

Table S1. List of primers used for real-time PCR analysis.

	Gene Name	Description	Forward Primer	Reverse Primer
1.	<i>GmhPCS1</i>	Phytochelatin synthase 1 (PCS1)	AAGGCTTGCTATCAAGGAAGAGG	CTGATACTTGTTGCCTGCTGC
	<i>GmG6PDH2</i>	Glucose-6-phosphate dehydrogenase	AGCTAACTCTGCTTCACTTGGT	GCTGGTAAGAATCCCTGCCG
2.	<i>GmNRAMP1b</i>	Metal transporter NRAMP2-related	GAATTGGCCCTGTCCTCAAGATTA	GTGGTAGCAACTGTCTTTGATCG
3.	<i>GmPDR12</i>	Pleiotropic drug resistant / ABC transporter	TATGCAGTGTGGAATCTCTTCTCAG	CAATCCATACAAACTCCATGCTACA
4.	<i>GmGolS</i>	Galactinol synthase	GTGACCACAACCCTTCCTCC	TCAACGTTCTCAGGGTGACG
5.	<i>GmGSNOR1</i>	S-Nitrosogluthathione Reductase / alcohol dehydrogenase class-3	TGTTGGGTTGCTTTTCCCCT	TCTTTCTGATCACAAGTTTGCCA
6.	<i>GmGSH2</i>	Glutathione synthase / GSH synthetase	GAAAGAGGCCAAAATGGGCG	ACGCTTCCTGATCTCTGAACG
7.	<i>GmELF1b</i>	Reference gene	CCACTGCTGAAGAAGATGATGATG	AAGGACAGAAGACTTGCCACTC



Figure S1. Effect of GSNO supplementation on (a) phenotype under control condition, (b) phenotype under lead stress and (c) plant height under lead stress. The mean of three replicates were used. Bars exhibiting different letters indicate significant differences as evaluated by Tukey's test and t-test at $P \leq 0.05$.