

Trial: **Tradecorp AZ Fresco on Lettuce**

Crop: Lettuce var. De Silva

Product: Tradecorp AZ Fresco

Location: Stanthorpe

Aim: Higher Yield & Quality

Rate: 1 kg /ha x2

Application: Tractor – Boom sprayer, 450 L /ha

Timing: 21 DAT & 28 DAT

Planting Date: 01 /02/2018 **Harvest Date:** 24/04/201

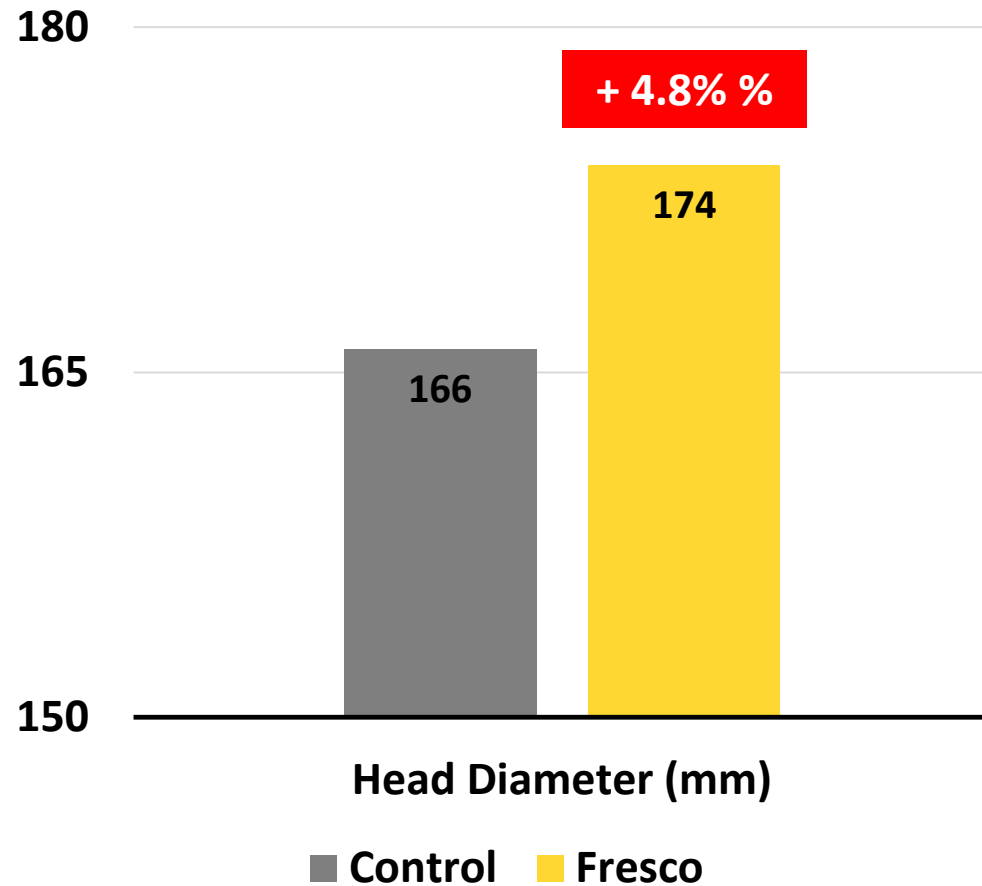
Assessment: More roots, head dimension

Design

- Tradecorp AZ Fresco Applied by trail behind boom spray
- Water rate 300 L /ha
- Bed spacing 1.5 M centres
- Light granite based soil, free draining
- Low salinity, low chlorides
- 40,000 plants /ha

Picture of planter

Results – Head Diameter (24/04/18)



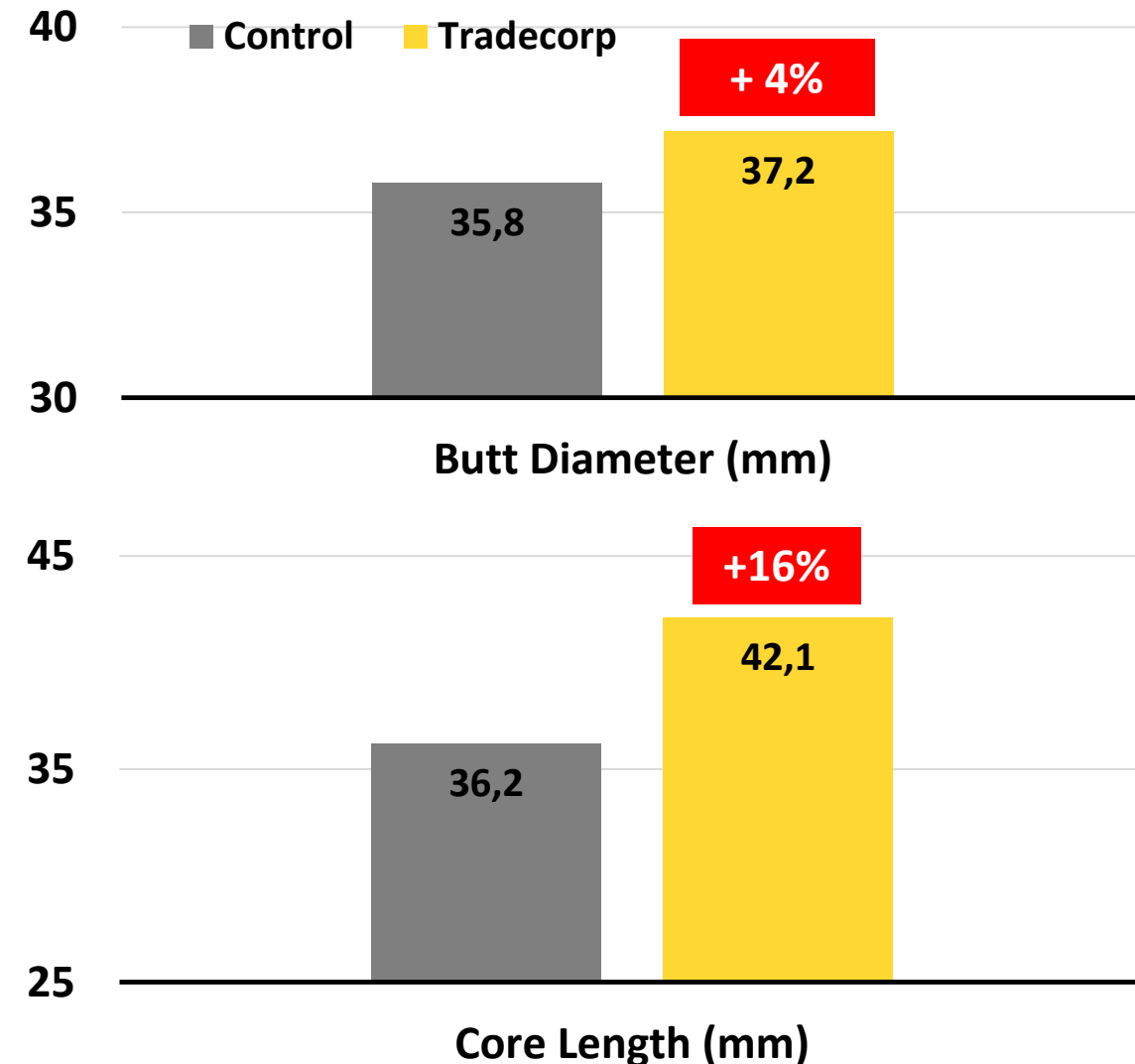
Control



Tradecorp
AZ Fresco



Results – Butt Diameter & Core Length (24/4/18, 0 harvest)



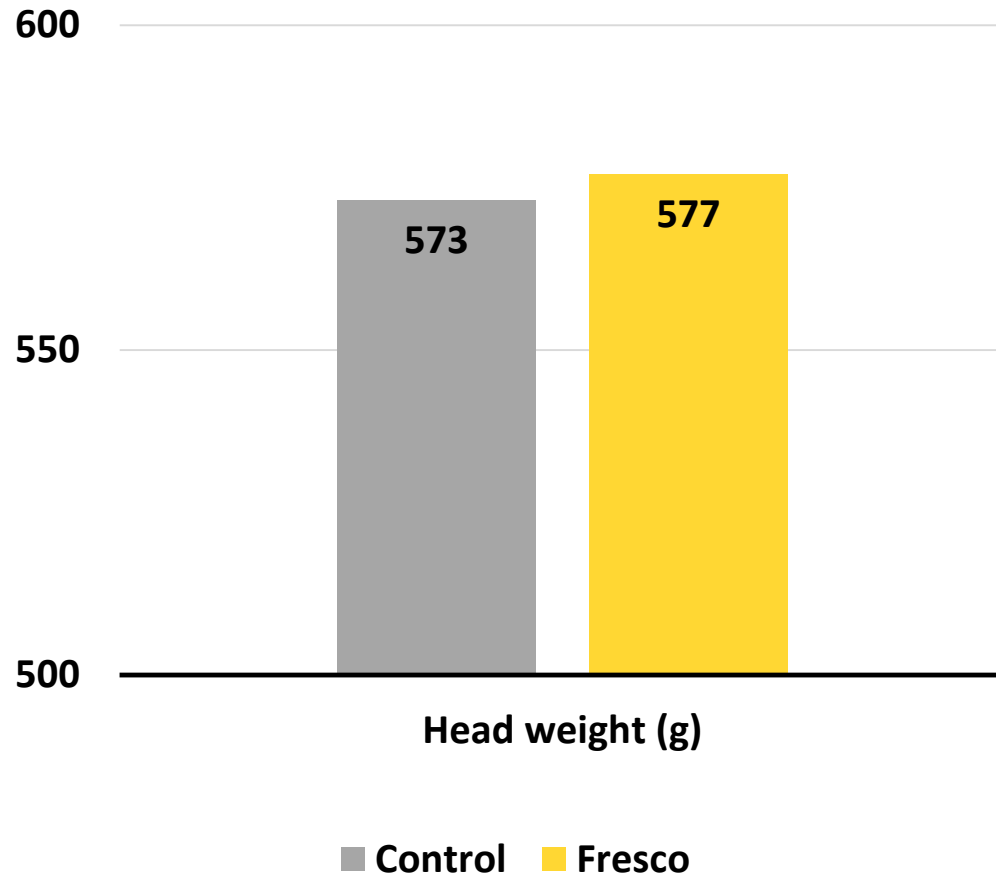
- Larger Butts are desired by the client
- Consumers associate a larger butt with a larger heavier head

Smaller cores are desirable:

Indicates:

- less likelihood of bolting
- less stressed plant
- 42 mm is still within consumer specifications

Results - Head Weight



- More **Heads** are above the **Minimum Weight** threshold set by the contract
- For **Box Lettuce** the increased Head Weight is not as important as lettuce are sold by the 12 head box
- For **Processed Heads** increased Head Weight contributes directly to bottom line

- The Control was Lignosulfonate based fertiliser
- The recommend rates for the Control was a combination of spray 2 – 5 L /ha each
- Tradecorp AZ Fresco achieved the same result with 2kg /ha
- This saves the grower mixing time, reduces OH&S risks in lifting 20L drums and also less drums and shuttles to dispose of

Conclusion

Tradecorp Fresco 2 kg /ha by Foliar after planting

- Equivalent Yield for less volume of inputs
- Increased Head Diameter (+4.8%)
- Increased Butt Diameter (+4%)

