

Citrate-coated cobalt ferrite nanoparticles for the nano-enabled biofortification of wheat

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Table S7 Degree of biofortification in wheat grains of three different wheat lines fertilized with Fe-EDTA or citrate-coated CoFe₂O₄ NPs by soil or foliar applications.

Genotype	Type application	Treatment	Degree of biofortification (%)
AF1104	Soil application	Fe-EDTA	6.60±23.39
		NPs 46	3.04±8.46
		NPs 68	-7.40±10.76
	Foliar application	Fe-EDTA	9.59±21.83
		NPs	27.02±33.23
		Mean	7.77±21.57 B
AF1116	Soil application	Fe-EDTA	78.28±96.77 b
		NPs 46	6.11±11.41 b
		NPs 68	394.41±121.19 a
	Foliar application	Fe-EDTA	21.35±11.80 b
		NPs	42.00±14.61 b
		Mean	109.02±161.02 A
MULTIAF2	Soil application	Fe-EDTA	-10.28±7.27 b
		NPs 46	-25.48±21.50 b
		NPs 68	27.09±5.61 a
	Foliar application	Fe-EDTA	-37.82±4.06 b
		NPs	-31.96±8.75 b
		Mean	-15.69±25.92 C
	Soil application	Fe-EDTA	24.86±30.81 b
		NPs 46	-5.44±19.84 b
		NPs 68	138.03±202.25 a
	Foliar application	Fe-EDTA	-1.29±30.81 b
NPs		12.35±38.67 b	