

# Dryland Sunflower

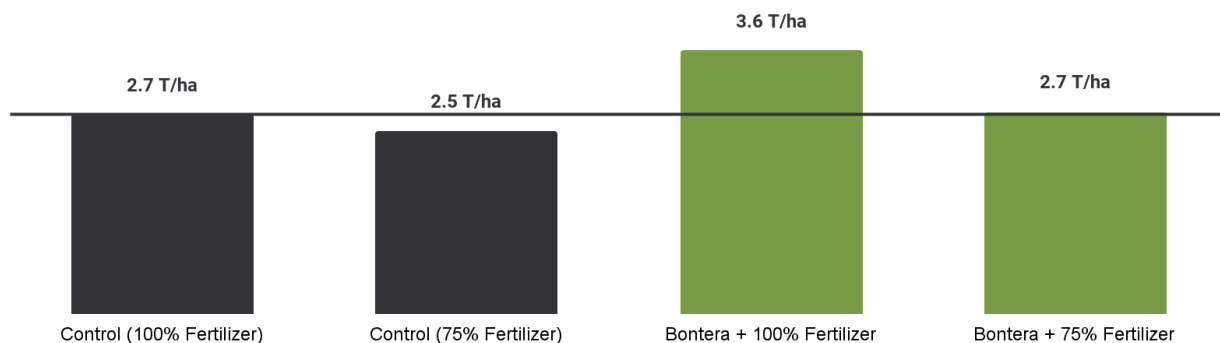
## Trial Objective

To test the effects of Bontera<sup>®</sup> Impact on the yield on sunflower as a replacement for conventional fertilizers.

## Trial Information

<b>Trial Location</b>	Bontera Experimental Farm, South Africa - Prof. Azam ( <i>Pr.Sci.Nat</i> )		
<b>Crop Variety</b>	<i>Helianthus annuus</i> AGSUN 8251	<b>Statistical Layout</b>	RCBD
<b>Growing Period</b>	Dec 2017 - Apr 2018	<b>Replicates</b>	4
<b>Total Trial Area</b>	420 m <sup>2</sup>	<b>Application Method</b>	In-Furrow & Foliar

Bontera<sup>®</sup> Impact was applied at a rate of **100g/ha** in-furrow at planting and **50g/ha** at flowering.



## Conclusion

- Bontera<sup>®</sup> Impact replaced 25% of the growers' standard fertilizer and maintained the same yields.
- Without reducing fertilizer Bontera<sup>®</sup> Impact resulted in a 33% increase in yield.

# Sunflower

## Trial Objective

To test the effects of Bontera<sup>®</sup> Impact on the yield of sunflower

## Trial Information

<b>Trial Location</b>	Greenza Turkey Tarim - District: Lüleburgaz / Kırklareli ( <i>Abdulla Er</i> )		
<b>Crop Variety</b>	<i>Helianthus annuus</i>	<b>Replicates</b>	2
<b>Growing Period</b>	May 2016 - Oct 2016	<b>Application Method</b>	Seed Coating & Foliar Sprays
<b>Total Trial Area</b>	150 Decares		

Bontera<sup>®</sup> Impact was applied as a seed coating at a rate of **1g per kg seed**. Four weeks after germination a foliar spray application was done at a rate of **10g/100L water**.

(Fertilizers used: 270 kg/ha 23-12-9+Zn, 150 kg/ha Ammonium Sulfate)

## Results



## Conclusion

- Bontera<sup>®</sup> Impact resulted in a 4% increase in yield.
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# Irrigated Sunflower

## Trial Objective

To test the effects of Bontera<sup>®</sup> Impact on the yield of sunflower.

## Trial Information

<b>Trial Location</b>	Bontera Experimental Farm, South Africa - Johan Gerber ( <i>Pr.Sci.Nat</i> )		
<b>Crop Variety</b>	<i>Helianthus annuus</i> Agsun 8251	<b>Statistical Layout</b>	RCBD
<b>Growing Period</b>	Nov 2015 - Mar 2016	<b>Replicates</b>	4
<b>Total Trial Area</b>	90 m <sup>2</sup>	<b>Application Method</b>	In-Furrow & Foliar

Bontera<sup>®</sup> Impact was applied at a rate of **100g/ha** in-furrow at planting. Three follow-up applications were made at 4, 8 and 12 weeks after planting each at a rate of **25g/ha**.

## Results



## Conclusion

- Bontera<sup>®</sup> Impact resulted in a 13% increase in yield.