Effect Of Border Area And Cutback Irrigation Method
On Wheat Yield In Northern State- Sudan

تأثير مساحة الجوانب وطريقة الرمي القطعي على إنتاجية القمح في الولاية الشمالية - السودان

By
Bushra Altayb Rooghomt Allah Mohammed
B.Sc (Honors) Agricultural Engineering
College of Agricultural Studies
Sudan University of Science and Technology
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Supervisor: Dr. El Sadig El Mahdi Ahmed
Agricultural Engineering Department
College of Agricultural Studies
Sudan University of Science and Technology
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Dedication

To all those who dreams
by change and work for it
This study was conducted in the Northern state, Merewi District, AL Karafab area with the objective of finding the basin size and cutback method on wheat yield.

Experiment was designed following the complete randomized block design with two treatments. Treatment one test three basin sizes each replicated three times. Treatment two tests the interaction of basin size with the cutback irrigation method.

Statistical analysis was carried out using M-stat computer program, which revealed no significant difference in yield for basins size without cutback method. A significant difference was shown for cutback irrigation method associated with basin size. Therefore large basin sizes together with cutback water application method are recommended.
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