

Trial: Delfan Plus, Tradebor & Amifol K on Cherries

Crop:	Cherries var. Lapins
Product:	Delfan Plus, Tradebor & Amifol K
Location:	Adelaide Hills, South Australia
Aim:	Increase Fruit Set Yield Potential (Trial abandoned due to hail)
Application:	Boom spray, 1000 L /ha
Rate:	See next side for protocol
Orchard Age:	20 years
Harvest date:	Harvest abandoned due to hail
Assessment:	Set Fruit
Notes:	Drip Irrigation

Set-up & Application

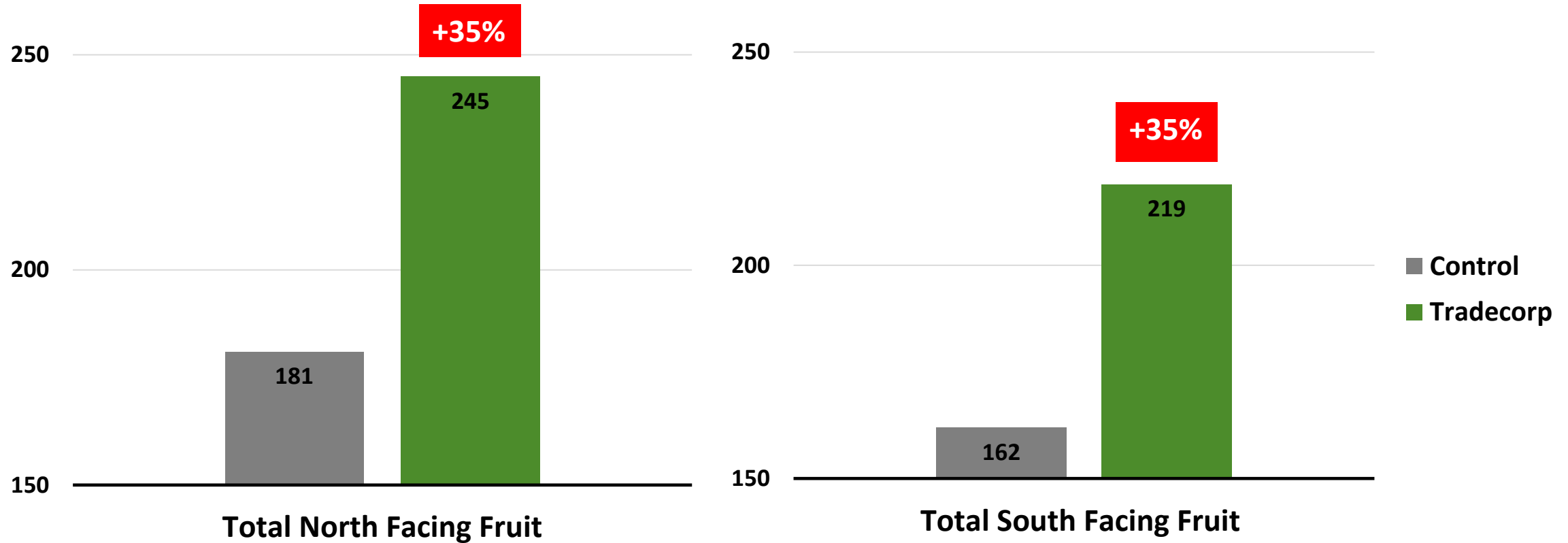
Product	Rate (L /ha)	Growth Stage	Approximate Dates
Delfan Plus	3	1 st flowering	25 th September
Tradebor	2	Petal fall 10 th (October)	10 th October
Delfan Plus	3	14 days after Tradebor	24 th October
Amifol K	3	Every 14 days after early fruit set	Various

- 1 ha was treated with above protocol and 1 ha control (standard practice)
- Results were taken by counting a 1m cross sections of the tress (from head to waist)
- 4 rows out of 12 rows were counted. Then 5 tress per row were counted (N = 20)
- The trial was hit by a heavy hail storm 7 days before fruit set assessment
- Decision was taken not to monitor the trial through to the end

Flowering (date)

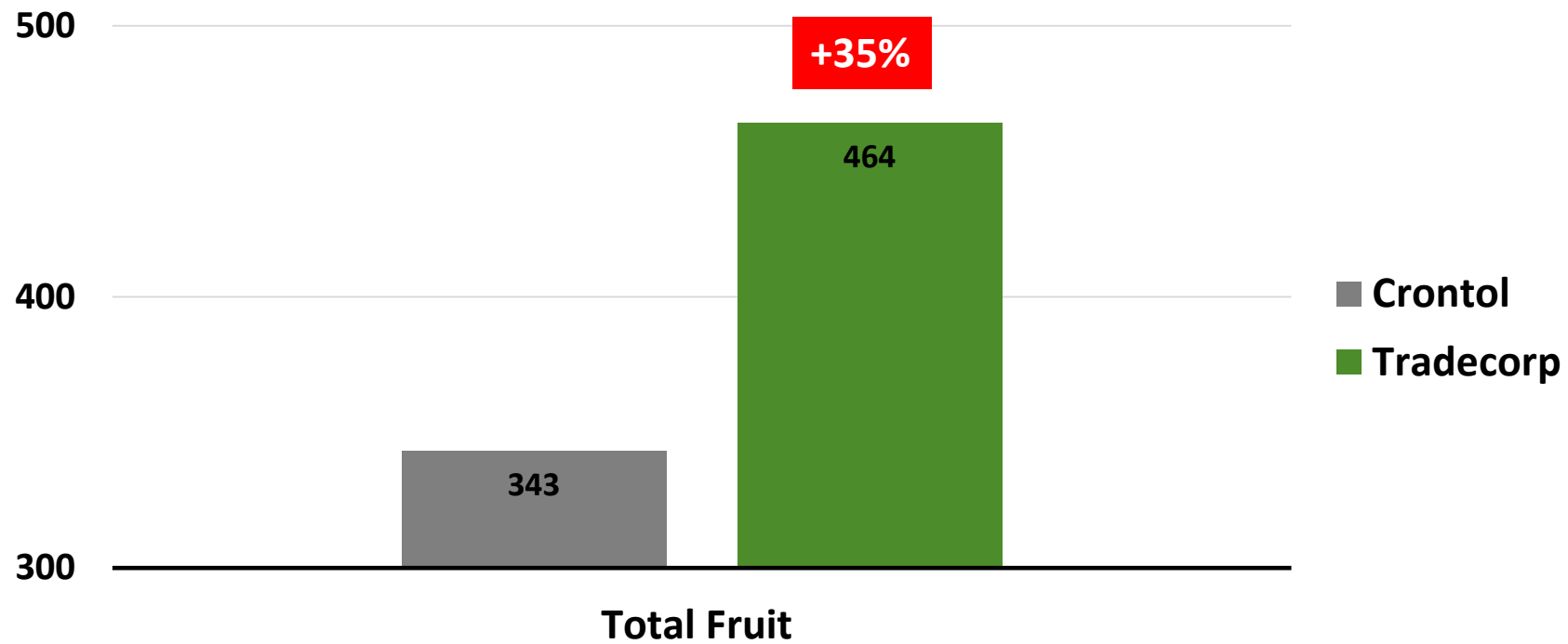


Results: Fruit Set (31/10/2017)



- The Tradecorp Package increased Fruit Set by 35% on both the sun and shaded side
- (North facing is the midday sun side in Australia and is expected to set more fruit)

Results: Total Fruit Set



- The Tradecorp Package increased Fruit Set by 35% on average

Hail Damage Led to Trial Abandonment



Hail Damage
– up to 100% on
some trees



Conclusion

- The combination of Delfan Plus, Tradebor & Amifol K increased Total Fruit set by 35%
- The trial received heavy hail damage and was not monitored through to the end

