

### Online Supplementary Information

**Table S1.** Correlation analysis between Se/Zn application dose and seed Se/Zn concentration in the studied pea varieties.

Treatment	Variety	Regression Equation	r <sup>2</sup>	p-Value
Se	Ambassador	$y = 0.0385x + 0.0907$	0.999	0.004
	Premium	$y = 0.0318x + 0.0638$	0.999	0.002
Zn	Ambassador	$y = -0.0093x + 43.953$	0.999	0.019
	Premium	$y = 0.0057x + 32.016$	0.722	0.354