

Biomass production, population structure, and self-thinning in experimental, short-rotation plantations of willow (*Salix burjatica* (Nasarov) *Aquatica gigantea*) in Northern Ireland.

The Author] - Woody biomass from short rotation energy crops



Description: -

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-Biomass production, population structure, and self-thinning in experimental, short-rotation plantations of willow (*Salix burjatica* (Nasarov) *Aquatica gigantea*) in Northern Ireland.

Notes: Thesis (D. Phil.) - University of Ulster, 1985.

This edition was published in 1985



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Tags: #Woody #biomass #from #short #rotation #energy #crops

Long

The 17-year-long continuous time series study is conducted in a grey alder plantation growing on abandoned agricultural land. The objectives of the current study were to assess 1 above-ground biomass AGB and production; 2 below-ground biomass: coarse root biomass CRB , fine root biomass FRB and fine root production FRP ; 3 carbon C and nitrogen N accumulation dynamics in grey alder stand growing on former arable land. Moench and hybrid alder *Alnus hybrida* A.

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The availability of short rotation woody biomass is evaluated on the basis of maintaining sustainability at multiple scales.

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Zhu, Xiao Zhang, and Xuejun Jun Pan editors , Sustainable Production of Fuels, Chemicals, and Fibers from Forest Biomass. Fine root efficiency was the highest at the age of 10 years; at the age of 17 years, it had slightly reduced. In: AH Fitter ed Ecological interactions in soil.

Long

In: Hall DO, Grassi G, Scheer H eds Biomass for energy and industry. Moench plantation on abandoned agricultural land.

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The results of above- and below-ground biomass and production of the 17-year-old stand are compared to the earlier published respective data from the same stand at the ages of 5 and 10 years.

Long

Rome: Food and Agriculture Organization of the United Nations, p. Moench forest on abandoned agricultural land. The role of fine roots for the sequestration of C is quite modest compared to leaf litter C flux.

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ACS Symposium Series Volume 1067. Off J Eur Union 2009. The four genera include: Populus cottonwoods, poplars, aspens , Salix willows , Pinus southern pines , and Eucalyptus eucalypts.

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FRB was strongly correlated with the stand basal area and stem mass. Woody biomass from short rotation energy crops.

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