

Literaturverzeichnis zum Aufsatz in AFZ-Der Wald:

Fichten und Buchen bei mehrjähriger Trockenheit im Rein- und Mischbestand - Zuwachsrückgang, Anpassung und Erholung

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Zur Erforschung der Auswirkungen wiederholter längerer Trockenperioden wurden mittelalte Rein- und Mischbestände fünf Jahre lang im Sommer ausgetrocknet und ab Sommer 2019 kontrolliert bewässert. Während der Trockenphase verloren die Fichten im Mittel 54 % Zuwachs, die Buchen nur 18 %. Eine Mischung der Baumarten verringerte den Zuwachsverlust der Fichte auf 28 %. Zuwachsreduktionen im Oberstand wurden durch stabilere Zuwächse im Zwischenstand teilweise kompensiert. Auf das Ende der Austrocknung reagierten die Buchen schneller, bei Fichten dauert die Erholung an.

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