

Table S1. Photosynthetic efficiency (Fv/Fm, PI(%), and SPAD values), and root length (cm) of sugar beet as affected by the interactions of sowing date (D), potassium (K) and sulphur (S), during two growing seasons (Mean \pm SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions

Treatments	Fv/Fm	PI (%)		SPAD values		Root length (cm)	
	2018/2019	2018/2019	2019/2020	2018/2019	2019/2020	2018/2019	2019/2020
D \times K							
D ₁ \times K ₁	0.82 \pm 0.001c	6.05 \pm 0.30d	6.08 \pm 0.28d	48.2 \pm 1.6c	50.4 \pm 1.1d	28.8 \pm 1.3cd	29.8 \pm 0.2c
D ₁ \times K ₂	0.84 \pm 0.001b	7.88 \pm 0.27b	8.33 \pm 0.30b	55.8 \pm 1.7b	55.8 \pm 0.7b	31.6 \pm 0.2b	32.0 \pm 0.2b
D ₁ \times K ₃	0.86 \pm 0.001a	10.19 \pm 0.21a	10.34 \pm 0.59a	61.5 \pm 1.5a	62.9 \pm 1.9a	35.5 \pm 0.7a	36.3 \pm 1.2a
D ₂ \times K ₁	0.81 \pm 0.051c	3.98 \pm 0.75f	3.78 \pm 0.83f	48.4 \pm 5.5c	49.5 \pm 2.1d	26.5 \pm 3.2e	26.9 \pm 4.6e
D ₂ \times K ₂	0.82 \pm 0.001c	5.30 \pm 0.21e	5.27 \pm 0.14e	49.3 \pm 0.78c	49.7 \pm 0.9d	27.9 \pm 0.4d	28.4 \pm 0.4d
D ₂ \times K ₃	0.84 \pm 0.002b	6.69 \pm 0.20c	6.67 \pm 0.39c	52.0 \pm 0.9c	52.5 \pm 0.9c	29.7 \pm 0.3c	30.3 \pm 0.6c
D \times S							
D ₁ \times S ₁	0.83 \pm 0.003a	7.24 \pm 0.57c	7.54 \pm 0.63c	51.2 \pm 1.8cd	53.1 \pm 1.9c	30.2 \pm 0.7c	31.3 \pm 0.7c
D ₁ \times S ₂	0.84 \pm 0.051a	8.04 \pm 1.01b	8.15 \pm 1.14b	55.8 \pm 6.3b	56.6 \pm 2.6b	31.6 \pm 3.4b	32.0 \pm 4.0b
D ₁ \times S ₃	0.85 \pm 0.003a	8.84 \pm 0.67a	9.06 \pm 0.35a	58.5 \pm 2.7a	59.4 \pm 1.0a	34.1 \pm 1.6a	34.8 \pm 0.5a
D ₂ \times S ₁	0.82 \pm 0.003a	4.92 \pm 0.44f	4.87 \pm 0.44f	47.8 \pm 0.9e	48.5 \pm 0.9e	26.7 \pm 0.6f	27.7 \pm 0.6f
D ₂ \times S ₂	0.82 \pm 0.003a	5.31 \pm 0.44e	5.22 \pm 0.44e	50.1 \pm 0.9d	51.0 \pm 0.9d	28.1 \pm 0.6e	28.3 \pm 0.6e
D ₂ \times S ₃	0.83 \pm 0.003a	5.75 \pm 0.46d	5.63 \pm 0.86d	51.9 \pm 0.7c	52.2 \pm 1.6c	29.3 \pm 0.6d	29.6 \pm 1.1d
K \times S							
K ₁ \times S ₁	0.81 \pm 0.002a	4.55 \pm 0.72a	4.43 \pm 0.82a	46.4 \pm 1.8a	47.9 \pm 2.3f	26.7 \pm 1.0g	27.6 \pm 1.1g
K ₁ \times S ₂	0.82 \pm 0.002a	5.03 \pm 0.81a	4.89 \pm 0.93a	48.4 \pm 2.0a	50.2 \pm 3.0e	27.5 \pm 1.1f	28.3 \pm 2.1f
K ₁ \times S ₃	0.82 \pm 0.002a	5.47 \pm 0.13a	5.47 \pm 0.35a	50.1 \pm 0.4a	51.8 \pm 1.4de	28.7 \pm 0.5e	29.2 \pm 0.2e
K ₂ \times S ₁	0.83 \pm 0.002a	5.93 \pm 0.51a	6.24 \pm 0.71a	49.5 \pm 1.3a	50.9 \pm 1.7e	28.8 \pm 1.0e	29.5 \pm 0.9e
K ₂ \times S ₂	0.83 \pm 0.002a	6.67 \pm 0.62a	6.77 \pm 0.79a	53.2 \pm 2.3a	53.3 \pm 1.8cd	29.8 \pm 0.9d	30.1 \pm 0.9d
K ₂ \times S ₃	0.84 \pm 0.002a	7.18 \pm 0.69a	7.40 \pm 0.46a	55.0 \pm 2.1a	54.2 \pm 0.5c	30.7 \pm 0.8c	30.9 \pm 0.9c
K ₃ \times S ₁	0.84 \pm 0.002a	7.75 \pm 0.42a	7.95 \pm 0.51a	52.6 \pm 1.3a	53.6 \pm 0.7c	29.9 \pm 0.8d	31.3 \pm 0.9c
K ₃ \times S ₂	0.85 \pm 0.001a	8.33 \pm 0.53a	8.40 \pm 0.62a	57.2 \pm 1.5a	58.0 \pm 0.5b	32.2 \pm 0.7b	32.1 \pm 0.7b
K ₃ \times S ₃	0.86 \pm 0.002a	9.24 \pm 0.50a	9.17 \pm 0.78a	60.4 \pm 1.4a	61.5 \pm 2.0a	35.8 \pm 0.8a	36.4 \pm 1.0a
P-value							
D \times K	0.017*	0.011*	0.035*	0.044*	0.002**	0.031*	0.044*
D \times S	0.072 ^{ns}	<.001**	<.001**	0.028**	0.021*	0.009**	<.001**
K \times S	0.321 ^{ns}	0.086 ^{ns}	0.883 ^{ns}	0.098 ^{ns}	0.003**	<.001**	<.001**
D \times K \times S	0.361 ^{ns}	0.855 ^{ns}	0.982 ^{ns}	0.363**	0.256 ^{ns}	<.001**	<.001**
C.V. (%)	0.3	3.9	3.8	3.3	2.5	2.2	1.3

"ns" indicate non-significant variation. Means sharing the same letter in each column are not significantly. D₁= Sowing at the 1st of September, D₂= Sowing at the 1st of October, K₁= 60 kg K₂O ha⁻¹, K₂= 120 kg K₂O ha⁻¹, K₃= 180 kg K₂O ha⁻¹, S₁= 175 kg CaSO₄ ha⁻¹, S₂= 350 kg CaSO₄ ha⁻¹, and S₃= 525 kg CaSO₄ ha⁻¹.

Table S2. Root diameter, root fresh weight, and top fresh weight of sugar beet as affected by the interactions of sowing date (D), potassium (K) and sulphur (S), during two growing seasons (Mean \pm SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions

Treatments	Root diameter (cm)		Root FW (kg plant ⁻¹)		Top FW (kg plant ⁻¹)	
	2018/2019	2019/2020	2018/2019	2019/2020	2018/2019	2019/2020
D \times K						
D ₁ \times K ₁	12.47 \pm 0.92b	13.10 \pm 0.04c	1.34 \pm 0.09bc	1.34 \pm 0.02c	0.84 \pm 0.10f	0.93 \pm 0.01c
D ₁ \times K ₂	12.99 \pm 0.20b	13.51 \pm 0.15b	1.38 \pm 0.46b	1.39 \pm 0.02b	0.94 \pm 0.03b	0.99 \pm 0.02b
D ₁ \times K ₃	15.34 \pm 0.26a	16.05 \pm 0.59a	1.69 \pm 0.26a	1.66 \pm 0.07a	1.18 \pm 0.03a	1.25 \pm 0.07a
D ₂ \times K ₁	10.97 \pm 1.35c	11.84 \pm 1.91d	1.14 \pm 1.43e	1.19 \pm 0.20e	0.72 \pm 0.09e	0.78 \pm 0.13f
D ₂ \times K ₂	11.61 \pm 0.36c	12.29 \pm 0.11c	1.21 \pm 0.42d	1.26 \pm 0.02d	0.79 \pm 0.02d	0.84 \pm 0.02e
D ₂ \times K ₃	12.48 \pm 0.26b	13.03 \pm 0.25c	1.27 \pm 0.34cd	1.36 \pm 0.03bc	0.84 \pm 0.02c	0.89 \pm 0.03d
D \times S						
D ₁ \times S ₁	12.31 \pm 0.21c	13.14 \pm 0.38c	1.34 \pm 0.03c	1.34 \pm 0.03c	0.83 \pm 0.03c	0.91 \pm 0.04c
D ₁ \times S ₂	13.31 \pm 1.43b	13.98 \pm 1.78b	1.43 \pm 0.16b	1.44 \pm 0.20b	0.96 \pm 0.11b	1.03 \pm 0.16b
D ₁ \times S ₃	15.18 \pm 0.94a	15.54 \pm 0.14a	1.65 \pm 0.10a	1.61 \pm 0.02a	1.17 \pm 0.10a	1.23 \pm 0.02a
D ₂ \times S ₁	10.89 \pm 0.32e	11.58 \pm 0.15e	1.12 \pm 0.04e	1.18 \pm 0.02e	0.71 \pm 0.02e	0.76 \pm 0.02e
D ₂ \times S ₂	11.61 \pm 0.32d	12.47 \pm 0.15d	1.20 \pm 0.04d	1.28 \pm 0.02d	0.78 \pm 0.02d	0.84 \pm 0.02d
D ₂ \times S ₃	12.56 \pm 0.31c	13.12 \pm 0.52c	1.30 \pm 0.03c	1.35 \pm 0.05c	0.85 \pm 0.02c	0.91 \pm 0.04c
K \times S						
K ₁ \times S ₁	11.01 \pm 0.42e	11.70 \pm 0.52f	1.15 \pm 0.08f	1.18 \pm 0.05f	0.70 \pm 0.04e	0.78 \pm 0.07e
K ₁ \times S ₂	11.75 \pm 0.48d	12.38 \pm 1.08e	1.23 \pm 0.08e	1.28 \pm 0.12e	0.79 \pm 0.07d	0.86 \pm 0.14d
K ₁ \times S ₃	12.41 \pm 0.14c	13.34 \pm 0.05c	1.33 \pm 0.03cd	1.35 \pm 0.02d	0.85 \pm 0.04c	0.93 \pm 0.01c
K ₂ \times S ₁	11.53 \pm 0.37d	12.12 \pm 0.25e	1.22 \pm 0.06e	1.25 \pm 0.04e	0.79 \pm 0.03d	0.83 \pm 0.04d
K ₂ \times S ₂	12.35 \pm 0.50c	13.00 \pm 0.29d	1.29 \pm 0.06d	1.32 \pm 0.03d	0.86 \pm 0.04c	0.92 \pm 0.04c
K ₂ \times S ₃	13.02 \pm 0.38b	13.58 \pm 0.32c	1.38 \pm 0.06bc	1.40 \pm 0.04c	0.96 \pm 0.05b	1.00 \pm 0.04b
K ₃ \times S ₁	12.26 \pm 0.37c	13.28 \pm 0.35cd	1.32 \pm 0.05cd	1.36 \pm 0.04cd	0.83 \pm 0.03cd	0.90 \pm 0.04c
K ₃ \times S ₂	13.29 \pm 0.44b	14.30 \pm 0.27b	1.42 \pm 0.05b	1.47 \pm 0.03b	0.97 \pm 0.03b	1.03 \pm 0.04b
K ₃ \times S ₃	16.18 \pm 0.30a	16.05 \pm 0.50a	1.70 \pm 0.05a	1.69 \pm 0.04a	1.23 \pm 0.04a	1.28 \pm 0.04a
P-value						
D \times K	0.08*	<.001**	0.011*	0.005**	<.001**	<.001**
D \times S	<.001**	<.001**	<.001**	<.001**	<.001**	<.001**
K \times S	<.001**	<.001**	<.001**	<.001**	<.001**	<.001**
D \times K \times S	<.001**	<.001**	<.001**	<.001**	<.001**	<.001**
C.V. (%)	3.1	2.0	3.5	2.4	3.9	2.7

"ns" indicate non-significant variation. Means sharing the same letter in each column are not significantly. D₁= Sowing at the 1st of September, D₂= Sowing at the 1st of October, K₁= 60 kg K₂O ha⁻¹, K₂= 120 kg K₂O ha⁻¹, K₃= 180 kg K₂O ha⁻¹, S₁= 175 kg CaSO₄ ha⁻¹, S₂= 350 kg CaSO₄ ha⁻¹, S₃= 525 kg CaSO₄ ha⁻¹, and FW= Fresh weight.

Table S3. Leaf area index (LAI), biological yield, harvest index, and purity content of sugar beet as affected by the interactions of sowing date (D), potassium (K) and sulphur (S), during two growing seasons (Mean \pm SE) under soil salinity ($\text{ECe} = 8.96 \text{ dS m}^{-1}$) conditions

Treatments	LAI		Biological yield (Mg ha^{-1})		Harvest index	Purity (%)
	2018/2019	2019/2020	2018/2019	2019/2020	2019/2020	2019/2020
D \times K						
D₁ \times K₁	4.27 \pm 0.59c	4.44 \pm 0.07c	104.08 \pm 1.91c	106.15 \pm 0.46c	0.72 \pm 0.01d	87.31 \pm 0.03d
D₁ \times K₂	4.66 \pm 0.27bc	4.82 \pm 0.29b	111.07 \pm 0.45b	111.55 \pm 0.34b	0.72 \pm 0.01d	89.80 \pm 0.33b
D₁ \times K₃	6.76 \pm 0.18a	6.68 \pm 0.45a	126.47 \pm 0.57a	126.83 \pm 1.62a	0.74 \pm 0.01c	91.26 \pm 0.63a
D₂ \times K₁	4.26 \pm 0.56c	4.47 \pm 0.64bc	80.35 \pm 4.33f	80.16 \pm 5.95f	0.78 \pm 0.13a	84.47 \pm 14.77e
D₂ \times K₂	4.50 \pm 0.21c	4.40 \pm 0.23c	90.37 \pm 0.52e	88.82 \pm 0.41e	0.76 \pm 0.01b	87.85 \pm 0.36c
D₂ \times K₃	4.95 \pm 0.19b	4.74 \pm 0.22bc	97.08 \pm 0.47d	96.46 \pm 0.95d	0.74 \pm 0.01c	89.95 \pm 0.86b
D \times S						
D₁ \times S₁	4.32 \pm 0.25cd	4.49 \pm 0.33c	107.41 \pm 0.92c	108.62 \pm 1.03c	0.72 \pm 0.01e	90.13 \pm 0.58a
D₁ \times S₂	5.02 \pm 0.65b	5.03 \pm 0.83b	112.48 \pm 5.09b	113.53 \pm 5.80b	0.72 \pm 0.08e	89.76 \pm 9.35a
D₁ \times S₃	6.35 \pm 0.62a	6.42 \pm 0.10a	121.74 \pm 2.37a	122.38 \pm 0.98a	0.74 \pm 0.01d	88.49 \pm 0.38a
D₂ \times S₁	4.05 \pm 0.13d	3.91 \pm 0.14d	86.04 \pm 1.06f	84.89 \pm 1.04f	0.77 \pm 0.01a	88.20 \pm 0.91a
D₂ \times S₂	4.47 \pm 0.13c	4.45 \pm 0.14c	88.99 \pm 1.06e	88.39 \pm 1.04e	0.76 \pm 0.01b	87.82 \pm 0.91a
D₂ \times S₃	5.18 \pm 0.20b	5.25 \pm 0.28b	92.75 \pm 1.06d	92.25 \pm 2.17d	0.75 \pm 0.01c	86.25 \pm 0.89a
K \times S						
K₁ \times S₁	3.77 \pm 0.29e	3.84 \pm 0.38f	88.66 \pm 1.98g	89.92 \pm 2.47g	0.76 \pm 0.01a	86.93 \pm 0.27a
K₁ \times S₂	4.19 \pm 0.44de	4.37 \pm 0.68e	92.25 \pm 2.37f	93.25 \pm 4.03f	0.75 \pm 0.02ab	86.18 \pm 0.30a
K₁ \times S₃	4.83 \pm 0.15c	5.14 \pm 0.09c	95.75 \pm 0.69e	96.32 \pm 0.56e	0.74 \pm 0.01bc	84.55 \pm 0.04a
K₂ \times S₁	4.07 \pm 0.14de	4.03 \pm 0.16f	97.25 \pm 1.98e	96.37 \pm 2.16e	0.75 \pm 0.01ab	89.49 \pm 0.46a
K₂ \times S₂	4.41 \pm 0.11cd	4.36 \pm 0.21e	101.08 \pm 2.07d	100.25 \pm 2.15d	0.74 \pm 0.01bc	89.23 \pm 0.54a
K₂ \times S₃	5.25 \pm 0.25b	5.44 \pm 0.09b	103.79 \pm 1.91c	103.93 \pm 2.41c	0.73 \pm 0.02c	87.75 \pm 0.56a
K₃ \times S₁	4.71 \pm 0.09c	4.74 \pm 0.19d	104.27 \pm 2.17c	104.01 \pm 2.55c	0.74 \pm 0.02bc	91.06 \pm 0.66a
K₃ \times S₂	5.64 \pm 0.15b	5.48 \pm 0.13b	108.86 \pm 2.34b	109.41 \pm 2.40b	0.73 \pm 0.01c	90.96 \pm 0.74a
K₃ \times S₃	7.21 \pm 0.12a	6.92 \pm 0.30a	122.17 \pm 2.16a	121.55 \pm 2.01a	0.76 \pm 0.01a	89.81 \pm 0.45a
P-value						
D \times K	0.001**	0.001**	0.016*	0.031*	0.015*	0.007**
D \times S	0.002**	0.001**	<.001**	<.001**	<.001**	0.120 ^{ns}
K \times S	<.001**	0.001**	<.001**	<.001**	<.001**	0.112 ^{ns}
D \times K \times S	0.001**	0.001**	<.001**	<.001**	<.001**	0.066 ^{ns}
C.V. (%)	7.0	4.9	1.8	1.3	1.3	0.3

"ns" indicate non-significant variation. Means sharing the same letter in each column are not significantly. D₁= Sowing at the 1st of September, D₂= Sowing at the 1st of October, K₁= 60 kg K₂O ha⁻¹, K₂= 120 kg K₂O ha⁻¹, K₃= 180 kg K₂O ha⁻¹, S₁= 175 kg CaSO₄ ha⁻¹, S₂= 350 kg CaSO₄ ha⁻¹, and S₃= 525 kg CaSO₄ ha⁻¹.

Table S4. Root yield, and top yield of sugar beet as affected by the interactions of sowing date (D), potassium (K) and sulphur (S), during two growing seasons (Mean \pm SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions

Treatments	Root yield (Mg ha ⁻¹)		Top yield (Mg ha ⁻¹)	
	2018/2019	2019/2020	2018/2019	2019/2020
D \times K				
D ₁ \times K ₁	77.11 \pm 1.34c	76.30 \pm 0.39c	26.97 \pm 0.61c	29.85 \pm 0.08c
D ₁ \times K ₂	80.85 \pm 0.24b	79.78 \pm 0.30b	30.23 \pm 0.23b	31.77 \pm 0.05b
D ₁ \times K ₃	92.72 \pm 0.38a	91.89 \pm 1.26a	33.77 \pm 0.24a	34.94 \pm 0.40a
D ₂ \times K ₁	63.21 \pm 3.40e	62.74 \pm 4.61f	17.14 \pm 0.97f	17.42 \pm 1.35f
D ₂ \times K ₂	71.40 \pm 0.52d	67.78 \pm 0.35e	18.97 \pm 0.30e	21.04 \pm 0.21e
D ₂ \times K ₃	76.49 \pm 0.44c	71.82 \pm 0.56d	20.56 \pm 0.28d	24.63 \pm 0.44d
D \times S				
D ₁ \times S ₁	79.66 \pm 0.61c	78.47 \pm 0.78c	27.75 \pm 0.35c	30.15 \pm 0.31c
D ₁ \times S ₂	82.40 \pm 3.72b	81.35 \pm 4.24b	30.08 \pm 1.38b	32.18 \pm 1.58b
D ₁ \times S ₃	88.61 \pm 1.75a	88.16 \pm 0.57a	33.13 \pm 0.65a	34.22 \pm 0.47a
D ₂ \times S ₁	68.69 \pm 0.88f	65.47 \pm 0.60f	17.11 \pm 0.34f	19.42 \pm 0.48f
D ₂ \times S ₂	70.19 \pm 0.88e	67.50 \pm 0.60e	18.80 \pm 0.34e	20.90 \pm 0.48e
D ₂ \times S ₃	72.23 \pm 0.89d	69.38 \pm 1.28d	20.52 \pm 0.31d	22.78 \pm 0.90d
K \times S				
K ₁ \times S ₁	68.28 \pm 0.93h	67.83 \pm 1.55g	20.37 \pm 1.09f	22.09 \pm 0.95g
K ₁ \times S ₂	70.21 \pm 1.22g	69.54 \pm 2.90f	22.04 \pm 1.20e	23.70 \pm 1.15f
K ₁ \times S ₃	72.00 \pm 0.68f	71.21 \pm 0.48e	23.75 \pm 0.28cd	25.11 \pm 0.10e
K ₂ \times S ₁	74.49 \pm 1.02e	71.71 \pm 1.17e	22.75 \pm 1.07de	24.66 \pm 1.04ef
K ₂ \times S ₂	76.30 \pm 1.05d	73.64 \pm 1.22d	24.78 \pm 1.11c	26.61 \pm 0.98d
K ₂ \times S ₃	77.56 \pm 0.92d	75.97 \pm 1.30c	26.25 \pm 1.07b	27.97 \pm 1.15c
K ₃ \times S ₁	79.75 \pm 1.36c	76.37 \pm 1.33c	24.54 \pm 0.88c	27.63 \pm 1.25cd
K ₃ \times S ₂	82.35 \pm 1.41b	80.09 \pm 1.27b	26.51 \pm 0.99b	29.32 \pm 1.16b
K ₃ \times S ₃	91.73 \pm 1.27a	89.11 \pm 1.31a	30.46 \pm 0.96a	32.44 \pm 0.72a
P-value				
D \times K	0.019*	0.008**	0.011*	0.445 ^{ns}
D \times S	<.001**	<.001**	0.015*	0.100 ^{ns}
K \times S	<.001**	<.001**	0.022*	<.001**
D \times K \times S	<.001**	<.001**	0.009**	<.001**
C.V. (%)	1.9	1.3	4.3	1.8

"ns" indicate non-significant variation. Means sharing the same letter in each column are not significantly. D₁= Sowing at the 1st of September, D₂= Sowing at the 1st of October, K₁= 60 kg K₂O ha⁻¹, K₂= 120 kg K₂O ha⁻¹, K₃= 180 kg K₂O ha⁻¹, S₁= 175 kg CaSO₄ ha⁻¹, S₂= 350 kg CaSO₄ ha⁻¹, and S₃= 525 kg CaSO₄ ha⁻¹.

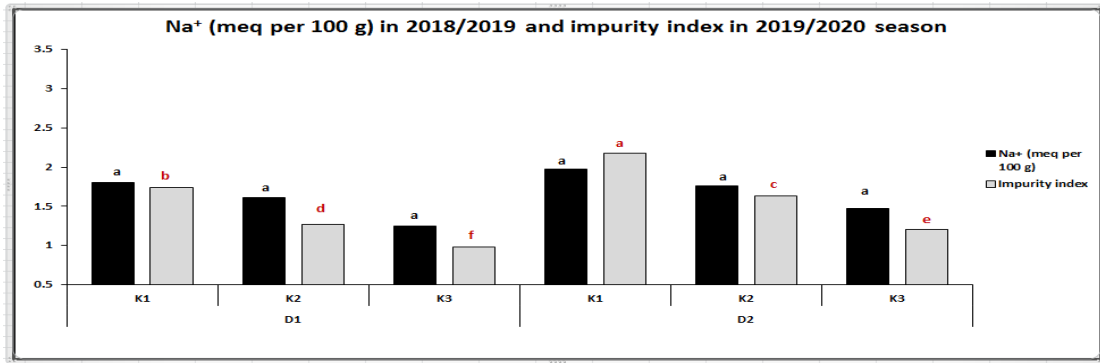


Figure S1. Na⁺ (meq per 100 g) in 2018/2019 season and impurity index in 2019/2020 season of sugar beet as affected by the interactions of sowing dates (D) and potassium (K), (Mean ± SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

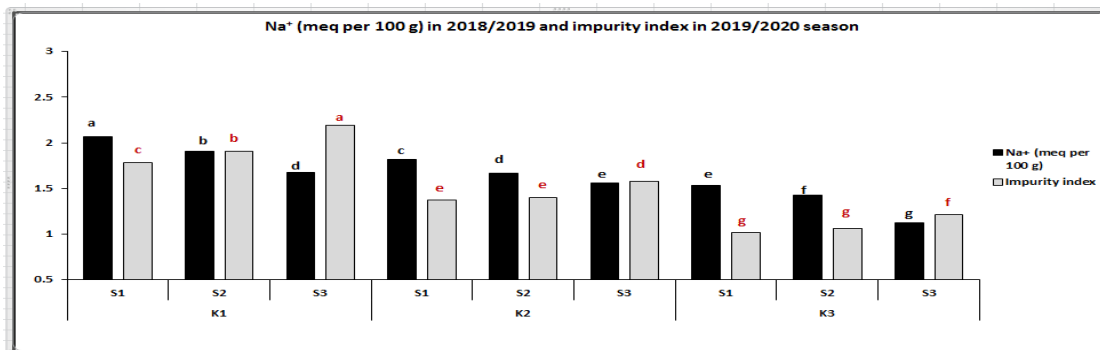


Figure S2. Na⁺ (meq per 100 g) in 2018/2019 season and impurity index in 2019/2020 season of sugar beet as affected by the interactions of potassium (K) and sulphure (S), (Mean ± SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

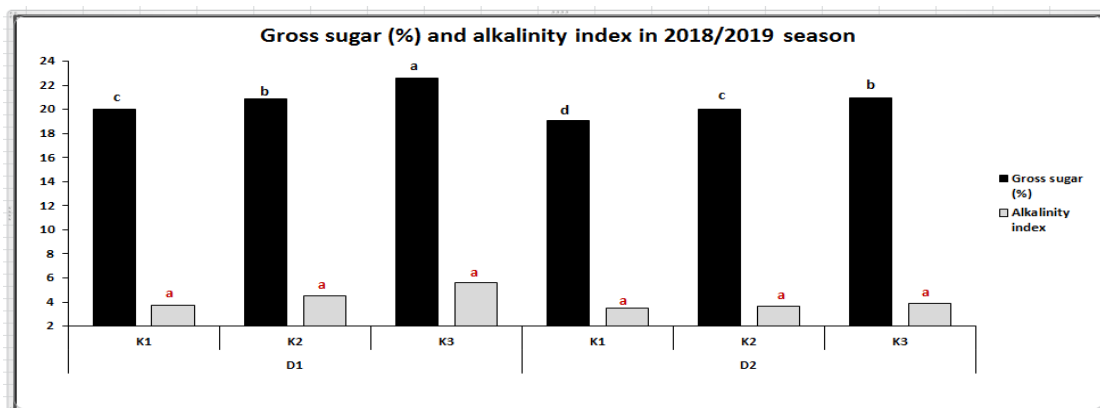


Figure S3. Gross sugar (%) and alkalinity index of sugar beet as affected by the interactions of sowing dates (D) and potassium (K), in 2018/2019 season (Mean ± SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

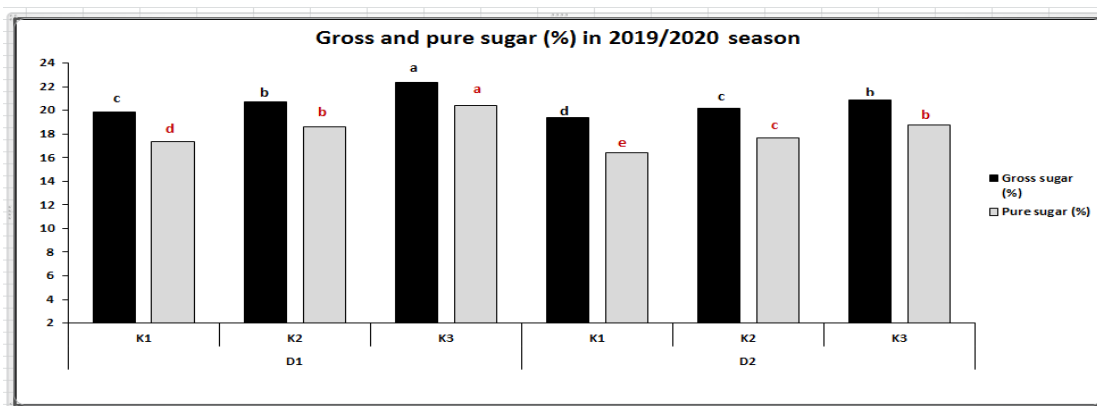


Figure S4. Gross and pure sugar (%) of sugar beet as affected by the interactions of sowing dates (D) and potassium (K), in 2019/2020 season (Mean \pm SE) under soil salinity ($E_{ce} = 8.96$ dS m^{-1}) conditions.

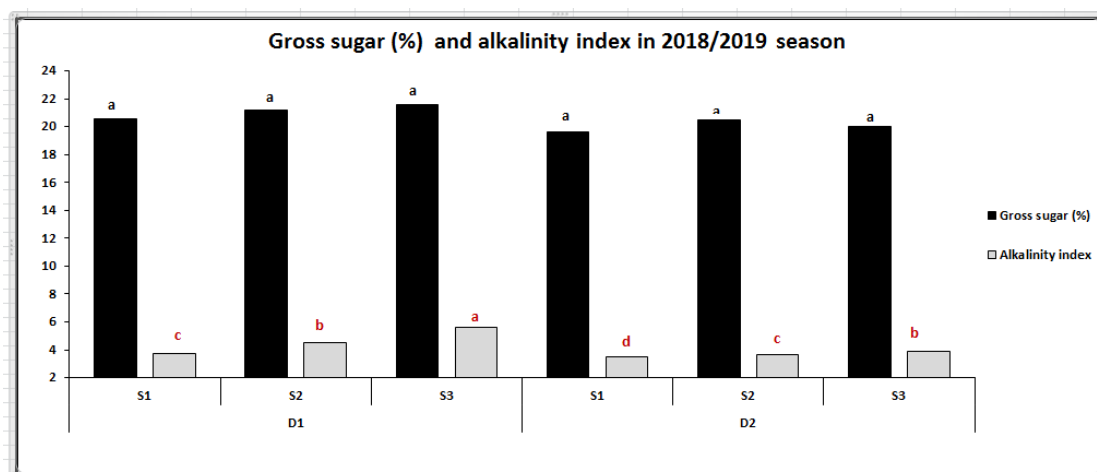


Figure S5. Gross sugar (%) and alkalinity index of sugar beet as affected by the interactions of sowing dates (D) and sulphure (S),in 2018/2019 season, (Mean \pm SE) under soil salinity ($E_{ce} = 8.96$ dS m^{-1}) conditions.

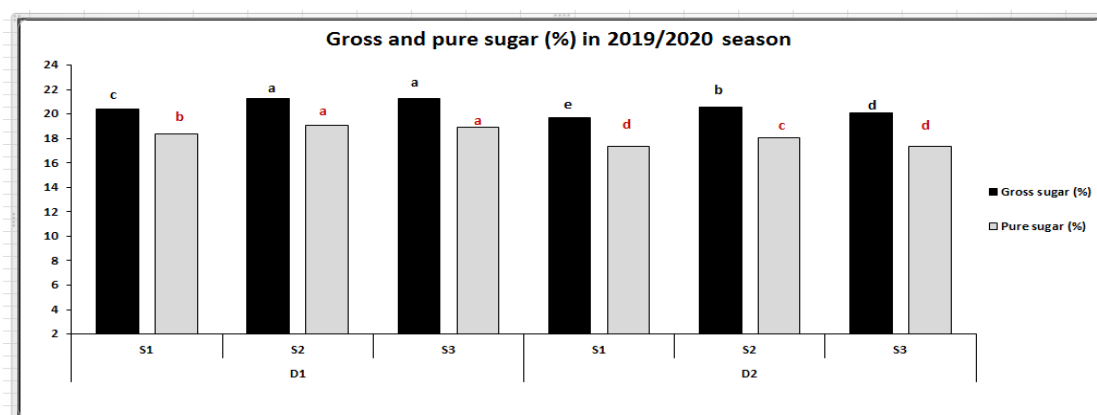


Figure S6. Gross and pure sugar (%) of sugar beet as affected by the interactions of sowing dates (D) and sulphure (S), in 2019/2020 season (Mean \pm SE) under soil salinity ($E_{ce} = 8.96$ dS m^{-1}) conditions.

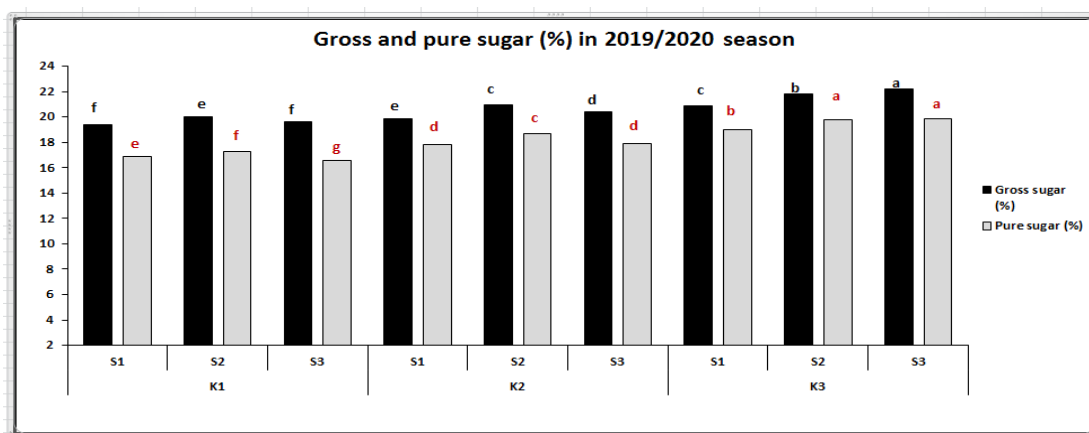


Figure S7. Gross and pure sugar (%) of sugar beet as affected by the interactions of potassium (K) and sulphure (S), in 2019/2020 season (Mean \pm SE) under soil salinity ($E_{ce} = 8.96 \text{ dS m}^{-1}$) conditions.

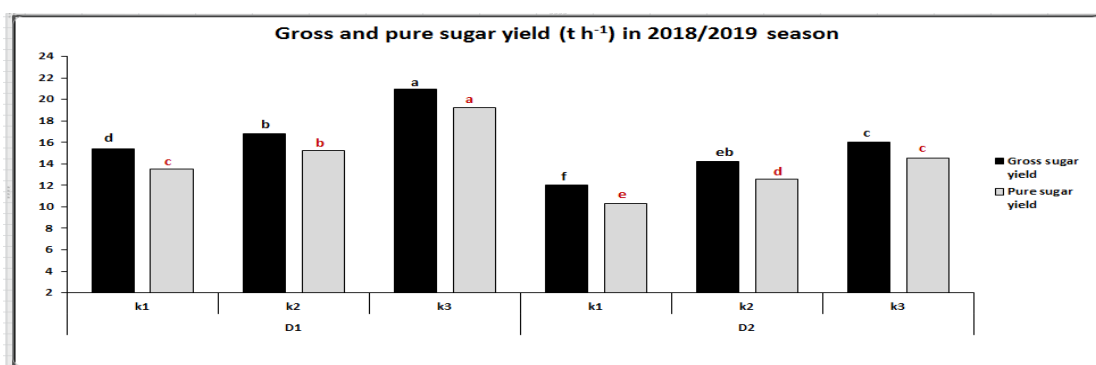


Figure S8. Gross and pure sugar yield (t h^{-1}) of sugar beet as affected by the interactions of sowing dates (d) and potassium (K), in 2018/2019 season (Mean \pm SE) under soil salinity ($E_{ce} = 8.96 \text{ dS m}^{-1}$) conditions.

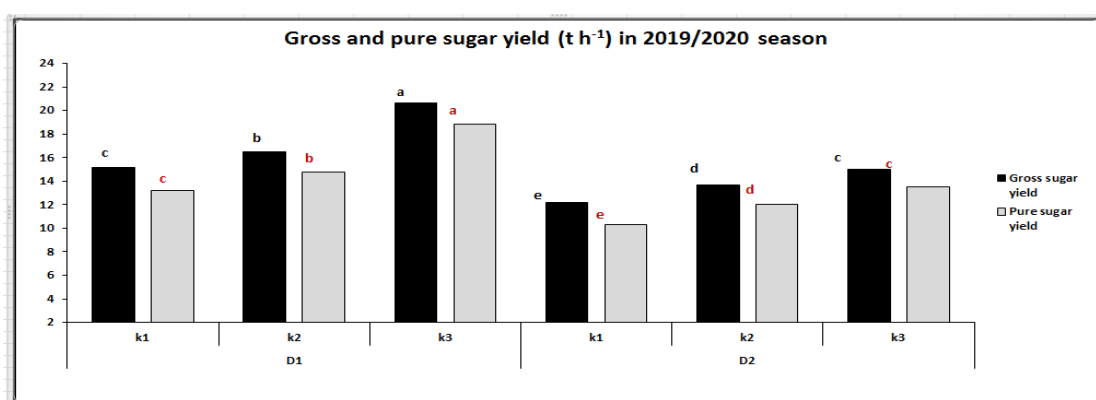


Figure S9. Gross and pure sugar yield (t h^{-1}) of sugar beet as affected by the interactions of sowing dates (d) and potassium (K), in 2019/2020 season (Mean \pm SE) under soil salinity ($E_{ce} = 8.96 \text{ dS m}^{-1}$) conditions.

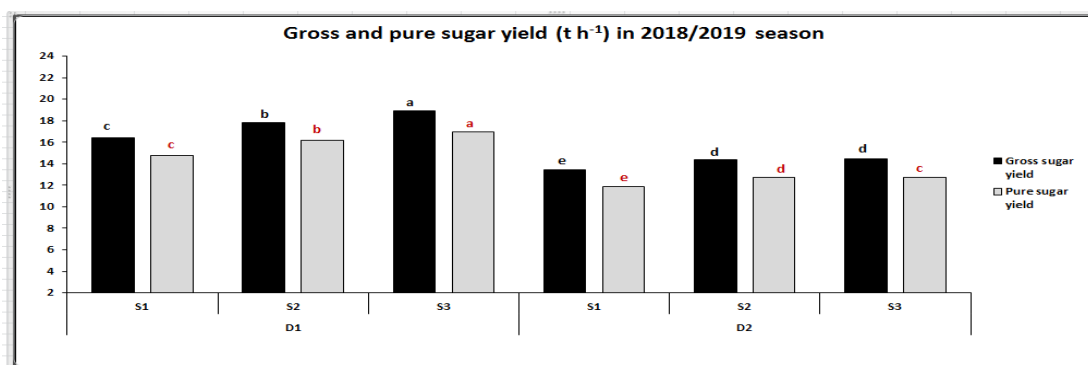


Figure S10. Gross and pure sugar yield (Mg h⁻¹) of sugar beet as affected by the interactions of sowing dates (d) and sulphure (S), in 2018/2019 season (Mean ± SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

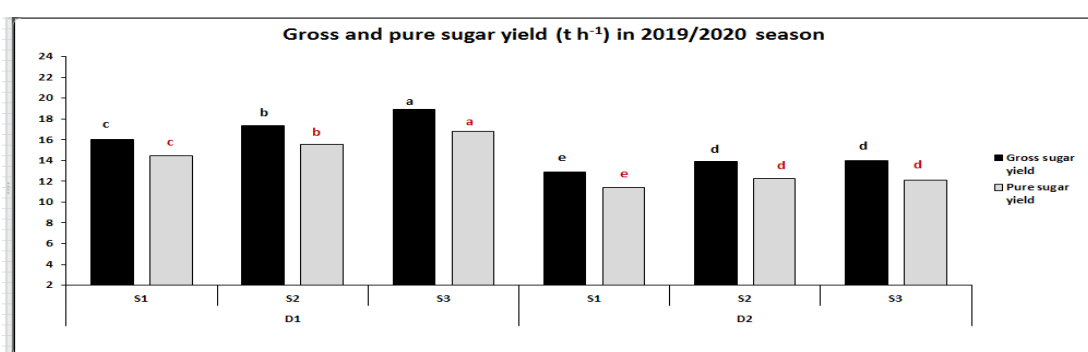


Figure S11. Gross and pure sugar yield (Mg h⁻¹) of sugar beet as affected by the interactions of sowing dates (d) and sulphure (S), in 2019/2020 season (Mean ± SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

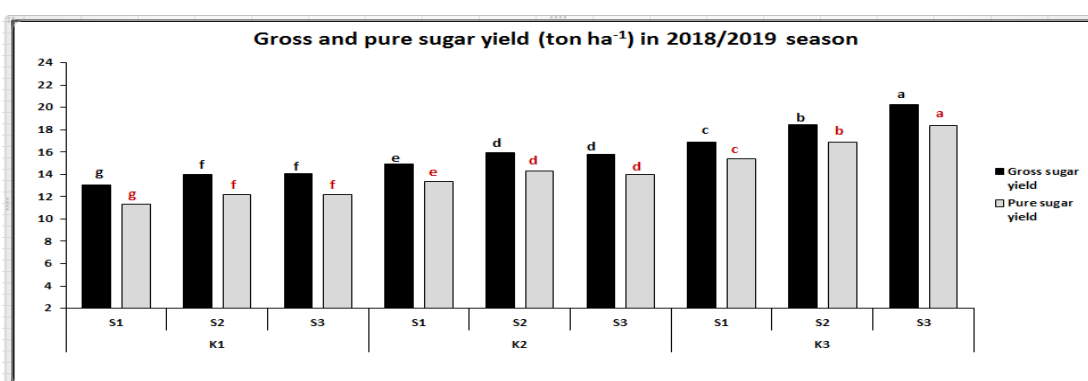


Figure S12. Gross and pure sugar yield (Mg h⁻¹) of sugar beet as affected by the interactions of potassium (K) and sulphure (S), in 2018/2019 season (Mean ± SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

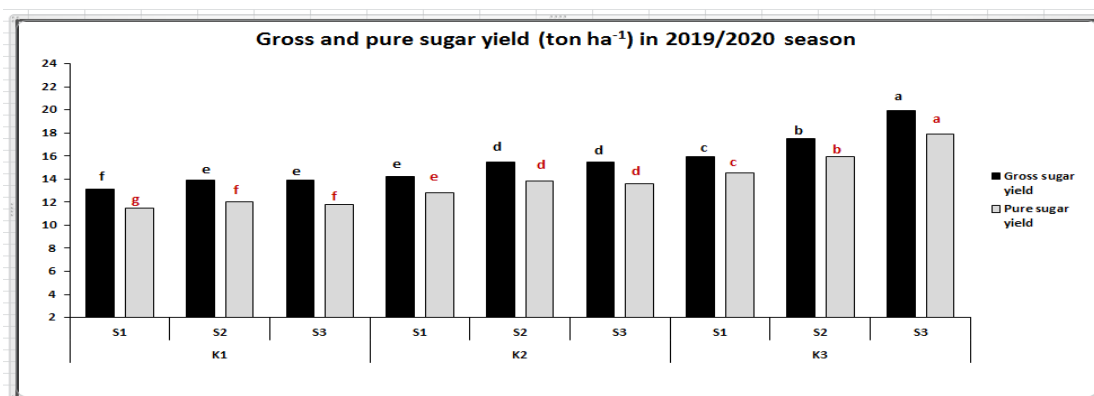


Figure S13. Gross and pure sugar yield (Mg h⁻¹) of sugar beet as affected by the interactions of potassium (K) and sulphure (S), in 2019/2020 season (Mean \pm SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

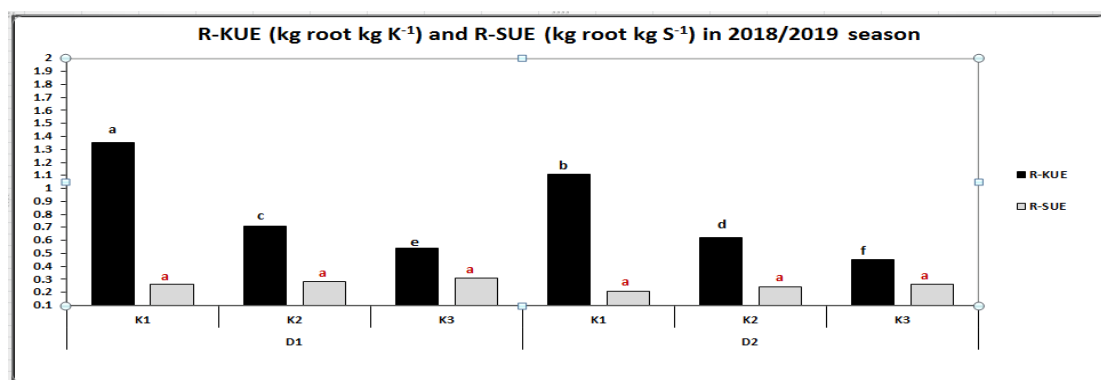


Figure S14. R-KUE (kg root kg K⁻¹) and R-SUE (kg root kg S⁻¹) of sugar beet as affected by the interactions of sowing dates (d) and potassium (K), in 2018/2019 season (Mean \pm SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

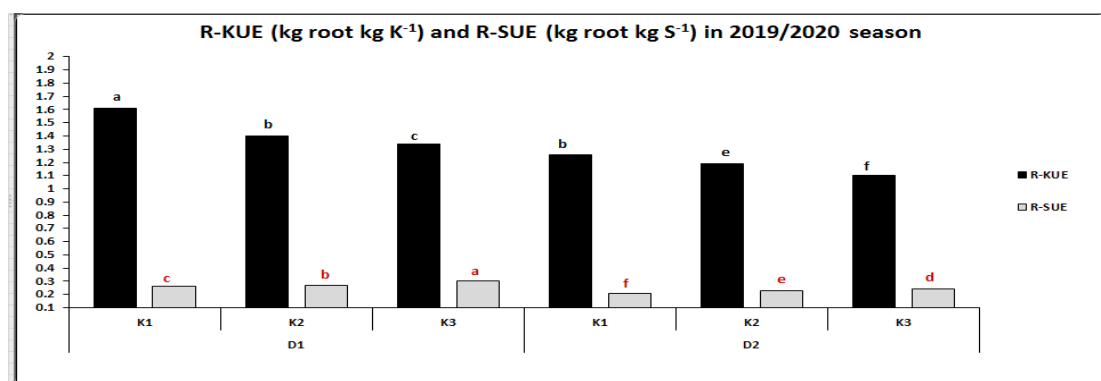


Figure S15. R-KUE (kg root kg K⁻¹) and R-SUE (kg root kg S⁻¹) of sugar beet as affected by the interactions of sowing dates (d) and potassium (K), in 2019/2020 season (Mean \pm SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

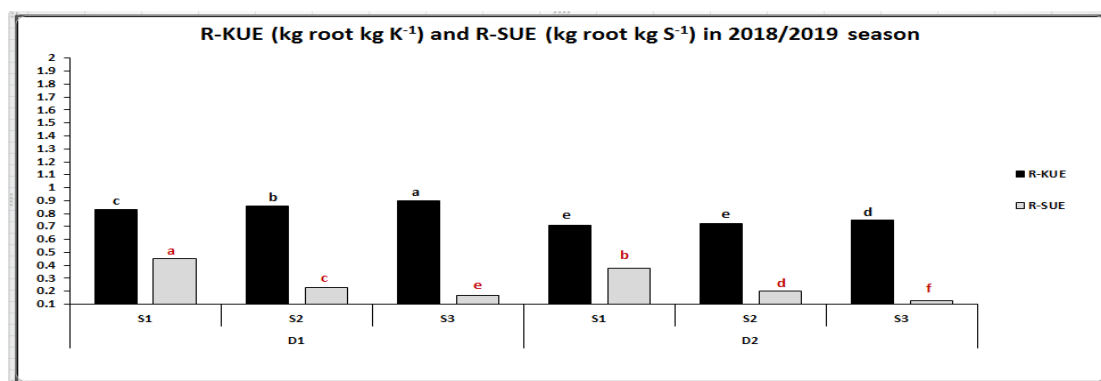


Figure S16. R-KUE (kg root kg K⁻¹) and R-SUE (kg root kg S⁻¹) of sugar beet as affected by the interactions of sowing dates (d) and sulphure (S), in 2018/2019 season (Mean \pm SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

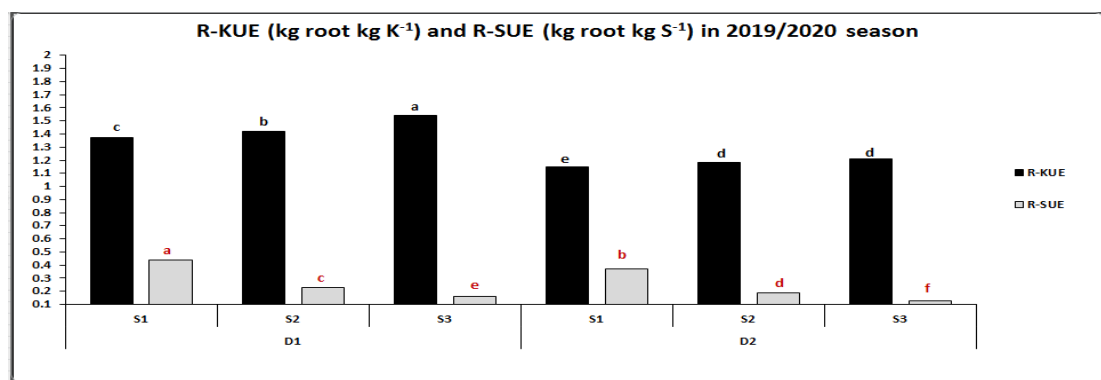


Figure S17. R-KUE (kg root kg K⁻¹) and R-SUE (kg root kg S⁻¹) of sugar beet as affected by the interactions of sowing dates (d) and sulphure (S), in 2019/2020 season (Mean \pm SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

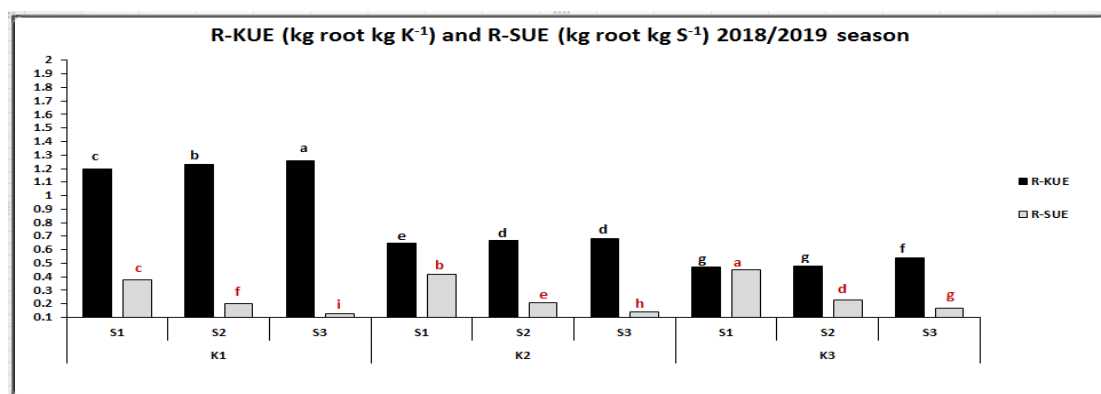


Figure S18. R-KUE (kg root kg K⁻¹) and R-SUE (kg root kg S⁻¹) of sugar beet as affected by the interactions of potassium (K) and sulphur (S), in 2018/2019 season (Mean \pm SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

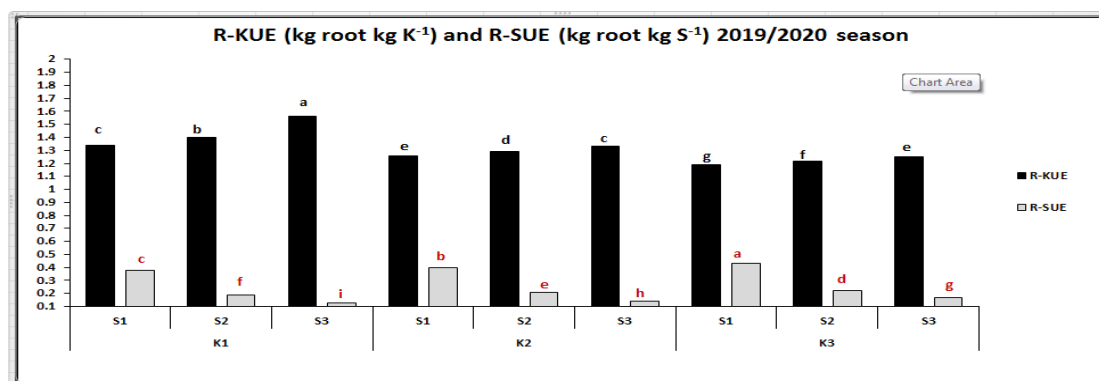


Figure S19. R-KUE (kg root kg K⁻¹) and R-SUE (kg root kg S⁻¹) of sugar beet as affected by the interactions of potassium (K) and sulphur (S), in 2019/2020 season (Mean ± SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

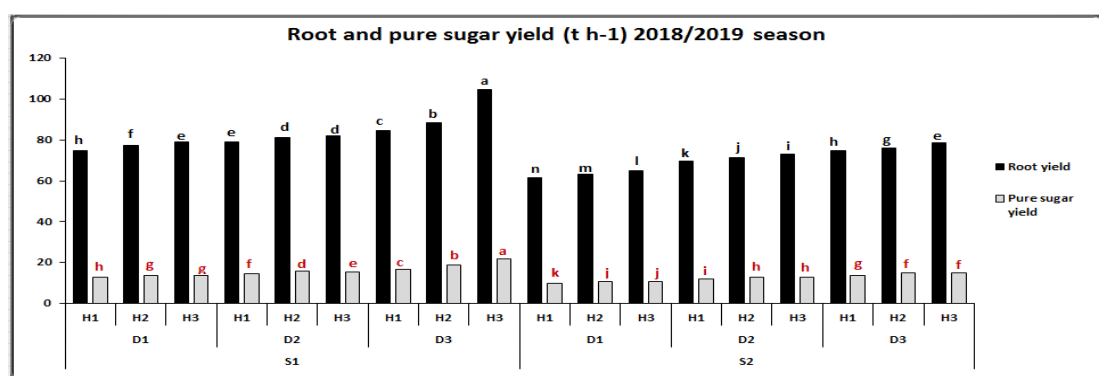


Figure S20. Root yield (Mg ha⁻¹) and pure sugar yield (Mg ha⁻¹) of sugar beet as affected by the interactions of sowing date (D), potassium (K) and sulphur (S), in 2018/2019 season (Mean ± SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.

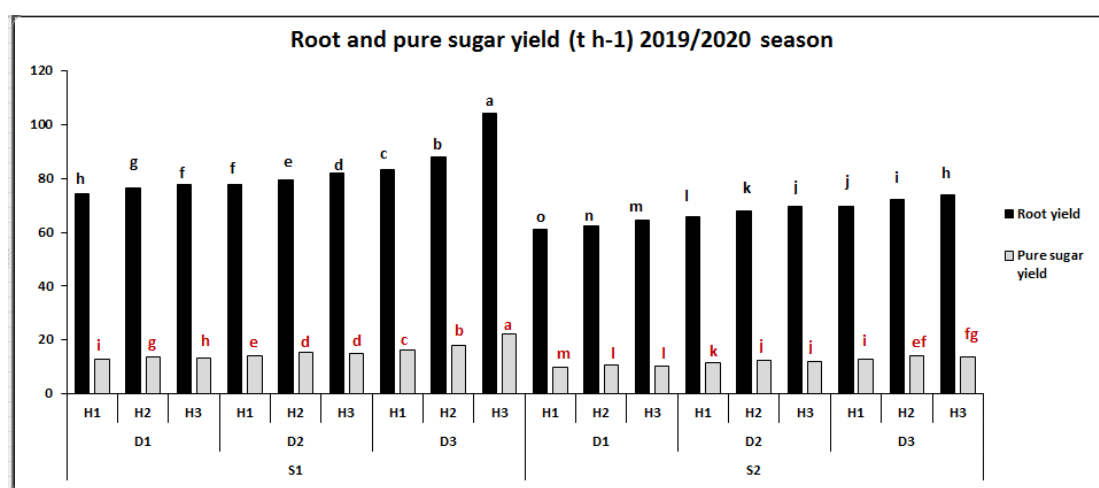


Figure S21. Root yield (Mg ha⁻¹) and pure sugar yield (Mg ha⁻¹) of sugar beet as affected by the interactions of sowing date (D), potassium (K) and sulphur (S), in 2019/2020 season (Mean ± SE) under soil salinity (ECe = 8.96 dS m⁻¹) conditions.