



Mini Review

Root Exudation in Common Ragweed (*Ambrosia Artemisiifolia* L.)

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ABSTRACT

Common ragweed is herbaceous annual plant of Asteraceae family, originating from North America. Ragweed is an important agricultural weed in Europe; its pollen grains are noxious aeroallergens and cause summer hay fever. Regarding the climate change it seems beneficial to assess the invasive potential of ragweed and its ability to influence the native plant associations in area of its potential expansion. We assume that competing ability of ragweed is promoted by allelochemicals released into the soil by intact roots, which affect the germination, growth and propagation of neighbouring plants. This paper presents knowledge on ragweed root exudates.

Keywords: *Ambrosia artemisiifolia*, Root exudates, Amino acids, Aliphatic organic acids, Allelopathy.
