



Figure 9 Average maximum photochemical efficiency of PSII (F_v/F_m) measured in 2007 and 2008, average midday branch water potential (Ψ_w) measured in 2007 and 2008 and needles N concentration measured in 2007 and 2008, with different groundcover management in a Fraser fir Christmas tree plantation in Michigan, U.S.A. Values are means ($\pm se$). Mean values followed with the same letters are not statistically different; ns = not significant.