forestry

Subject: Performance
Logging
Machinery
Evaluation
Steep slopes
Tires
Skidders
Skidding
Soft soil

Language: English

Abstract: In an effort to improve the flotation and mobility of off-road vehicles on the low strength soils which underlie large portions of the forest area throughout Canada, FERIC initiated a search for a dependable high-flotation tire which could be used to improve the performance of existing logging machines. This report describes the four-year testing and development program, and the performance of skidders equipped with wide, high flotation tires on both soft and on steep terrain. The advantages and disadvantages of these tires are summarized.

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