

Czech Academy of Agricultural Sciences



Open Access Agricultural Journals

Journal of

FOREST SCIENCE

[home](#) [page](#) [about us](#) [contact](#)



us

**Table of
Contents**

IN PRESS

JFS 2015

JFS 2014

JFS 2013

JFS 2012

JFS 2011

JFS 2010

JFS 2009

JFS 2008

JFS 2007

JFS 2006

JFS 2005

JFS 2004

JFS 2003

Editorial Board

For Authors

- **Authors Declaration**
- **Instruction to Authors**
- **Guide for Authors**
- **Copyright Statement**
- **Submission**

For Reviewers

- **Guide for Reviewers**
- **Reviewers Login**

Subscription

Journal of Forest Science

Impact of skidder and high-lead system logging on forest soils and advanced regeneration

M. Modrý, D. Hubený

J. For. Sci., 49 (2003): 273-280

[[fulltext](#)]

The applied skidding technology strongly influences the impact of harvest on the

ecosystem and success of natural regeneration. The impact of skidder SLKT 81 and high-lead system Larix 3T on forest soil and natural regeneration was compared under analogical site and stand conditions in a production beech forest in the environs of Brno, Czech Republic. The skidder was found to have greater effects on the soil surface consistency, soil properties and natural regeneration than the high-lead system operations. Although high-lead system operations are more friendly to all parts of forest ecosystem, the skidder may not cause excessive damage when applied under suitable terrain and climatic conditions.

Keywords:

high-lead system; skidder; forest soil; natural regeneration; disturbance; harvest technology

[[fulltext](#)]

© 2015 [Czech Academy of Agricultural Sciences](#)

XHTML1.1 VALID

CSS VALID

