



A 3 in 1 trail system for operating on soft soils

<https://library.fpinnovations.ca/en/permalink/fpipub52894>

Author: Thiel, Matthew
 Date: February 2020
 Material Type: research report
 Physical Description: 1 p.
 Sector: Forest Operations
 Field: Fibre Supply
 Research Area: Forestry
 Subject: Costs
 Forwarders
 Harvesting
 Skidders
 Soil
 Soft soil

Series Number: InfoNote; 2020 n.1

Language: English


Abstract: Harvest operations on soft soils can be particularly challenging in order to respect site and soil disturbance guidelines as well as operational requirements. To address the challenges of operating on soft soils, FPInnovations has worked on solutions designed to reduce disturbance on weak soils while minimizing implementation and investment costs by using machines already being used in the operation.

Documents



InfoNote2020N1.PDF

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The 4.3-m portable beam bridge


<https://library.fpinnovations.ca/en/permalink/fpipub43734>


Author: Hamilton, Peter
 Date: December 1990
 Material Type: Research report
 Physical Description: 2 p.
 Sector: Forest Operations
 Field: Fibre Supply
 Research Area: Forestry
 Subject: Roads
 Transport
 Series Number: FO Field Note ; Roads & Bridges 23
 Language: English

Documents



FNRB23.PDF

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The 6.1-m portable beam bridge

<https://library.fpinnovations.ca/en/permalink/fpipub43737>

Author: Hamilton, Peter
Date: December 1990
Material Type: Research report
Physical Description: 2 p.
Sector: Forest Operations
Field: Fibre Supply
Research Area: Forestry
Subject: Roads
Transport
Series Number: FO Field Note ; Roads & Bridges 24
Language: English

Documents



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8-axle truck/trailer configuration (tractor/jeep with self-steering quadaxle trailer)

<https://library.fpinnovations.ca/en/permalink/fpipub43643>

Author: Phillips, Eric
 Date: 1987
 Material Type: Research report
 Physical Description: 2 p.
 Sector: Forest Operations
 Field: Fibre Supply
 Research Area: Forestry
 Subject: Trucks
 Language: English

Documents



FNT10.PDF

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20 ans et globe trotter. Le succès international des forêt modèles

<https://library.fpinnovations.ca/en/permalink/fpipub53287>

Author: Duval-Mace, Nicolas
Robert, Jacques

Material Type: Presentation

Physical Description: Video ; 1:08:02

Sector: Forest Operations

Field: Partnerships

Research Area: Forestry

Series: PIF ; 2012

Language: French

Abstract: A presentation by Nicolas Duval-Mace and Jacques Robert for PIF (Partenariat Innovation Forêt)

Video Tracks



1984 Field testing of the experimental prototype of the dual roll splitter

<https://library.fpinnovations.ca/en/permalink/fpipub43246>

Author: Du Sault, A.

Date: 1985

Material Type: Research report

Physical Description: 50 p.

Sector: Forest Operations

Field: Fibre Supply

Research Area: Forestry

Subject: Processing
Residues
Water

Series Number: FO Special Report

Language: English

Abstract: THIS REPORT DESCRIBES THE RESULTS OF A JOINT EFFORT BETWEEN FERIC AND THE TENNESSEE VALLEY AUTHORITY (DIVISION OF LAND AND FOREST RESOURCES) AND WAS PART OF THE ENFOR PROGRAM OF THE CANADIAN FORESTRY SERVICE. IT DESCRIBES THE PERFORMANCE OF A PROTOTYPE ROLL SPLITTER TO DEWATER THE STEMS OF THREE TREE SPECIES AND THE ENHANCEMENT BY AIR DRYING OF THE DEWATERING OF THE CRUSHED ITEMS. MECHANICAL COMMINATION ENERGY DATA ARE PRESENTED.

Forest residues
LOGGING RESIDUES
PROCESSING
COMMINATION
CRUSHING
Machine evaluation

Documents



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2014 Survey on the use of mobile technologies in Canadian forestry operations

<https://library.fpinnovations.ca/en/permalink/fpipub3320>

Author: Castonguay, Martin
Date: November 2014
Edition: 39984
Material Type: Research report
Physical Description: 16 p.
Sector: Forest Operations
Field: Fibre Supply
Research Area: Forestry

Subject:	<p>Surveys</p> <p>Forestry</p> <p>Technological innovation</p> <p>Global positioning system (GPS)</p> <p>FPI TR</p>
Series Number:	Technical Report ; TR 2014 n.1 E
Language:	English
Abstract:	<p>Computer technology continues to evolve at blinding speed. Today's mobile technology enables what used to be recorded on desktop computers or on paper just a few years ago. Now, data can be viewed, shared and recorded on devices such as smart phones or other mobile devices used within harvesting operations. In addition, telecommunications capabilities in Canada have significantly improved, providing connectivity where it was not available in the past, although there are still large areas where forestry operates with limited cellular communication services.</p> <p>In order to better orient its technology development strategies, FPInnovations has invited a number of its members throughout Canada to take an on-line survey to obtain information on the current and future state of technology platforms, data collections mechanisms and communications being used or soon-to-be used in forestry field operations. This information will help FPI understand the current state of technology and the direction its members are heading to with respect to mobile computing needs.</p> <p>MOBILE EQUIPMENT</p> <p>FOREST OPERATIONS</p> <p>Survey</p>
Abstract:	<p>La technologie informatique continue à évoluer à une vitesse fulgurante. La technologie actuelle permet de saisir des informations qui étaient, il y a quelques années à peine, enregistrées dans des ordinateurs de bureau ou consignées sur papier. Aujourd'hui, les données peuvent être visualisées, partagées et enregistrées sur des appareils tels que des téléphones intelligents ou sur d'autres appareils mobiles utilisés dans le cadre des opérations forestières. Les télécommunications dans notre vaste pays se sont aussi considérablement améliorées, fournissant une connectivité dans des endroits qui en étaient auparavant dépourvus, même s'il reste encore de grandes régions où les opérations en forêt se déroulent avec des services limités de communications.</p> <p>Dans le but de mieux orienter ses stratégies de développement en matière de technologie, FPInnovations a invité plusieurs de ses membres partout au Canada à répondre à un sondage en ligne afin de recueillir des renseignements relatifs à l'état actuel et futur des plateformes technologiques, aux mécanismes de collecte des données et aux communications qui sont utilisées actuellement ou qui le seront prochainement dans les opérations forestières sur le terrain.</p> <p>Ces renseignements nous aideront à comprendre l'état actuel des technologies ainsi que les avenues vers lesquelles nos membres se dirigent en ce qui touche les besoins d'informatique mobile. Les résultats de l'étude seront pour leur part utilisés pour guider notre programme de recherche. Ils seront partagés avec les participants.</p>



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Abattage-groupage en pointe de flèche et protection de la régénération

<https://library.fpinnovations.ca/en/permalink/fpipub221>

Author: Plamondon, Jean A.
Date: December 1995
Edition: 36447
Material Type: Research report
Sector: Forest Operations
Field: Fibre Supply
Research Area: Forestry
Subject: Training
Timberjack
Softwoods
Regeneration
Logging
Productivity
Feller

Series Number: Communiqué technique ; Abattage-CT-000025
Language: French

Abstract: Récolte forestière
Abattage
Groupage
Abatteuses-groupeuses
Débardage par trainage
Débardeurs à grappin
Régénération naturelle
Protection
Densité de distribution
Perturbation du sol
Résineux
Productivité

Documents



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L'abatteuse-ébrancheuse prototype Denis

<https://library.fpinnovations.ca/en/permalink/fpipub43569>

Author: Chabot, G.
Date: 1989
Material Type: Research report
Physical Description: 2 p.
Sector: Forest Operations
Field: Fibre Supply
Research Area: Forestry
Subject: Harvesting
Language: French

Documents



CTA7.PDF

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L'abatteuse-débardeuse Koehring: 6 mois de cueillette de données dans deux opérations de résineux

<https://library.fpinnovations.ca/en/permalink/fpipub44140>

Author: Folkema, Michael P.
Date: 1977
Material Type: Research report
Physical Description: 12 p.
Sector: Forest Operations
Field: Fibre Supply
Research Area: Forestry
Subject: Feller
Harvesters
Series Number: Fiche technique FT 15
FERIC. Rapport technique ; RT-00007 SUPPLEMENT
Language: French
Abstract: FELLING
Forwarding
Full-tree systems
Feller forwarders
Shear felling heads
Machine evaluation
PRODUCTIVITY
Downtime
Koehring KFF feller forwarder

Documents



FT15.PDF

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