Supplementary Materials

Table S1. Polynomial contrasts on the means of adventitious root number, root dry mass, total root length, total root surface area, root volume and average root diameter of basil, tomato, and chrysanthemum cuttings as affected by biostimulant and auxin applications.

Plant Species	Root number	Root dry mass (g plant^{-1})	Total root length (mm)	Root surface area (mm^2)	Root volume (mm^3)	Root diameter (mm)
Basil	ns	ns	ns	*	*	ns
Tomato	***	ns	***	ns	ns	***
Chrysanthemum	***	***	***	***	**	**

ns, *, **, and *** indicate non-significant, or significant at $P < 0.05$, 0.01, and 0.001, respectively.

Table S2. Polynomial contrasts on the means of root diameter class (mm) and relative diameter class length (%) of basil, tomato, and chrysanthemum cuttings as affected by biostimulant and auxin applications. Percentage values at each diameter class are given.

Plant Species	Root diameter class (mm)				
	0-0.25	0.25-0.50	0.50-0.75	0.75-1.00	>1.00
	Relative root diameter class length (%)				
Basil	ns	ns	ns	ns	ns
Tomato	***	ns	***	***	***
Chrysanthemum	***	*	***	***	***

ns, *, **, and *** indicate non-significant, or significant at $P < 0.05$, 0.01, and 0.001, respectively.

Table S3. Polynomial contrasts on the means of on stem length, leaves, stems, and shoot dry mass, SPAD index, and root-to-shoot ratio of basil, tomato, and chrysanthemum cuttings as affected by biostimulant and auxin applications. Percentage values at each diameter class are given.

Plant Species	Stem length (cm)	Dry mass (g plant^{-1})			SPAD Index	Root-to-shoot ratio
		Shoots	Leaves	Stems		
Basil	ns	ns	ns	ns	ns	ns
Tomato	ns	**	***	ns	ns	*
Chrysanthemum	***	ns	ns	*	*	***

ns, *, **, and *** indicate non-significant, or significant at $P < 0.05$, 0.01, and 0.001, respectively.
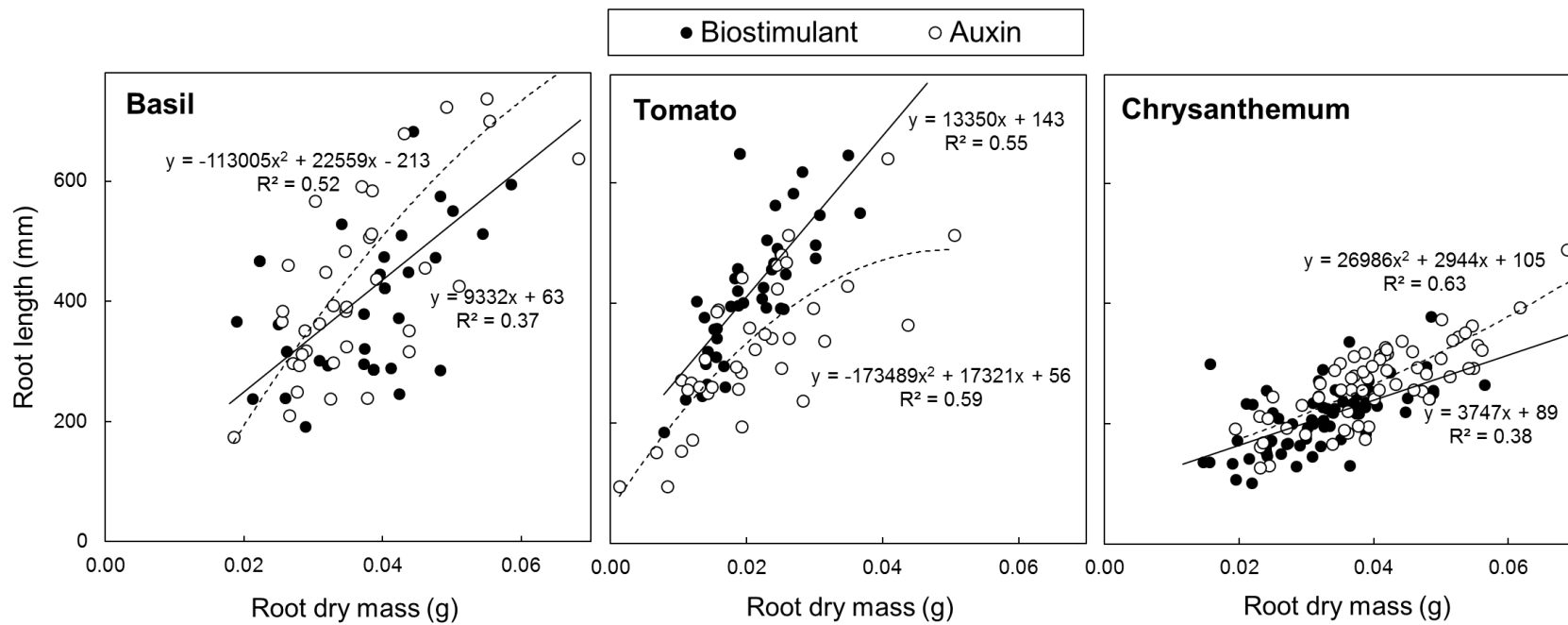
Figure S1 | The relationship between root dry mass and total root length of basil, tomato, and chrysanthemum cuttings as affected by biostimulant and auxin applications.