



## Evaluation of Non Selective Post Emergence Herbicides against Complex

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Í Round Up SL Glyphosate I H È

Study and design (WWDSE, 2007) report indicated that the dominant soil textural classes of the project are clay and heavy clay soils.

Arjo-Dedessa Project are 20.5°C and 25.4°C, wind speed of the site fluctuates more or less throughout the year. The highest and the lowest mean daily wind run of 1.07m/s and 0.47m/s respectively are in April. The mean relative humidity of the project is 56.6% and 88.6% for minimum and maximum respectively. Maximum and minimum daily sun shine hours were 8.3 in November and 3.7 in July respectively. Annual rainfall of the area is estimated to be above 1400mm with main rainy months lasting from May to October.



A statistically significant difference was also observed among the treatments at 20 days after spray. Accordingly, the highest percent weed control was recorded on plot received the standard check Glyphosate followed by Linkosate 48 SL, while the least percent weed control was recorded on plot received Trust sate 360 SL. However, those plots received Linkosate 75.7 SG and Getrid 480 SL were still below the acceptable ranges of percent weed control.

Great variation was observed among the treatments a month after spray (30DAS). Each treatment show significant difference one from another on the basis of there percent weed control efficacy. Accordingly, plot received Linkosate 75.7 SG was recorded the highest percent weed control (94.74%) followed by the standard check Glyphosate (82.05%), while the least percent weed control potential was recorded on plots received Getrid 480 SL and Trust sate 360 SL.