

# CORN TRANQUILITY CA.

Report by: Ron Bell

This trial was supposed to apply 32 oz per acre, but only used 16 oz per acre. I feel that the results would have been much larger weight difference.

This is an observation I found during a corn trial in Tranquility California, I found additional ear size and O.D. Larger roots and stock O.D. just above the root area was larger.

Trial by Simplot 5 Points

This trial is to see if BAM-FX can add value to feed corn, the goal is to add total weight to each stock of corn and develop larger ears.

Application rate was 32oz per acre by using foliar application method, in Iowa I have found that a single application of BAM-FX to corn works very well. "But this trial was at 16 oz per acre".

This test is to get the total weight of the 5 plants including the ears.

1. Control #1	2lb 0.0 oz	Bam#1	3lb 00.0 oz
2. Control #2	2lb 12.1oz	Bam#2	2lb 12.0oz
3. Control #3	1lb 11.2oz	Bam #3	2lb 3.0oz
4. Control #4	1lb 7.0oz	Bam #4	1lb 6.2oz
5. Control #5	1lb 1.0oz	Bam #5	1lb 7.5oz
Total	8lb 9oz	Total	10lb 5oz
Divide by 5	1lb 7oz		2lb 1oz

This extra weight should get the grower about 1.200lbs per acre.

I was also interested in the total weight of the 5 ears.

1. Control #1	3.6oz	Bam #1	2.8oz
2. Control #2	3.5oz	Bam #2	4.1oz
3. Control #3	3.2oz	Bam #3	4.5oz
4. Control #4	2.9oz	Bam #4	3.2oz
5. Control #5	1.9oz	Bam #5	2.4oz
Total	15.1oz	Total	16.8oz
Divide by 5	3.02oz		3.36oz

The ears looked like they are filled and growing well.



I also wanted to check the size of the sample stocks.

- 1. Bam #1 .995/.878
- 2. Bam #2 .900/.800
- 3. Bam #3 .925/.850
- 4. Bam #4 .925/.815
- 5. Bam #5 .900/.750

- Control #1 .875/.750
- Control #2 .920/.870
- Control #3 .995/.870
- Control #4 .890/.890
- Control #5 .950/.875

As you can see the trial was at mid growth, the grower was supposed to give us the final tonnage after harvest. Corn I feel is a crop that likes BAM-FX due to three trials I have been involved, two in Iowa and one in California.



This is just a mid growth trial.



Regards,

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