

Table 1. Lateral wetting area around maize plants influenced by planting method and irrigation level.

*BBF, Broad Bed and Furrow; SNF, Shallow and Narrow Furrow; DWF, Deep and Wider

Treatments*		Lateral wetting zone (cm)
Planting method		
BBF		7.64 ($\pm 0.43^{**}$)c
SNF		10.40 (± 0.29)b
DWF		11.49 (± 0.25)c
p value		<.0001
Irrigation level		
I _{10D}		9.14 (± 0.66)b
I ₄₀		11.03 (± 0.56)a
I ₅₀		10.56 (± 0.46)a
I ₆₀		8.65 (± 0.68)b
p value		<.0001
Interaction effects		
BBF	I _{10D}	6.57 (± 0.21)g
	I ₄₀	9.00 (± 0.50)ef
	I ₅₀	8.88 (± 0.33)f
	I ₆₀	6.13 (± 0.51)g
SNF	I _{10D}	9.96 (± 0.18)c-e
	I ₄₀	11.54 (± 0.37)a-c
	I ₅₀	10.86 (± 0.09)b-d
	I ₆₀	9.27 (± 0.43)d-f
DWF	I _{10D}	10.89 (± 0.14)b-d
	I ₄₀	12.57 (± 0.26)a
	I ₅₀	11.94 (± 0.18)ab
	I ₆₀	10.56 (± 0.15)b-e
p value		0.2581

Furrow; I_{10D}, irrigation once in 10 days; I₄₀, irrigation at 40% DASM; I₅₀, irrigation at 50% DASM and I₆₀, irrigation at 60% DASM. **Standard Error of Mean.

Table S2. Grain yield of maize due to interaction of planting methods and irrigation levels.

Interaction (I × L)		Grain yield (t ha⁻¹)
*BBF	I _{10D}	6.099
	I ₄₀	6.492
	I ₅₀	6.235
	I ₆₀	5.535
SNF	I _{10D}	6.572
	I ₄₀	7.117
	I ₅₀	7.282
	I ₆₀	6.401
DWF	I _{10D}	6.930
	I ₄₀	7.185
	I ₅₀	7.498
	I ₆₀	6.863
**S.Em. ±		0.246
**CD (p < 0.05)		0.732

*BBF, broad bed and furrow; SNF, shallow and narrow furrow; DWF, deep and wider furrow; I_{10D}, irrigation once in 10 days; I₄₀, irrigation at 40% DASM; I₅₀, irrigation at 50% DASM; and I₆₀, irrigation at 60% DASM.** S.Em. ±, standard error of mean; CD, critical difference.