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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.

María-Jesús Sánchez-Martín [1,*], Mónica Gaggiotti [2], Laura Simonelli [3], Carlo Marini [3], Federico Marini [4], Roberto Boada [1], Mercè Llugany [5], Manuel Valiente [1], Gabriel Céccoli [7,8], María Micaela Stoffel [7], Marcia Viltres-Portales [1], Juan Manuel Pico [9], María Gabriela Guevara [6], Fernando Felipe Muñoz [6,7,*]

* Correspondence: MariaJesus.Sanchez@uab.cat and fermunoz81@gmail.com

Supplementary Table S4. Effect of foliar selenium application on forage quality parameters, including percentages of crude protein (CP), neutral detergent fiber (NDF), acid detergent fiber (ADF), and acid detergent lignin (ADL) in alfalfa plants grown under different Se treatments in controlled conditions.

			CP (%)	NDF (%)	ADF (%)	ADL (%)
CONTROL		**(-) BIO**	14.89 ± 0.77 b,c,d	53.77 ± 1.58 a,b,c,d	43.91 ± 0.32 a,b,c,d	10.34 ± 0.45 a
		(+) BIO	15.07 ± 1.10 b,c,d	51.58 ± 1.65 a,b,c,d	40.55 ± 1.38 a,b,c	10.41 ± 0.01 a
Se(VI)	**45 g ha^{-1}**	**(-) BIO**	11.17 ± 0.39 a	58.34 ± 3.95 d	47.39 ± 3.09 c,d	10.51 ± 0.16 a
		(+) BIO	14.97 ± 1.83 b,c,d	48.92 ± 3.63 a,b	38.69 ± 4.50 a,b	10.15 ± 0.19 a
	90 g ha^{-1}	**(-) BIO**	14.60 ± 1.24 b,c,d	55.76 ± 0.93 b,c,d	44.64 ± 0.59 a,b,c,d	10.50 ± 0.47 a
		(+) BIO	15.13 ± 1.26 b,c,d	52.79 ± 1.99 a,b,c,d	44.28 ± 0.83 a,b,c,d	10.27 ± 0.33 a
Se(IV)	**45 g ha^{-1}**	**(-) BIO**	13.76 ± 0.95 b,c	51.06 ± 1.63 a,b,c	43.55 ± 1.69 a,b,c,d	9.96 ± 1.11 a
		(+) BIO	12.85 ± 1.63 a,b	56.82 ± 2.55 c,d	48.76 ± 1.65 d	10.37 ± 0.42 a
	90 g ha^{-1}	**(-) BIO**	15.14 ± 0.69 b,c,d	55.86 ± 9.62 b,c,d	46.92 ± 7.38 c,d	10.24 ± 0.18 a
		(+) BIO	13.68 ± 1.51 b	55.77 ± 0.76 b,c,d	45.84 ± 0.45 b,c,d	9.97 ± 0.82 a
Se(Mix)	**45 g ha^{-1}**	**(-) BIO**	14.57 ± 0.76 b,c,d	52.42 ± 1.14 a,b,c,d	41.83 ± 1.23 a,b,c,d	10.10 ± 0.13 a
		(+) BIO	16.00 ± 0.13 c,d	55.39 ± 2.72 a,b,c,d	37.81 ± 9.39 a	10.30 ± 0.33 a
	90 g ha^{-1}	**(-) BIO**	16.21 ± 0.92 d	48.70 ± 0.87 a	39.60 ± 2.04 a,b,c	10.29 ± 0.17 a
		(+) BIO	14.72 ± 0.00 b,c,d	52.01 ± 0.46 a,b,c,d	41.00 ± 0.28 a,b,c,d	10.44 ± 0.07 a

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 = 3) ± SE. Means not sharing any letter are significantly different by the LSD test at the $P < 0.05$ level of significance.