

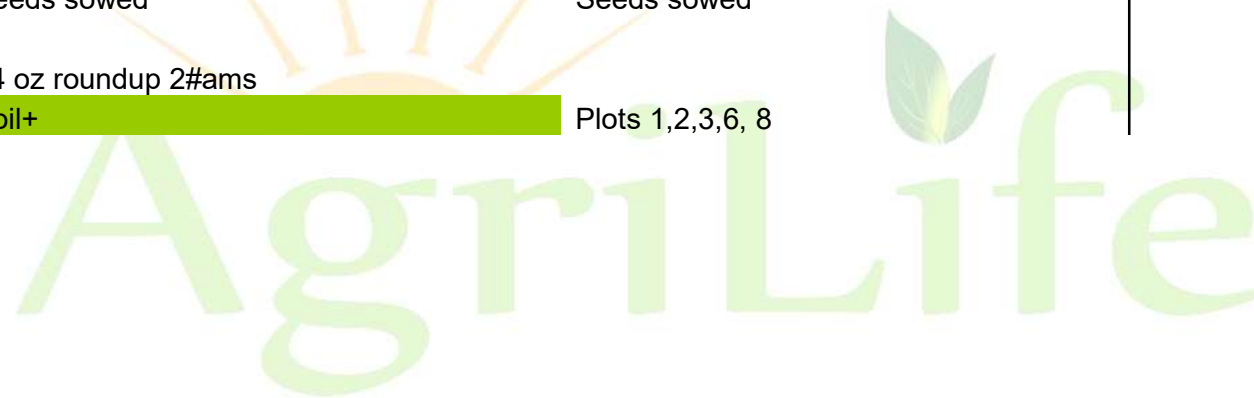


2016

Corn Trial

Seed : Dekalb 5262 (Roundup ready GMO)
 Crop : Corn2

Date	Treated	Control
5/22/2015	Forced 3G herbicide sprayed.	Forced 3G herbicide sprayed.
	1. 200 lbs / acre Potash – 00:60	1. 200 lbs / acre Potash – 00:60
5/22/2015	2. Nitrogen except plot 1	2. Nitrogen
5/23/2015	Applied BioMiracle Seed+	1,2,3,4,5
5/24/2015	Seeds sowed	Seeds sowed
06/18/2016	24 oz roundup 2#ams	
06/18/2016	Soil+	Plots 1,2,3,6, 8



Week 2 – After sowing

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06/02/2016

	1	2	3	4	5	6	7	8	9	10
Number of leaves	3	3	3	3	3	3	3	3	2	2
Length of leaves	3	2.5	2.5	2.75	2.75	2.75	2.75	2.72	2	2
Color of leaves	Light Green									
Length of roots	4	4	5	5	4	3	4.5	4	4	4
Width of leaves	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4
Diameter of stem	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5





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Week 3

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06/09/2016

	1	2	3	4	5	6	7	8	9	10
Number of leaves	5	4	4	4	4	4	3	4	4	4
Length of leaves	7	6	6	6	6	5	6	6	6	7
Color of leaves	Light Green									
Length of roots	11	5	6	6	6	7	5	5	5	6
Width of leaves	1.5	1	1	1	1	.75	1	1	1	1
Diameter of stem	1	.75	.75	.75	.75	.6	.6	.6	.75	.75

Notes:

- Fungal infections noted on plants in plots 6 and 7
- Spots on leaves note on plant in plot 9





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Week 5

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06/17/2017

	1	2	3	4	5	6	7	8	9	10
Number of leaves	7	7	7	7	7	6	6	6	7	6
Length of leaves	15	15	12	13.5	11	12	13	12	14	12
Color of leaves	Light Green									
Length of roots	Plots 1,2,3,4,5 have plants with more fibrous roots									
Width of leaves	2	2	1.75	2	1.75	1.75	2	1.25	1.5	1.75
Diameter of stem	1.5	1.5	1.25	1.5	1.25	1.25	1.25	1	1.25	1.25

Notes:

- Fungal infections noted on plants in plots 6 and 7



Week 7

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06/29/2016

	1	2	3	4	5	6	7	8	9	10
Number of leaves	8	8	8	8	8	8	7	7	8	7
Length of leaves	32	28	27	30	31	30	26	26	27	30
Color of leaves	Light Green									
Length of plant	47	40	44	43	43	44	35	41	36	41
Width of leaves	4	3.5	3.5	4	4	4	3	3.5	3.5	3.5
Diameter of stem	2.9	2.75	3	2.75	2.75	3	2.5	2.5	2.75	2.6

Notes:

- Fungal infections noted on plants in plots 6 and 7





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Week 9

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07/11/2016

	1	2	3	4	5	6	7	8	9	10
Number of leaves	12	12	12	12	12	11	10	11	9	11
Length of leaves	32	36	37	36	35	36	36	37	34	37
Color of leaves	Green									
length of plant	63	72	69	68	65	73	66	71	63	68
Width of leaves	4.25	4.5	4.5	4	4.75	4	3.5	4.5	4.25	4.5
Diameter of stem	3.75	4.25	4	4	4	3.5	3.75	4	4	3.75

Notes:

- Plot 1 has light green color leaves.





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Week 11

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07/27/2016

		1	2	3	4	5	6	7	8	9	10
Number of leaves		15	15	15	15	15	15	15	15	15	15
Length of leaves		35	35	37	35	35	36	36	35	36	35
length of plant		88	98	99	97	106	113	96	94	92	89
Width of leaves		4.75	4.5	4.75	4.5	5	4.5	4	4.5	3.75	4
Diameter of stem		3.5	3.5	3.75	4	4	3.5	3.5	3.5	3	3
Number of cobs		2	2	2	2	2	2	2	2	2	2
Length of cobs	Cob 1	6	5.5	5	5.5	6	5	4.5	6	3.5	4
	Cob 2	5	4	4.5	5.5	6	4	3.5	4.5	3	3.5
Diameter of cobs	Cob 1	2.75	2.75	2.25	2.5	3	2	2	3	1	2.25
	Cob 2	2.5	2	2	2.25	2.5	1.5	1.5	2	1.75	2



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Week 13

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08/07/2016

		1	2	3	4	5	6	7	8	9	10
Number of leaves		15	15	15	15	15	15	14	15	15	15
Length of leaves		32	36	36	35	36	35	34	36	31	30
length of plant		92	100	99	95	104	106	100	96	91	95
Width of leaves		4.25	4.5	4.5	4.5	4.5	4.25	3.5	4.5	3.75	3.5
Diameter of stem		3	3.25	3.25	3.5	3.25	3	3	3	3	2.75
Number of cobs		2	2	2	2	2	2	2	2	2	2
Length of cobs	Cob 1	7	8.5	8.5	8.25	8.5	9	8.5	8.5	8	8.5
	Cob 2	6.5	6.5	7	6.5	7.5	5	3.5	6.5	4.5	4.5
Diameter of cobs	Cob 1	4.25	5	4.75	4.75	4.75	4.25	4.25	5	4.25	5
	Cob 2	4.25	4	4	3.5	4	2	1	3.5	2.25	2.5



Life



Week 15

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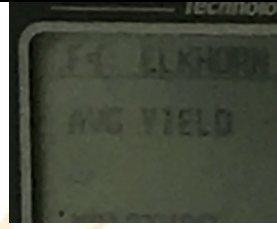


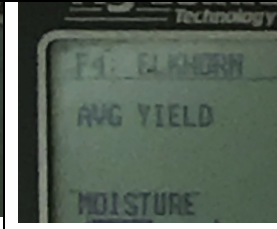
08/27/2016

		1	2	3	4	5	6	7	8	9	10
Number of cobs		2	2	2	2	2	2	2	2	2	2
Length of cobs	Cob 1	9	9	8.5	9	9.5	9.5	8	9	9	8.5
	Cob 2	0	0	0	0	0	0	0	0	0	0
Diameter of cobs	Cob 1	6	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6	6.25
	Cob 2	0	0	0	0	0	0	0	0	0	0



Life

Harvest – Yield

	1	2	5	7	8	Average
Yield in bushels / acre	134.1	172.8	171.9	159.7	168.9	159.9
	1. 200 lbs / ac Potash 2. No Nitrogen 3. BioMntra Seed + 4. BioMantra Soil +	1. 200 lbs / ac Potash 2. Nitrogen 3. BioMntra Seed + 4. BioMantra Soil +	1. 200 lbs / ac Potash 2. Nitrogen 3. BioMntra Seed +	1. 200 lbs / ac Potash 2. Nitrogen	1. 200 lbs / ac Potash 2. Nitrogen 3. BioMantra Soil +	1. 200 lbs / ac Potash 2. Nitrogen
						

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