

2012 Nutritional Analysis¹ Comparison of GMO Corn versus Non-GMO Corn

	GMO Corn ²	Non-GMO Corn ³
Available Energy (ERGS) ⁴	100	340,000
% Brix ⁵	1	20
% Organic Matter	1.2	2.1
Phosphate ppm	3	44
Potassium ppm	7	113
Calcium ppm	14	6130
Magnesium ppm	2	113
Sodium ppm	5	0.2
pH	7.5	7.01
Cation Exchange Capacity	3	44
Base Saturation		
% K	0.7	9.2
% Mg	0.2	9.2
% Ca	5	62
% H	0	0
% Na	6.2	0.3
NO ₃ ppm	2	4
NH ₄ ppm	5	42
Sulfur ppm	3	42
Manganese ppm	2	14
Iron (Fe) ppm	2	14.3
Zinc ppm	2.3	14.3
Copper ppm	2.6	16
Cobalt ppm	0.2	1.5
Molybdenum ppm	0.2	1.5
Boron ppm	0.2	1.5
Selenium ppm	0.6	0.3
Carbon ppm	2	60
Chloride ppm	10	1
Anaerobic biology ppm	60	0
Chemical content ppm	60	0
Chlorides content ppm	60	0
Formaldehyde content ppm	200	0
Glyphosate content ppm	13	0
Positive Traits		
Aerobic biology %	1	100
Test Weight (lbs/bu)	57 – 58 lbs	61 – 62 lbs

¹ Field comparison of GMO vs. non-GMO next to each other.

² GMO/Roundup Ready for ten year.

³ No Roundup Ready on the crop/soil for five years.

⁴ ERGS equals energy giving off per gram per second.

⁵ Brix is a quality measurement. The higher the number the more nutrition, energy and protein in the feed sample.

Comparison of GMO Corn versus Non-GMO Corn

GMO – Non-Food Grade

- Higher disease problems
- Higher medical costs
- Reduced productions / gains
- Loss of profits
- Higher death losses
- Increased feed consumption
- Lower conversion
- Lower quality manure
- Mineral deficient foods
- Higher costs / lower profits

Food Grade – Mineral Dense

- Less disease
- Lower medical costs
- Higher productions / gains
- Higher profits
- Lower death losses
- Reduced feed consumption
- Higher conversion
- Higher quality manure
- Mineral dense meats and grains
- Lower costs / higher profits

Test Weights: Corn 200 bu/acre

58 – 59 lbs/bu increase revenues approx. \$100.00 acres

61 – 62 lbs/bu increase revenues approx. \$140.00 acres

Food Grade Bonus 200 bu/acre

\$ 0.70 per bushel

 x 200 bushels per acre

\$140.00 per acre

Extra \$240.00 to \$280.00 per acre



For more information call: 1-888-875-2425
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