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Enhancing Organic Selenium Forms in Alfalfa Forage through Inorganic Selenium Foliar Application: Insights from Laboratory and Field Studies Using X-ray Spectroscopy.

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Supplementary Table S3. Effect of foliar selenium application on yield parameters in alfalfa plants grown under different Se treatments in controlled conditions.

			N° Branches	Mean Height of Branches (cm)	N° Leaves	Shoot FW (g)	Shoot DM (%)
CONTROL		(-) BIO	8.00 ± 1.22 a,b,c,d,e	32.95 ± 4.26 a,b,c,d	110.25 ± 9.11 b,c	9.42 ± 1.40 a,b	22.06 ± 0.65 c,d,e,f
		(+) BIO	7.60 ± 1.52 a,b,c,d	27.58 ± 2.87 a	94.75 ± 29.15 a,b	8.41 ± 1.63 a	19.83 ± 2.14 a,b,c,d,e
Se(VI)	45 g ha^{-1}	(-) BIO	8.50 ± 2.38 b,c,d,e	31.37 ± 6.63 a,b,c,d	109.00 ± 14.18 a,b,c	9.47 ± 2.10 a,b	19.54 ± 2.13 a,b,c,d,e
		(+) BIO	7.25 ± 2.63 a,b,c,d	31.06 ± 6.70 a,b,c	116.67 ± 19.43 b,c	8.69 ± 2.51 a,b	24.53 ± 2.03 f
	90 g ha^{-1}	(-) BIO	8.80 ± 1.10 c,d,e	34.79 ± 4.14 b,c,d,e	105.50 ± 18.08 a,b,c	9.47 ± 1.58 a,b	19.50 ± 0.62 a,b,c,d
		(+) BIO	8.20 ± 1.30 a,b,c,d,e	31.07 ± 5.26 a,b,c	107.00 ± 6.22 a,b,c	8.85 ± 1.72 a,b	19.36 ± 3.36 a,b,c,d
Se(IV)	45 g ha^{-1}	(-) BIO	6.75 ± 1.26 a,b	38.71 ± 8.84 d,e	127.50 ± 8.23 c,d	10.87 ± 0.70 b,c	21.64 ± 1.64 b,c,d,e,f
		(+) BIO	9.25 ± 1.71 d,e	34.37 ± 4.22 a,b,c,d,e	149.25 ± 25.17 d	11.91 ± 1.30 c	20.69 ± 1.27 a,b,c,d,e
	90 g ha^{-1}	(-) BIO	9.60 ± 1.34 e	28.62 ± 2.62 a,b	98.40 ± 25.24 a,b	8.03 ± 1.06 a	20.03 ± 1.93 a,b,c,d,e
		(+) BIO	7.60 ± 1.14 a,b,c,d	37.84 ± 5.12 c,d,e	108.00 ± 9.59 a,b,c	9.68 ± 1.50 a,b,c	18.02 ± 0.93 a
Se(Mix)	45 g ha^{-1}	(-) BIO	7.50 ± 0.58 a,b,c,d	36.67 ± 2.16 c,d,e	96.00 ± 4.58 a,b	8.72 ± 1.26 a,b	22.91 ± 4.23 d,e,f
		(+) BIO	6.25 ± 1.71 a	38.07 ± 7.73 c,d,e	79.00 ± 6.08 a	8.25 ± 1.52 a	19.02 ± 3.78 a,b,c
	90 g ha^{-1}	(-) BIO	7.00 ± 1.00 a,b,c	35.52 ± 2.34 b,c,d,e	112.25 ± 9.74 b,c	10.37 ± 1.02 a,b,c	22.95 ± 3.44 e,f
		(+) BIO	6.75 ± 1.71 a,b	41.01 ± 8.58 e	111.00 ± 20.07 b,c	8.91 ± 3.68 a,b	18.16 ± 5.04 a,b

Note. -BIO: without biostimulant, +BIO: with biostimulant (BIOFORGE® 600 mL ha^{-1}), Se(Mix): Se(VI)/Se(IV) (1:1). The results are expressed as the mean (n = 5) ± SE. Means not sharing any letter are significantly different by the LSD test at the $P < 0.05$ level of significance.