

Table 3. Heights, fresh weights for shoots, dry weights for shoots, and dry weights of roots for chile pepper plants grown in soil with mustard cover crop and soil without mustard cover crop residues. Chile pepper plants were grown in a greenhouse by transplanting 2-leaf stage chile pepper plants into 25-cm diameter pots with appropriate soil types. Chile pepper plants were harvested 60 days after transplanting. Data are presented in means  $\pm$  error. For all sites except Leyendecker, n=18. For Leyendecker, n=24. For each response variable and within a site, means with the same letter are not different as indicated by paired t-tests ( $\alpha = 0.05$ ).

Site	Treatment	Height (cm)	Fresh shoot (g)	Dry shoot (g)	Dry root (g)	Wilted plants (%)
Leyendecker	No mustard residues	19.4 $\pm$ 1.19 <sup>a</sup>	11.8 $\pm$ 1.99 <sup>a</sup>	1.8 $\pm$ 0.22 <sup>a</sup>	0.5 $\pm$ 0.11 <sup>a</sup>	12.5
	With mustard residues	22.2 $\pm$ 2.42 <sup>a</sup>	17.7 $\pm$ 2.42 <sup>b</sup>	3.2 $\pm$ 0.41 <sup>b</sup>	1.3 $\pm$ 0.14 <sup>b</sup>	0
Deming	No mustard residues	27.4 $\pm$ 2.63 <sup>a</sup>	35.8 $\pm$ 5.37 <sup>a</sup>	6.5 $\pm$ 0.88 <sup>a</sup>	2.8 $\pm$ 0.49 <sup>a</sup>	33.3
	With mustard residues	39.0 $\pm$ 2.76 <sup>b</sup>	61.9 $\pm$ 6.36 <sup>b</sup>	10.9 $\pm$ 1.06 <sup>b</sup>	5.5 $\pm$ 0.70 <sup>b</sup>	0
Columbus	No mustard residues	32.6 $\pm$ 0.81 <sup>b</sup>	32.9 $\pm$ 2.26 <sup>a</sup>	5.00 $\pm$ 0.31 <sup>a</sup>	1.9 $\pm$ 0.19 <sup>a</sup>	22
	With mustard residues	32.5 $\pm$ 0.91 <sup>b</sup>	41.08 $\pm$ 2.51 <sup>b</sup>	5.76 $\pm$ 0.42 <sup>a</sup>	2.8 $\pm$ 0.23 <sup>b</sup>	0