

APPLICATION OF MULCH (WOOD CHIPS) CONTROL NUTSEDGE AT A GHOROGH NURSERY (CASE STUDY: GHOROGH NURSERY, GOLESTAN PROVINCE, NORTH OF IRAN)

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ABSTRACT

Weed control in the nursery is important for healthy performance of seedlings. In many nurseries nutsedges has significant problem due to their tolerance of many herbicides and their prolific production of energy-rich tubers. Sharing knowledge concerning nutsedge management may allow us to efficiently find viable solution to this problem. The purpose of this study was to examine the effectiveness of broadcast application of mulch for control of Nutsedge in Ghorogh nursery. Application in June 2011 of Mulch at 3 centimeter reduced the density nutsedge shoots at a Ghorogh nursery. Nutsedge shoots were reduced to near zero levels in plot treated over a 7 months period. The use of broadcast application of mulch may be of value in developing a more effective management program for nutsedge control in Ghorogh nursery.

KEYWORDS: Mulch, Nutsedge, *Quercus Castaneifolia*, Ghorogh Nurcery, Weed Control, Golestan Province, Iran