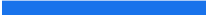

AnnGro

THE EFFECT ON PLANT VIGOR



BioPherTM



Treatment	Water (L/ha)	AnnGro (ml/ha)
1	200	
2	200	100

- Trial facilitator: BioPher (Pty) Ltd
- Area: Bloemfontein, FS, RSA.
- Specific conditions: Controlled net house conditions under drip irrigation
- Crop: Lettuce
- Planting date: 11 October 2019
- Application date: 29 October 2019
- Harvesting date: December 2019
- Application method: Foliar application
- Growth stage at application: Seedling

Trial 092

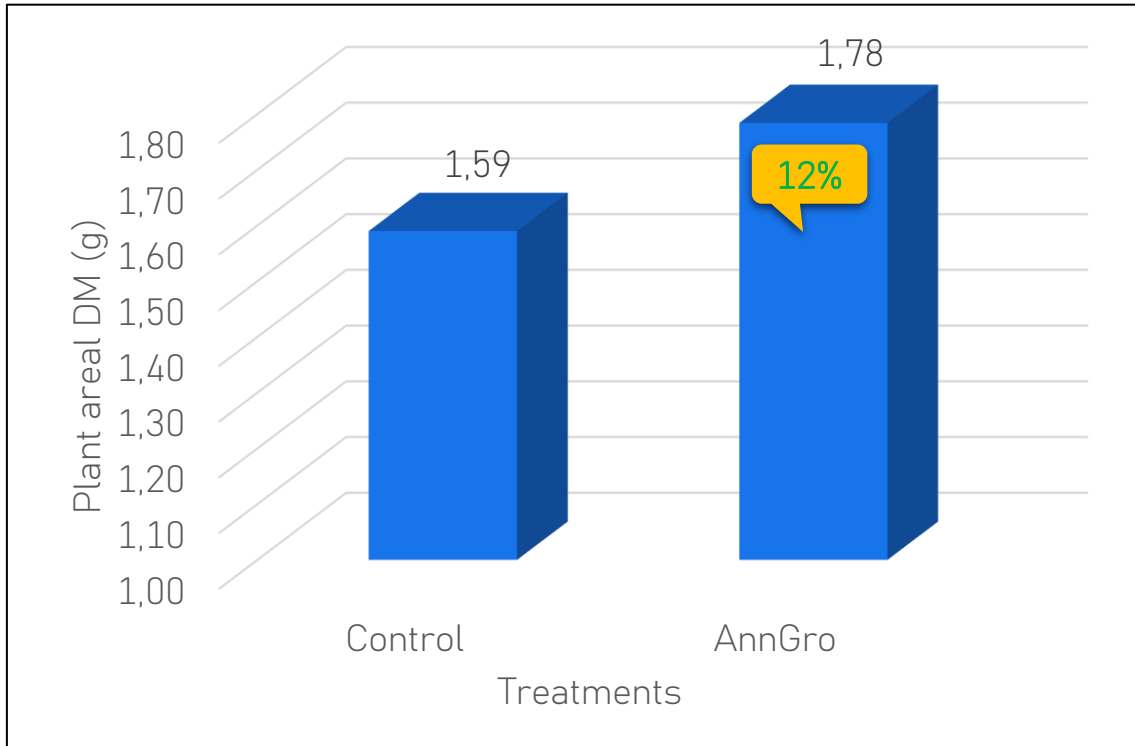


Figure 1 Plant areal DM of lettuce seedlings. $P = 0.38$; $LSD_{(T;0.05)} = 0.54$.

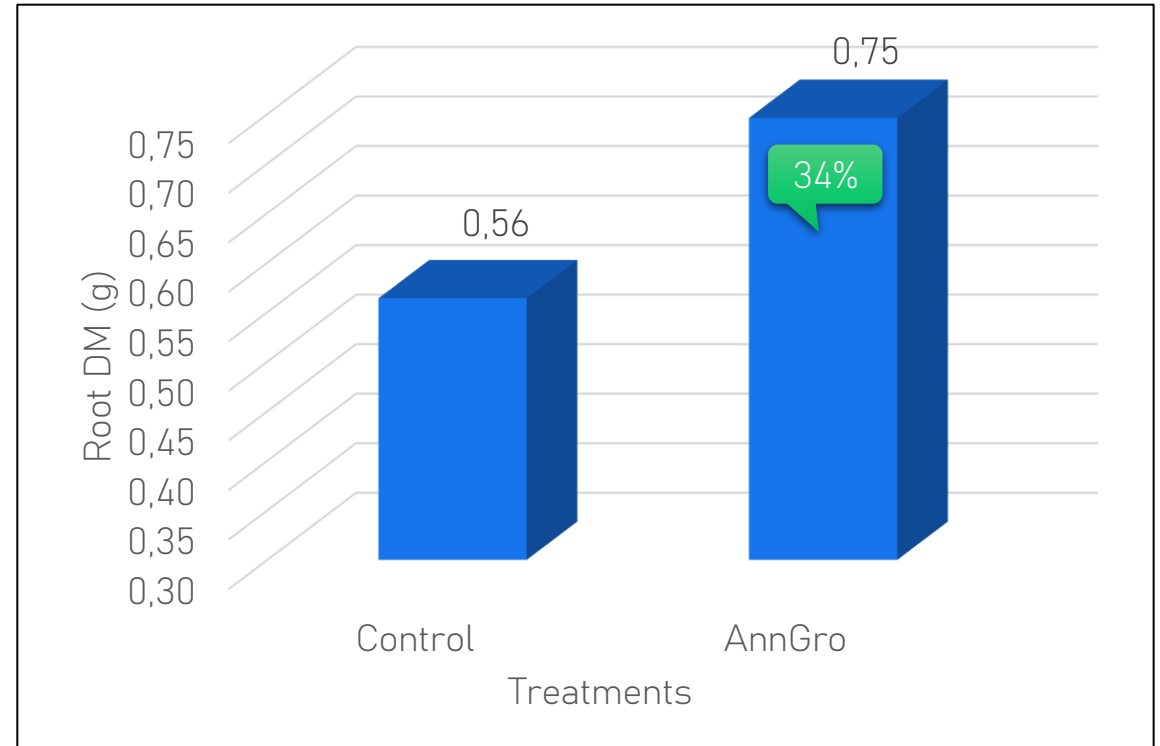


Figure 2 Root DM of lettuce seedlings. $P = 0.001$, $LSD_{(T;0.05)} = 0.06$.

Treatment	Water (L/ha)	AnnGro (ml/ha)
1	200	
2	200	100

Trial 107

-
- Trial facilitator: BioPher (Pty) Ltd
 - Area: Bloemfontein, FS, RSA.
 - Specific conditions: Controlled net house conditions
 - Crop: Soybeans
 - Planting date: 29 November 2019
 - Application date: 23 December 2019
 - Harvesting date: January 2020
 - Application method: Foliar application
 - Growth stage at application: 4 - 5 weeks after emergence

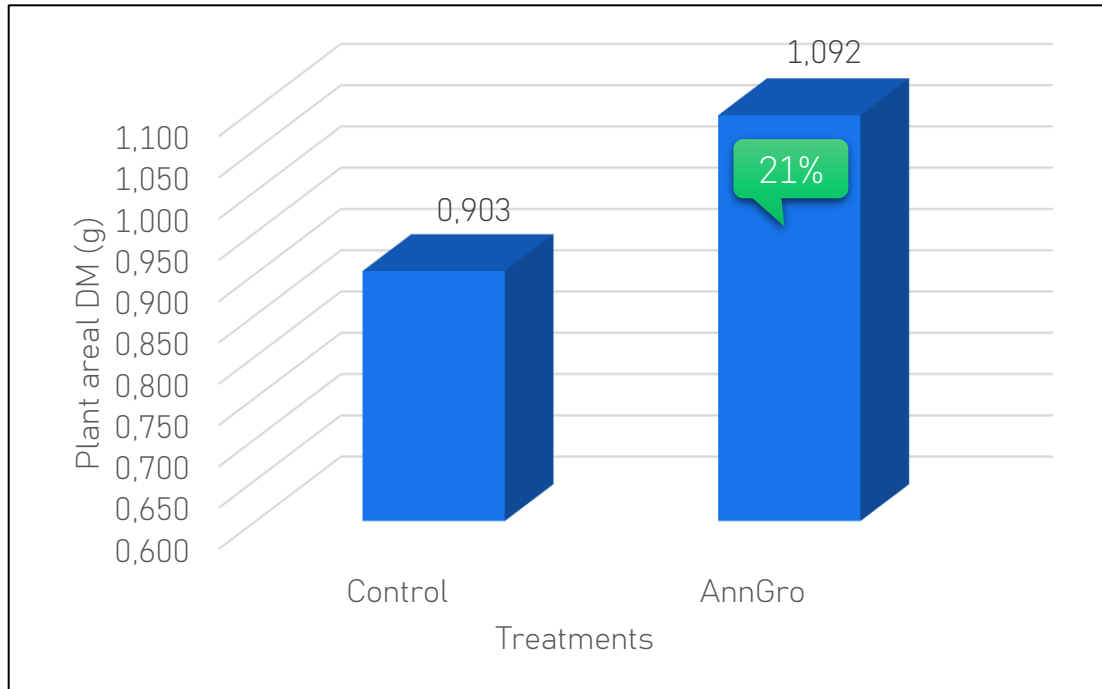


Figure 1 Plant areal DM of soybean seedlings. $P = 0.02$; $LSD_{(T;0.05)} = 0.14$.

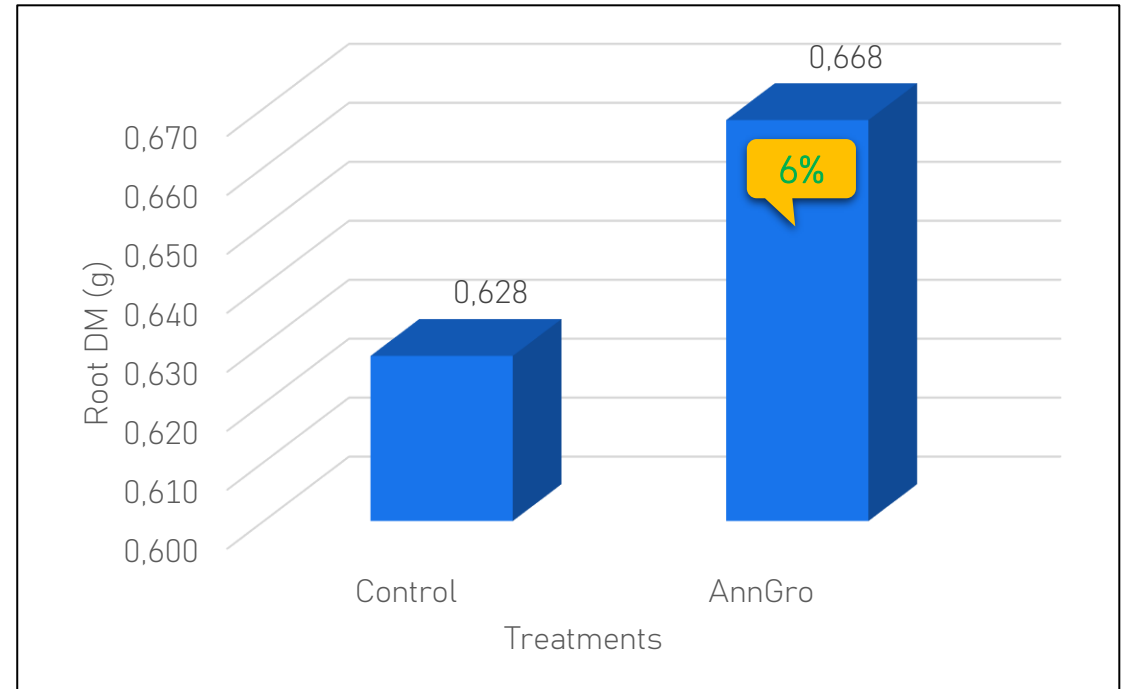
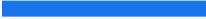


Figure 2 Root DM of soybean seedlings. $P = 0.38$; $LSD_{(T;0.05)} = 0.11$.



Treatment	Water (L/ha)	AnnGro (ml/ha)
1	200	
2	200	100

- Trial facilitator: BioPher (Pty) Ltd
- Area: Bloemfontein, Free State, RSA
- Specific conditions: Net house conditions under controlled drip irrigation
- Crop: Cabbage
- Application method: Foliar application
- Growth stage at application: Seedling

Trial 185

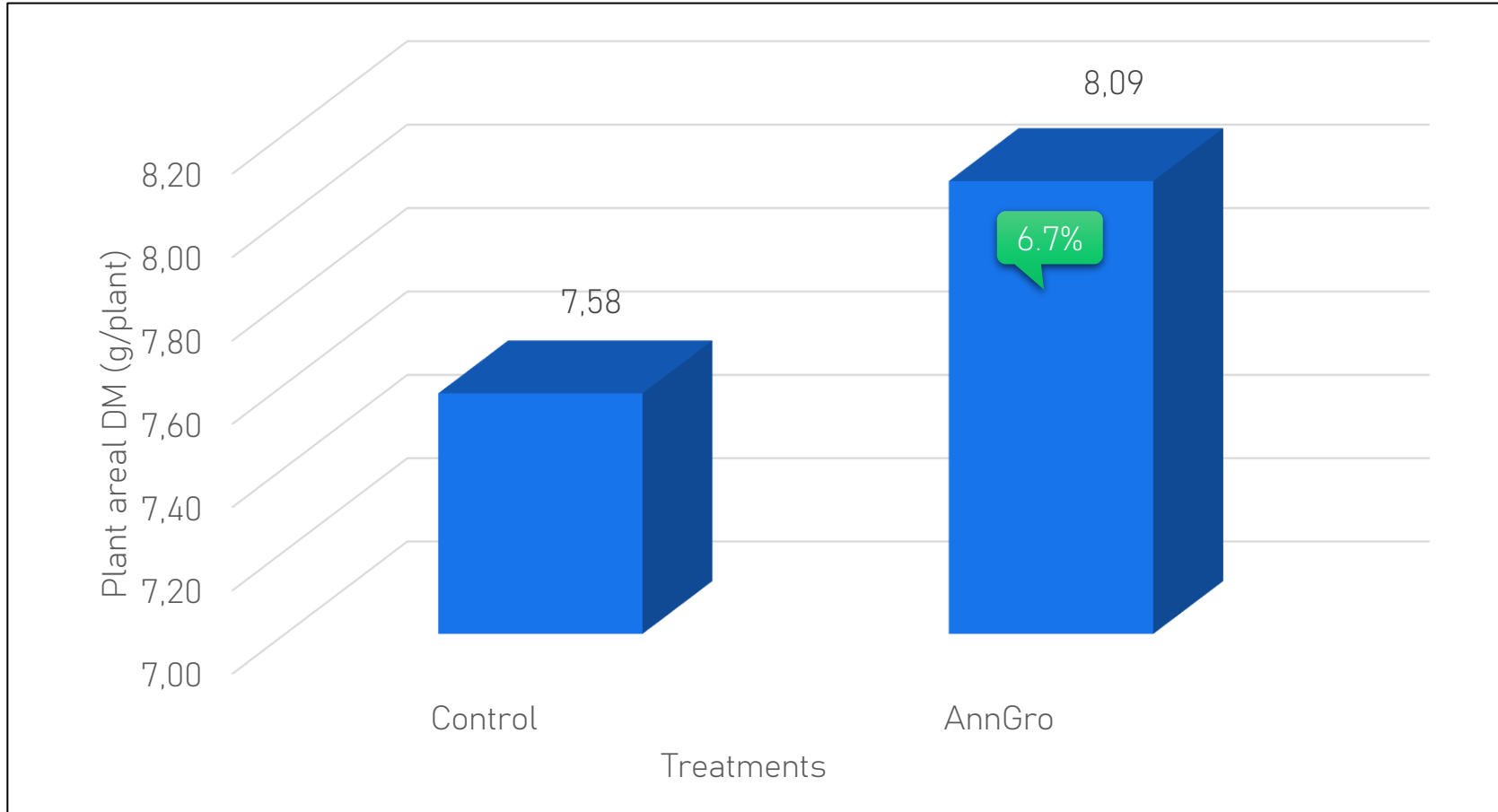
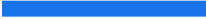


Figure 1 Plant areal DM of cabbage seedlings. P

= 0.03; $LSD_{(T;0.05)} = 0.39$



Treatment	Water (L/ha)	AnnGro (ml/ha)
1	200	
2	200	100

- Trial facilitator: BioPher (Pty) Ltd
- Area: Bloemfontein, Free State, RSA
- Specific conditions: Net house conditions under controlled drip irrigation
- Crop: Wheat
- Application method: Foliar application
- Growth stage at application: 3-5 leave fully unfolded

Trial 193

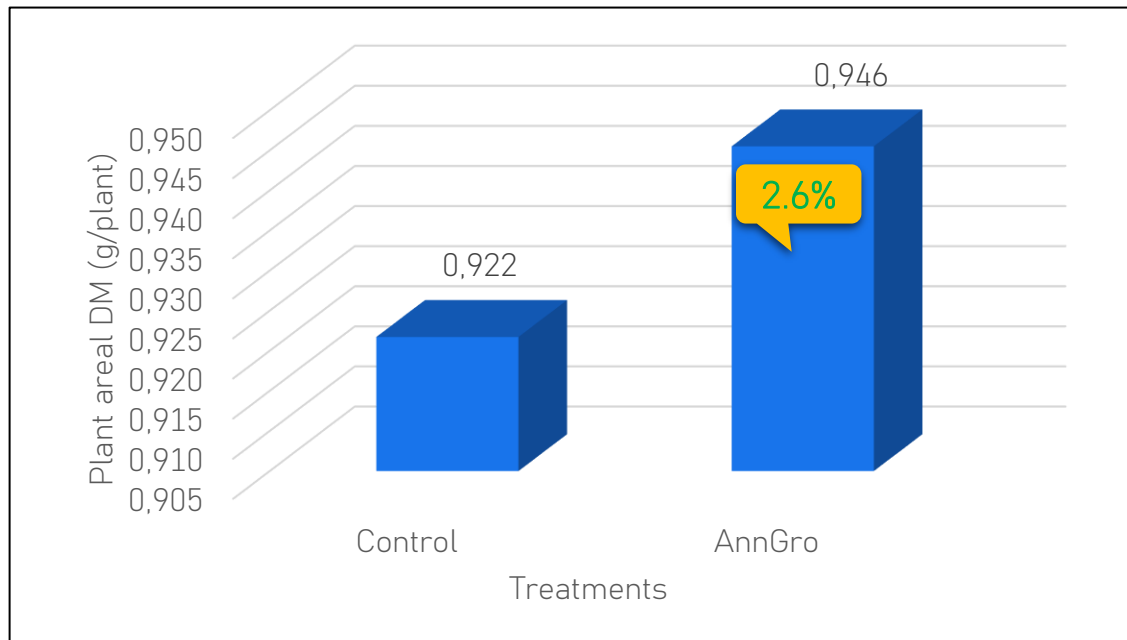


Figure 1 Plant areal DM of soybean seedlings. $P = 0,64$; $LSD_{(T;0.05)} = 0.112$

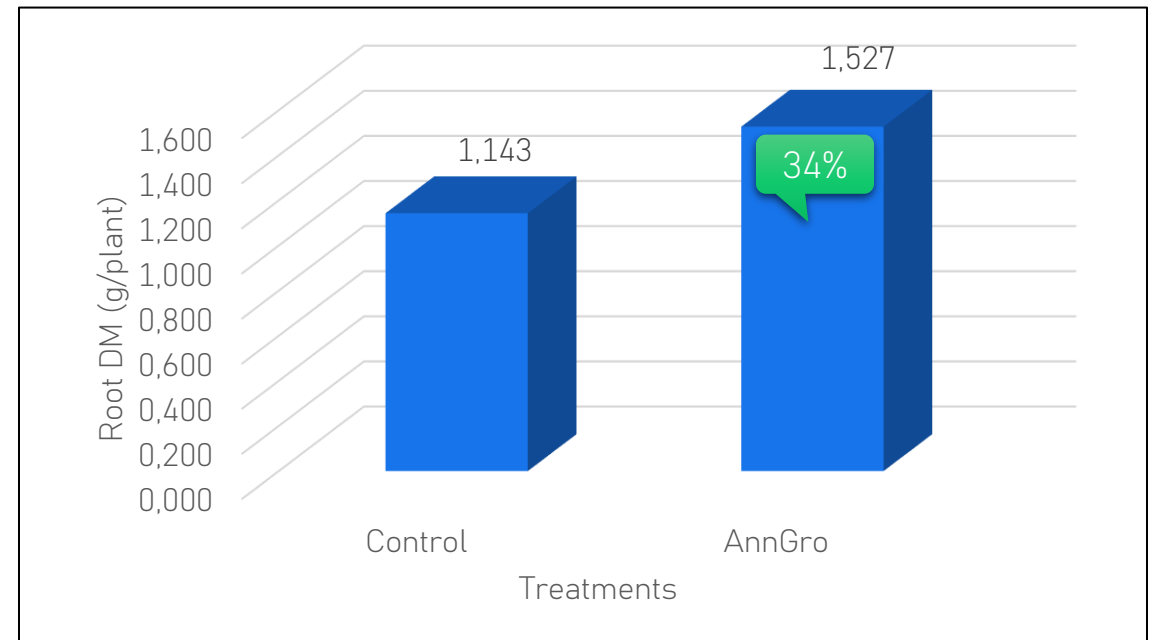
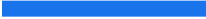


Figure 2 Root DM of soybean seedlings. $P = 0.04$; $LSD_{(T;0.05)} = 0.36$.



Treatment	Water (L/ha)	AnnGro (ml/ha)
1	200	
2	200	100

Trial 200

- Trial facilitator: BioPher(Pty) Ltd
- Area: Bloemfontein, Free State, South Africa.
- Specific conditions: Brinjal seedlings were planted in pots with a surface area of 0.0812 m² and a depth of 0.3 m. Pots will be filled with a Bainsvlei soil type and watered via a drip irrigation system.
- Crop: Brinjals
- Planting date: 10/11/2022
- Application date: 15/12/2022
- Harvesting date: 04/01/2022
- Plant density: 1 plant per pot
- Application method: Foliar
- Water volume per plot: 300 L/ha
- Growth stage at application: 3 – 5 leaves fully unfolded

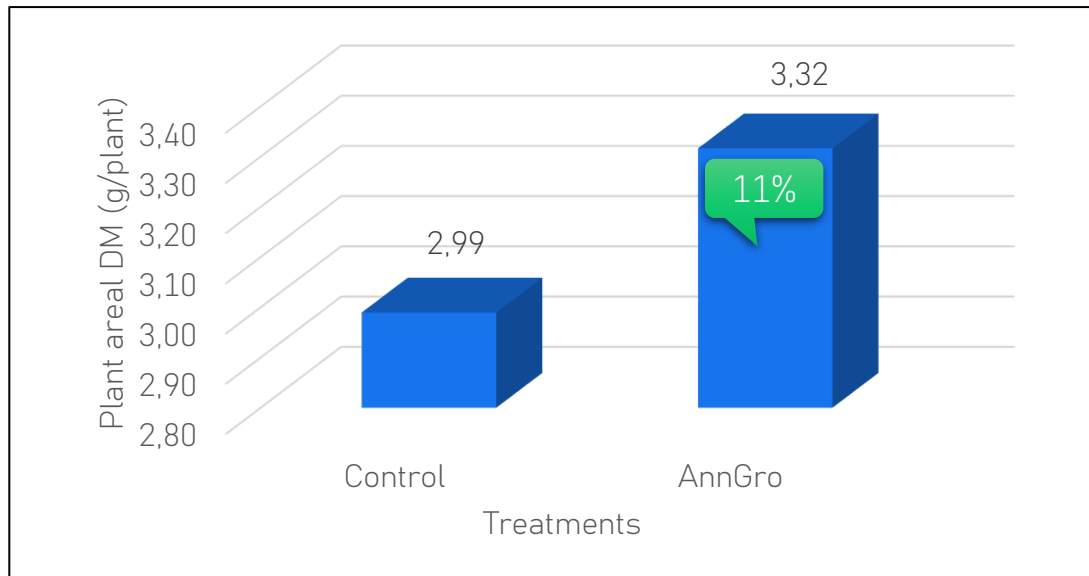


Figure 1 Plant areal DM of soybean seedlings. $P = 0.04$; $LSD_{(T;0.05)} = 0.31$

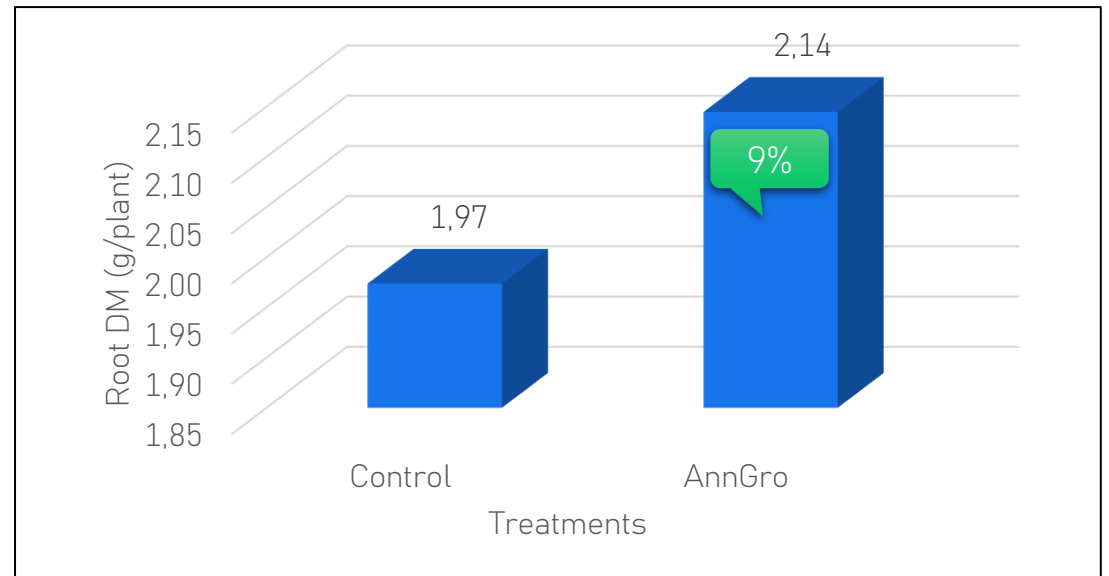


Figure 2 Root DM of soybean seedlings. $P = 0.09$; $LSD_{(T;0.05)} = 0.22$.