

**EFFECT METHODS OF APPLICATION AND DIFFERENT
DOSES OF GLYPHOSATE IN CONTROL BERMUDA GRASS
Cynodon dactylon L. GROWTH IN POME ORCHARD.**

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ABSTRACT

A field experiment was carried out in Diyala province \ Al-Muqdadiya district during growing season 2010-2011. The aim of present study is control *Cynodon dactylon* L. growth in pomes orchard by using Glyphosate and two application methods first by knapsack sprayer in rate (1.8kg ai/ h) the second use rope-wick wiper technique in different rate. The experiment was set out as factorial design in randomization complete block design with three replicates. The results showed superiority T2(1:1)(herbicide: water), T3 (1:2) (herbicide : water) applied in wiper gave high degree killing (94.66)(87.5) respectively compare with T7 (1.8kg ai/h) applied in spray(45.0) ,also T2(1:1) was gave average less in percentage of regrowth get to 22.9 % . Further T2(1:1) gave significantly effect in reduce dry weight percentage starch and seccharide up to (425.88gm/m², 6.84, 1.94) respectively . Moreover the efficacy of Glyphosate in weed continue until 150day after control .The wipe technique good satisfactory result specially T2(1:1) witch gave 39% control compare T7 (1.8kg ai/ h) spray 32%.

Key words: *Cynodon dactylon* L , Glyphosate , Chemical control , Herbicides methods application .