Assortment simulator (SorSim)

SorSim

IT-based simulation (SorSim) for revenue estimation for single trees or tree stands. Modelling of the stem form, height, diameter at breast height (DBH) from tree species. Supports decision makers in production- and utilization processes.

IT-based simulation (SorSim) for revenue estimation for single trees or tree stands. Modelling of the stem form, height, diameter at breast height (DBH) from tree species. Supports decision makers in production- and utilization processes. SorSim allows an adequate calculation of the revenues of single trees and tree stands with the information's of quality, quantity and the assortment. The information basis includes tree species, tree age (height), stem-form. SorSim is an IT-based tool which allows to predict values on single tree-level and tree stands

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

DOMäNE

Produkte, Märkte, Handel

Holzernte, Infrastruktur, Logistik

ART DER LöSUNG

Modellierung, DSS, Simulation, Optimierung

SCHLüSSELWöRTER

Simulation; Modelling; Assortment

DIGITALE LöSUNG

Ja

INNOVATION

Ja

HERKUNFTSLAND

Schweiz

UMFANG DER ANWENDUNG

National

ANFANGS- UND ENDJAHR

--

KONTAKTDATEN

EIGENTüMER ODER AUTOR

Eidgenössische Forschungsanstalt WSL

Renato Lemm

renato.lemm@wsl.ch

https://www.wsl.ch/en/projects/sortimentsimulator-sorsim.html

REPORTER

BFH Berne University of Applied Sciences

Moritz Dreher

moritzkaspar.dreher@bfh.ch

REFERENCES AND RESOURCES

HAUPT-WEBSITE

https://www.wsl.ch/en/projects/sortimentsimulator-sorsim.html

PROJEKT-WEBSITE

--

PROJEKT-REFERENZ

--

RESSOURCEN

--

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

12 Aug. 2021

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