

# DIRT M.D.™ TRIAL REPORT: SHORT DAY ONIONS



## INTRODUCTION

Dirt M.D. is an activated, liquid 4.5% humic product that increases micronutrient uptake – boosting plant vigor. Currently, Ocean Agro LLC is conducting large-scale field trials in a variety of crops in California and Arizona. This report details the 2 year field trial on Short Day Onions conducted with Gary Mayfield of Sunbelt Transplants in Buckeye, AZ.

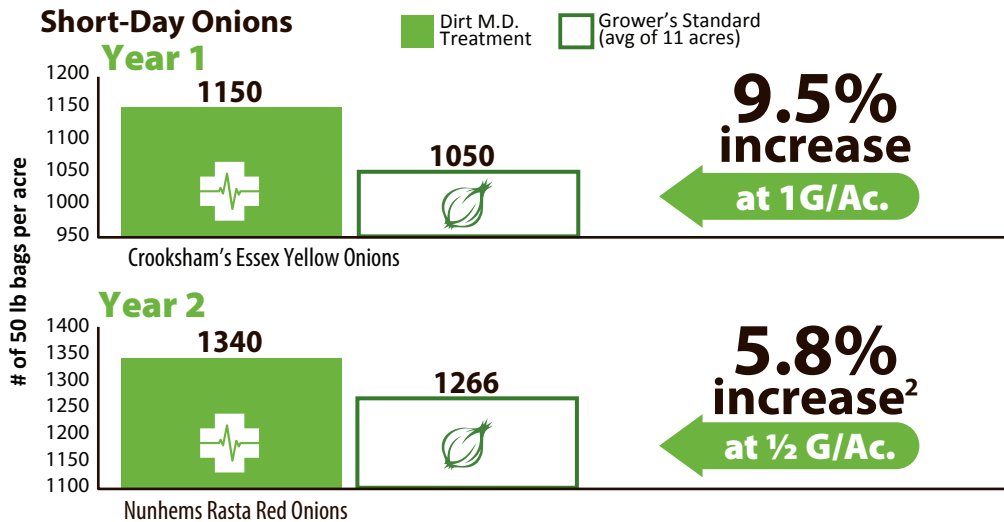
## METHODS

A field trial was conducted on short day onions<sup>1</sup> to compare impact of Dirt M.D. addition to a conventional fertilizer program. The farmer applied Dirt M.D. as a foliar spray starting at 2 true leaves. Regimen is highlighted below:

**Dirt M.D. was diluted into 40 gallons of water before spraying.**

Application	Growth Stages	Year 1	Year 2
1	1-2 true leaves (30-50 days p.s.)	1 qt	0.25 qt
2	3 true leaves (50-70 days p.s.)	1 qt	0.5 qt
3	7 true leaves (70-90 days p.s.)	1 qt	0.5 qt
4	10 true leaves (90-100 days p.s.)	1 qt	0.5 qt
<b>Total Dirt M.D. applied per acre</b>		<b>1 gallon</b>	<b>~½ gallon</b>

**At ~200 days, the onions were harvested and the testament acre was graded and measured separately from the untreated 11 acres.**



**Dirt M.D. led to consistent increase in yield for a 2 year trial with an increase of nearly 6% in year 2 even with dosage reduced by ½!**

## CONCLUSION

Treatment of Dirt M.D. led to an overall increase in bulb size, in addition to a consistent increase in yield (10% and 6% increase for year 1 and 2, respectively).

In year 2, the dose of Dirt M.D. **was reduced by ½ but it still helped increase the yield by nearly 6%!**

After using Dirt M.D. for the past few seasons, Gary Mayfield (farmer) has observed:

**“We have consistently seen an increase in the size profile of our onions with the use of Dirt M.D. which has also helped improve the overall yield.”**

## REQUEST YOUR EVALUATIVE TRIAL:

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**1-888-203-8468**

<sup>1</sup>Year 1: Crooksham's Essex; Year 2: Nunhems Rasta Red

<sup>2</sup>Year 2: Plots suffered from a major windstorm 20 days before harvest leading to premature laying of onions impacting size and yield (note from farmer).