

AGRICULTURE

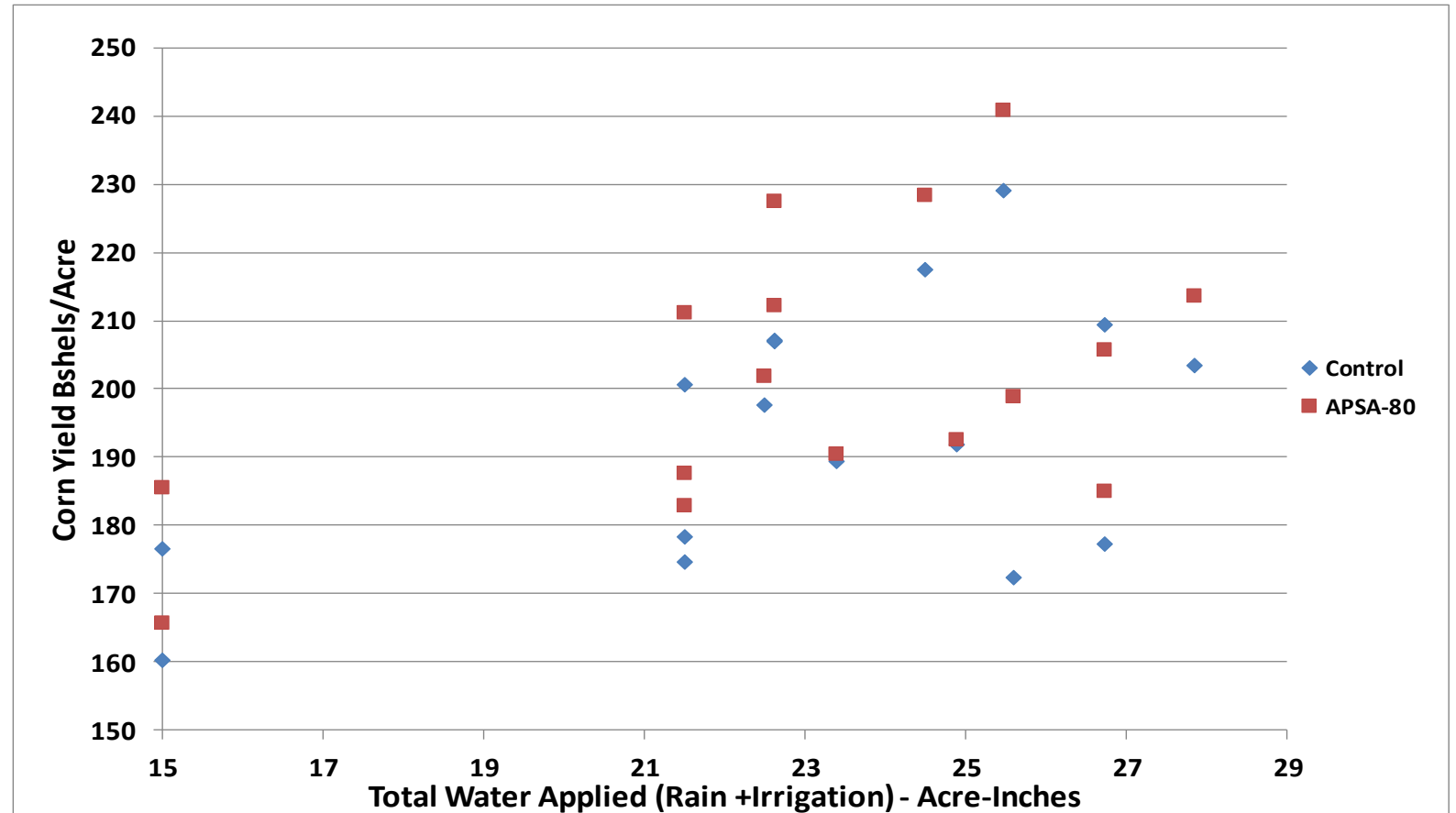
- APSA-80 Nutriplant SD, SL & AG
- Field Test Program 2015

APSA-80

Exclusively from **Amway**

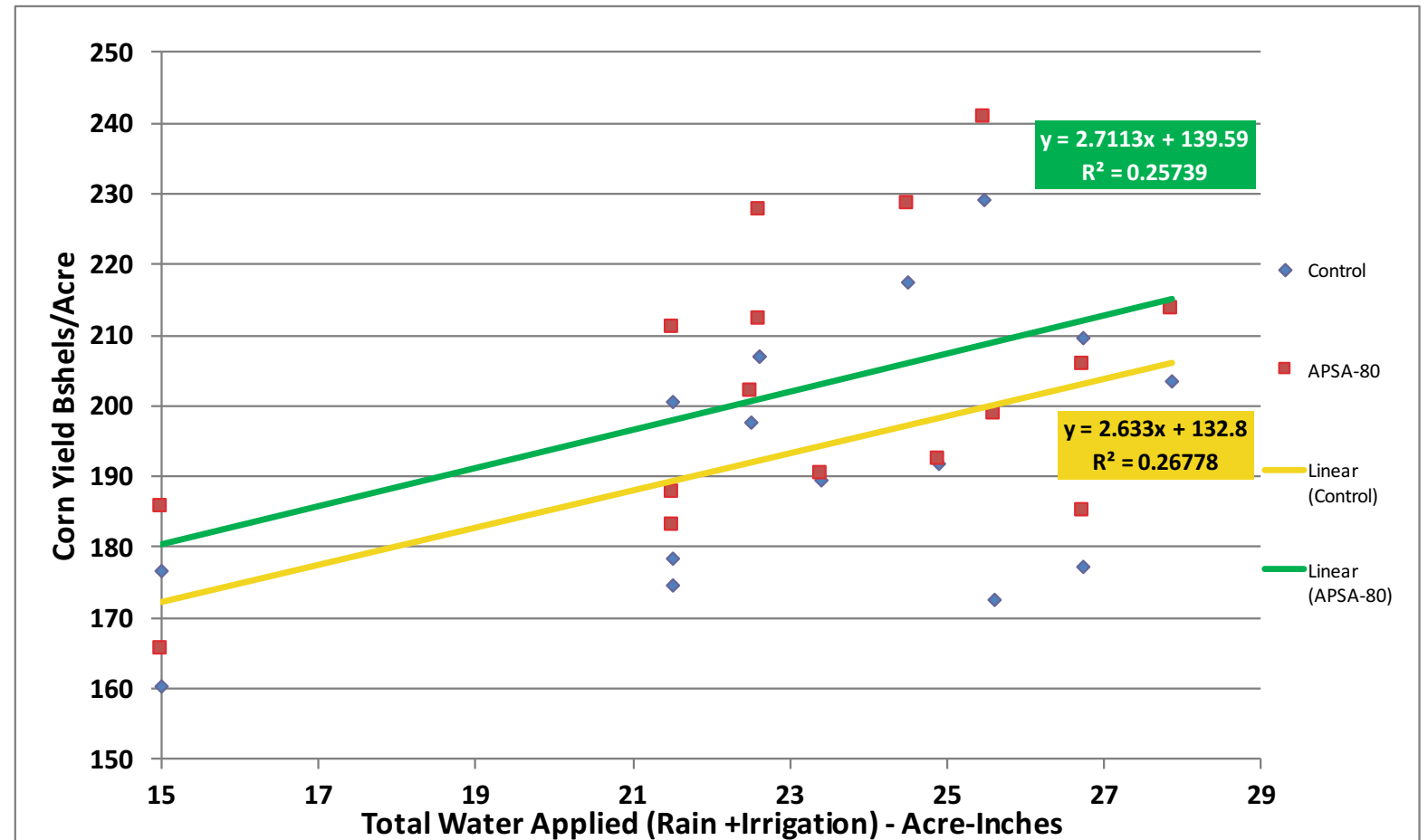
YIELD DATA IN CORN (2011-2014) APSA-80 @ 15 oz/Acre)

Varying Irrigation Amount, Population and
Fertilizer Rate Irrigation Research Foundation,
Yuma, Colorado



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Varying Irrigation Amount, Population and
Fertilizer Rate Irrigation Research Foundation,
Yuma, Colorado



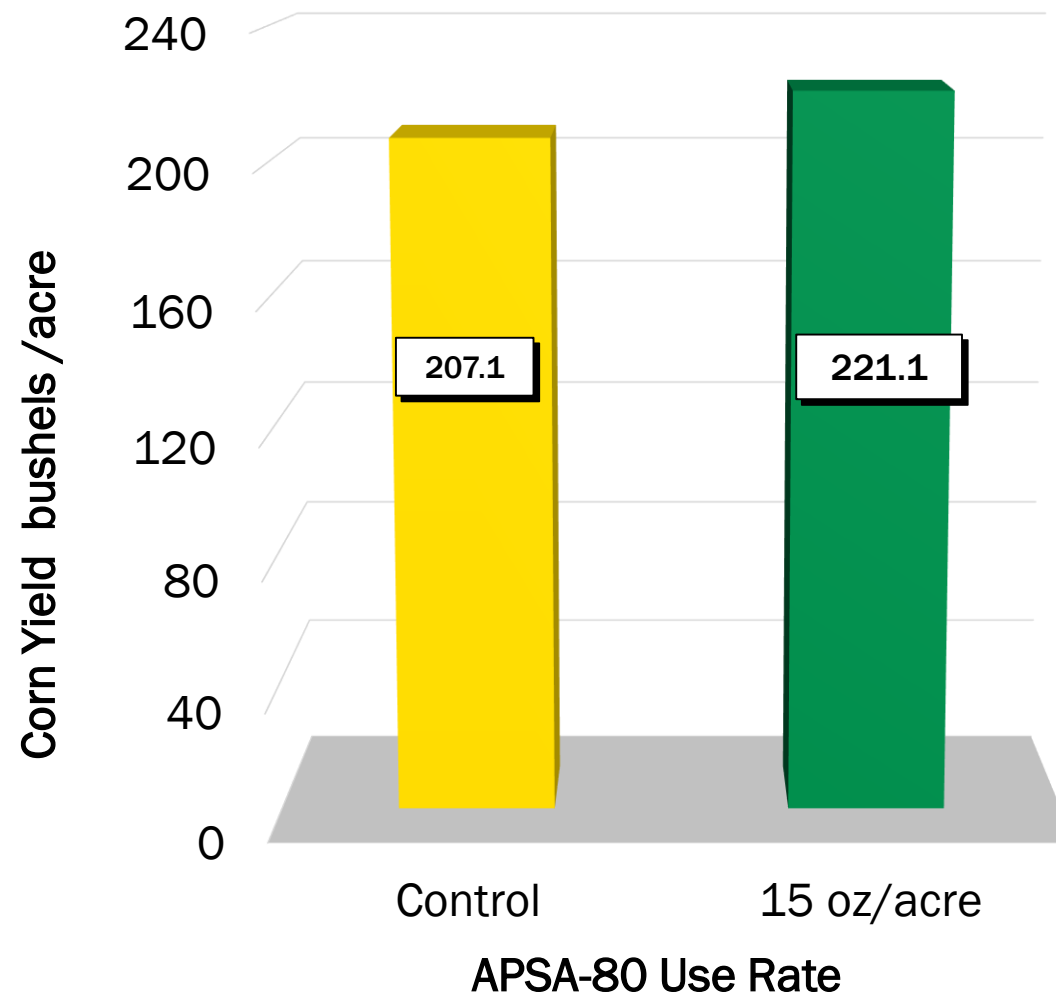
EFFECT OF APSA-80® ADJUVANT On Integrated Corn Yield in Compact Soil - 2015 - Strip Tillage

Irrigation Research Foundation, Yuma, Colorado

14.0 bu/acre Increase

Variety: Golden Harvest

G07B39-3111A



YIELD DATA IN CORN (2011-2014)

- APSA-80 @ 15 oz/Acre

Varying Irrigation Amount, Population and Fertilizer Rate
Irrigation Research Foundation, Yuma, Colorado

$$Y = 2.71x + 139.6$$

$$\text{Bushels} = 2.71(\text{Water}) + 139.6$$

$$(\text{Bushels} - 139.6)/2.71 = \text{Water}$$

Yield	Control	APSA-80	Water Savings
175 bu	15.4	12.1	3.3 in
200 bu	26.0	22.4	3.6 in
225 bu	36.5	32.7	3.8 in

**Acre Inches of Water Required to Get
The Same Yield - Control vs APSA-80**

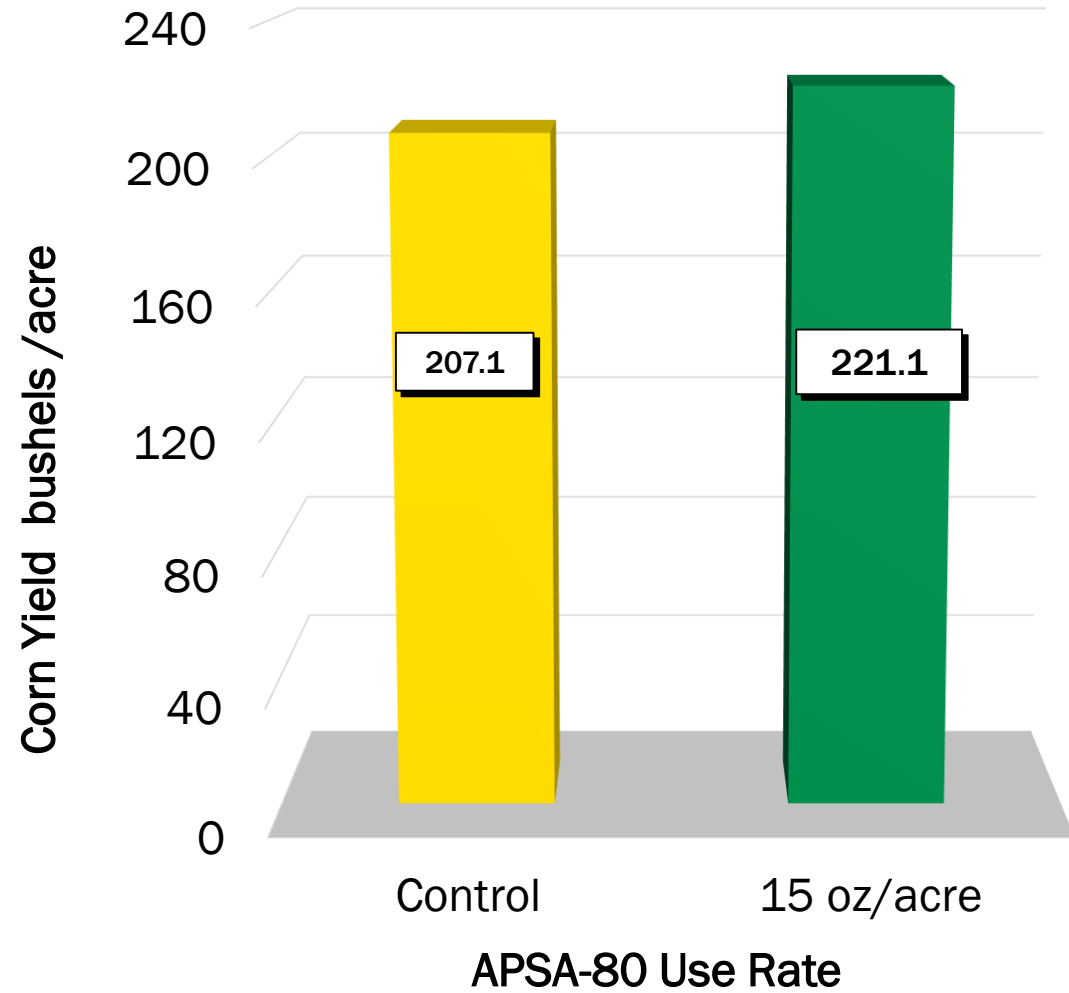
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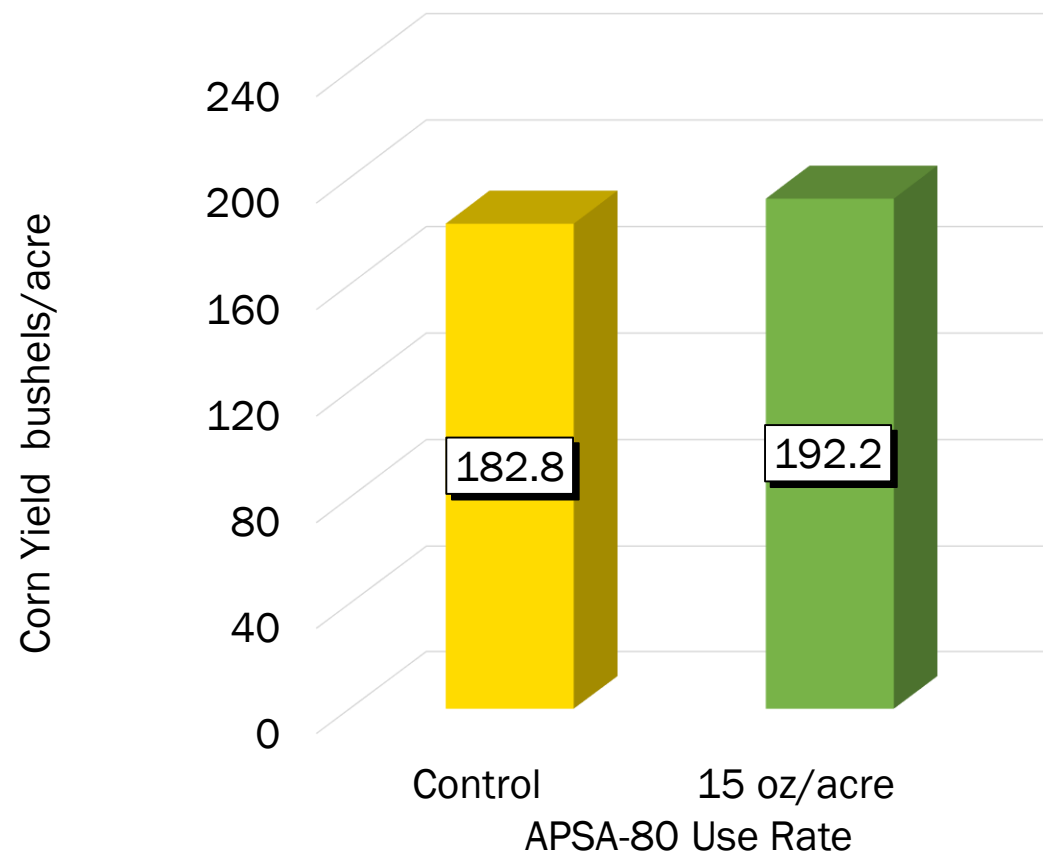
Irrigation Research Foundation, Yuma, Colorado

9.4 bu/acre Increase

5.1% Yield Increase

13 Year Average

99.99% Confidence Level



EFFECT OF APSA-80 & NUTRIPLANT AG ON CORN YIELD IN COMPACTED SOIL - 2015

Irrigation Research Foundation, Yuma, Colorado

AG - 16 oz/Acre @ 6-8 Leaf Stage

APSA-80 - 15 oz/Acre @ Planting

14.0 bu/A Increase with APSA-80

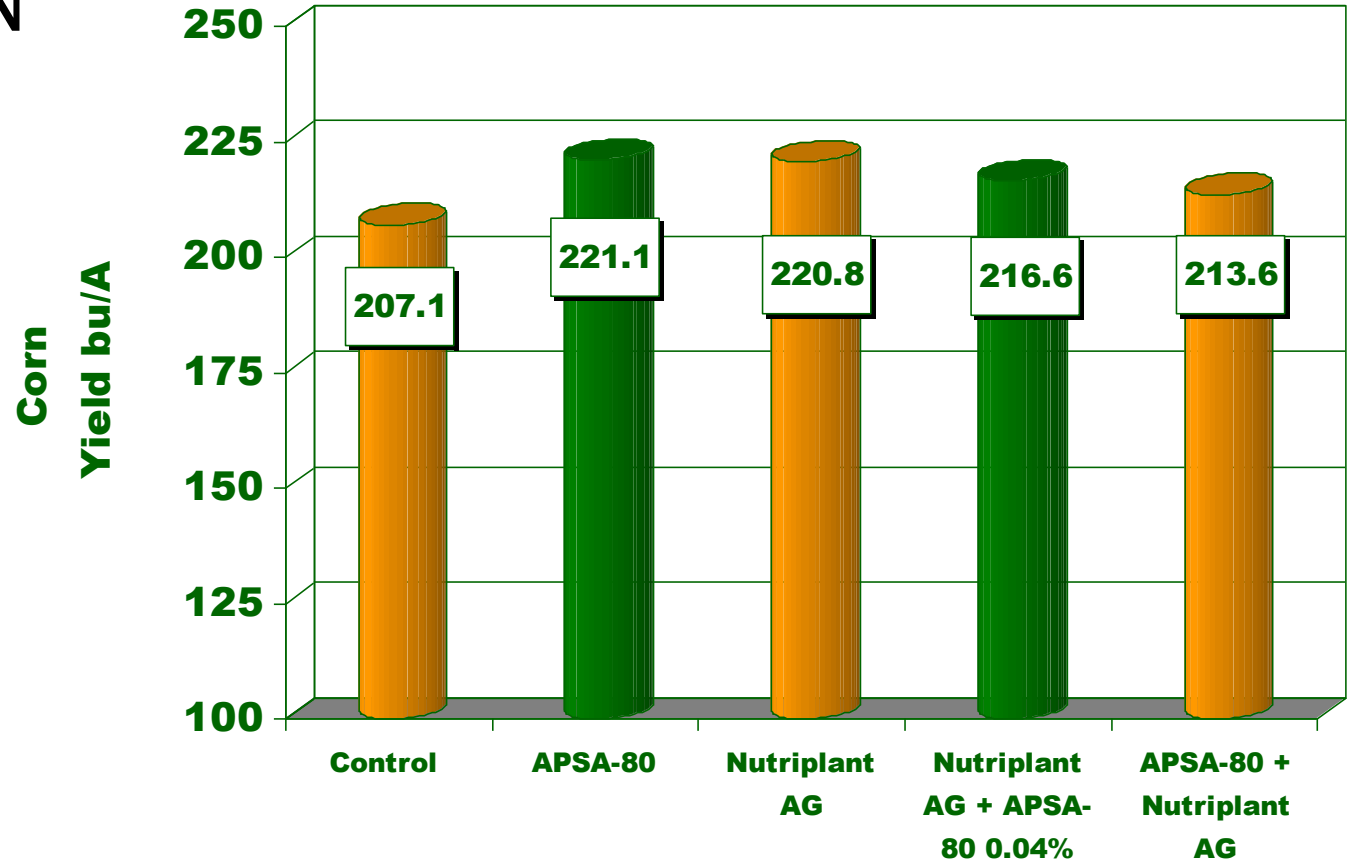
13.7 bu/A Increase with Nutriplant AG

6.5 bu/A Increase with APSA-80 &

Nutriplant AG

VARIETY:

Golden Harvest G07B39-3111A



EFFECT OF APSA-80 ON DRYLAND CORN YIELD IN COMPACTED SOIL - 2015

Irrigation Research Foundation, Yuma, Colorado

16.9 & 22.2 bu/A Increase

Variety:

DeKalb 54-38

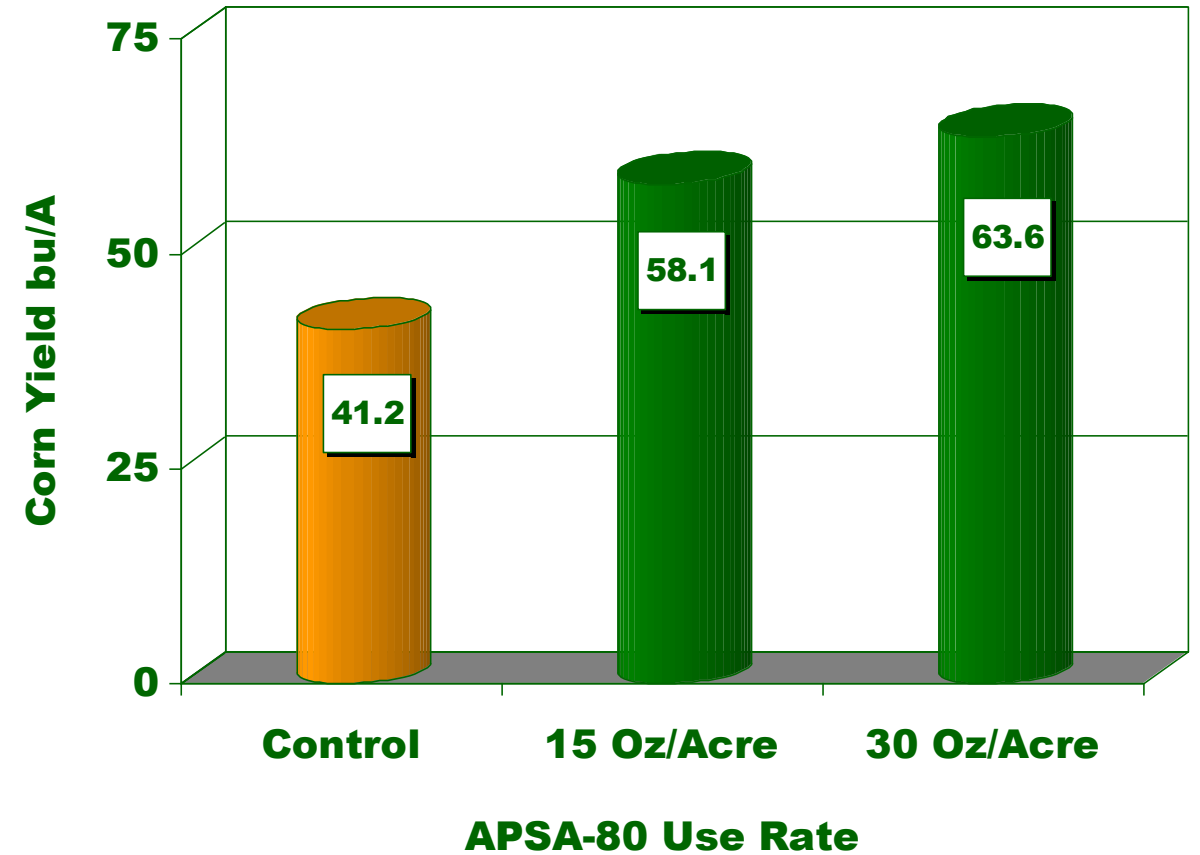
GH01P52-3011A

Population:

15,000/Acre

Rainfall:

16 Inches



EFFECT OF APSA-80 ON DRYLAND CORN YIELD IN COMPACTED SOIL – EIGHT YEAR AVERAGE

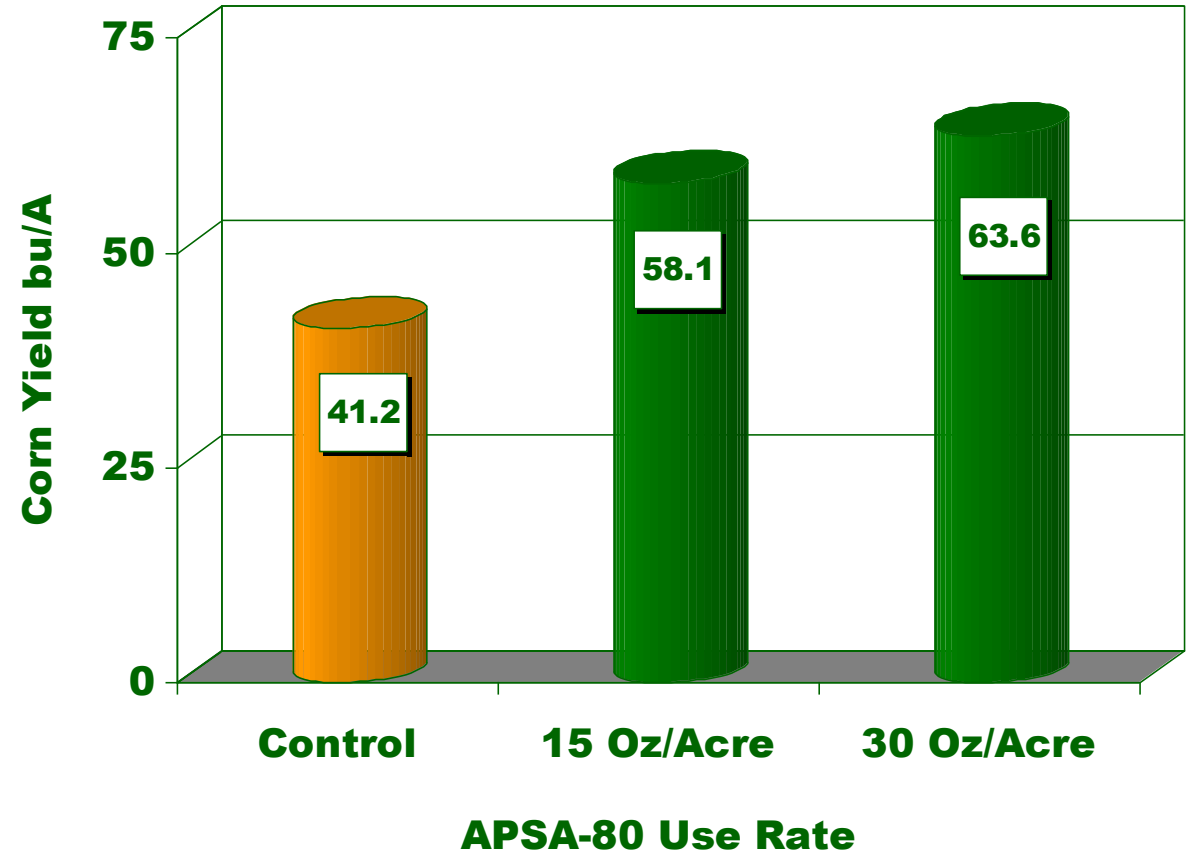
Irrigation Research Foundation, Yuma, Colorado

16.5 & 30.8 bu/A Increase

DMRT(2) = 14.25

bu/A @ 95% Confidence Level

30 oz > 15 oz > Control



EFFECT OF APSA-80 ON DRIP IRRIGATED CORN YIELD IN COMPACTED SOIL - 2015

Irrigation Research Foundation, Yuma, Colorado

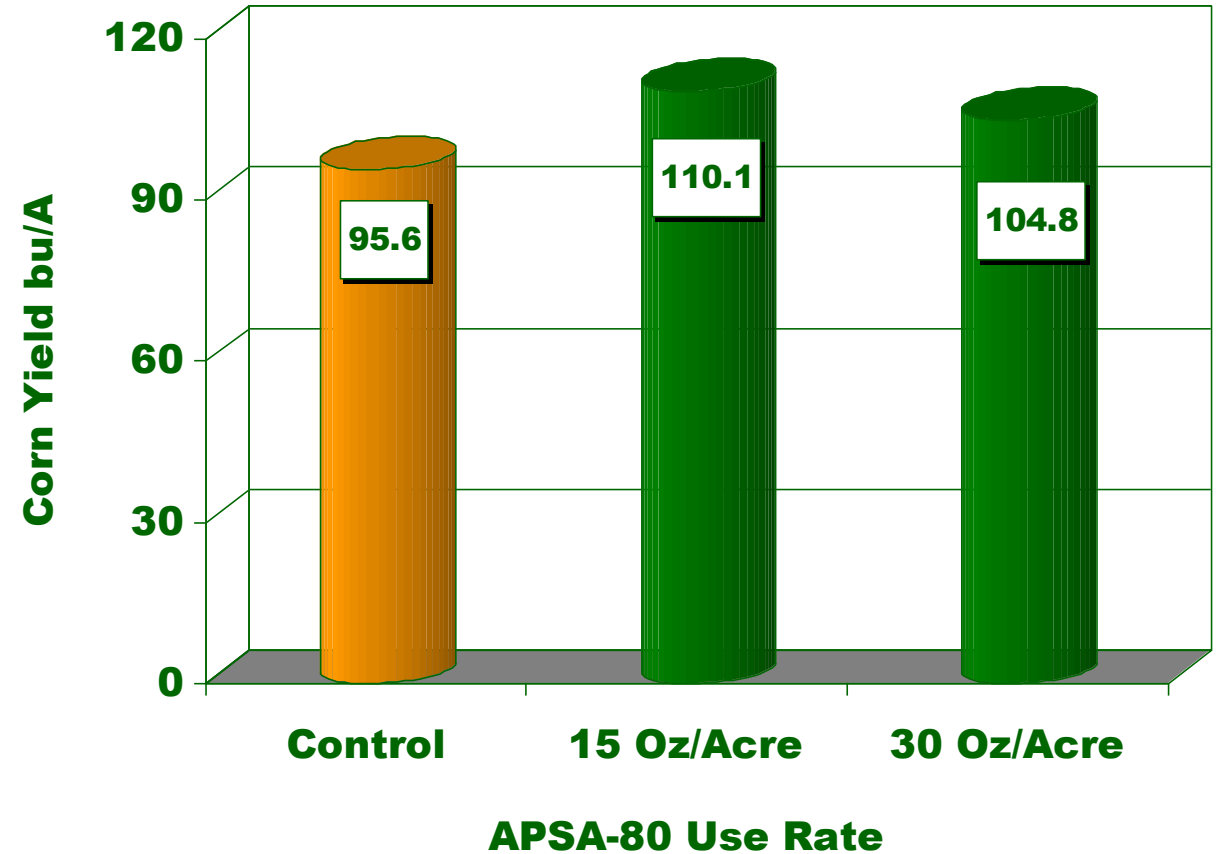
14.5 & 9.2 bu/A Increase

Variety:

DeKalb 54-38

Population:

34,000/Acre



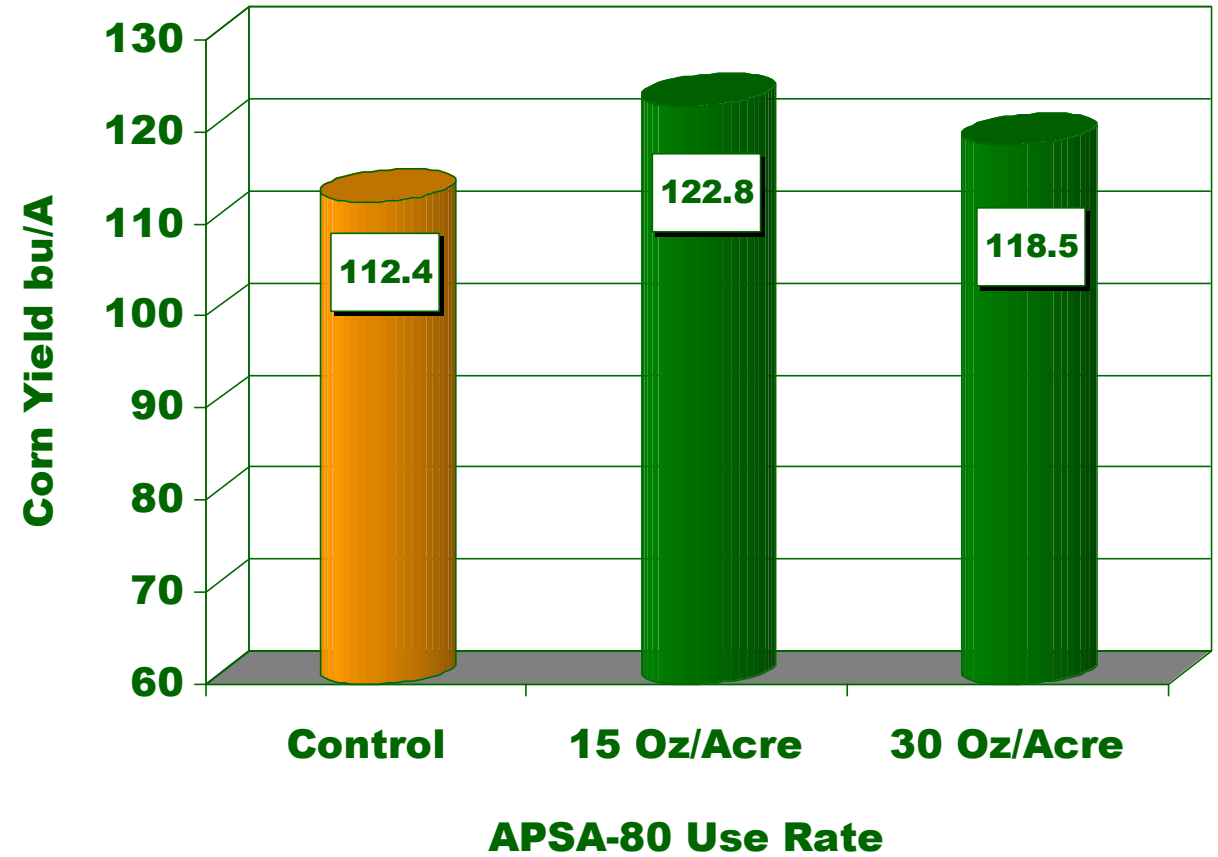
EFFECT OF APSA-80 ON DRIP IRRIGATED CORN YIELD IN COMPACTED SOIL - FOUR YEAR AVERAGE

Irrigation Research Foundation, Yuma, Colorado

10.4 & 6.1 bu/A Increase

DMRT(2) = 5.6 bu/A @ 95% Confidence Level

15 oz = 30 oz > Control



CORN – 2015

Treatment – APSA-80 oz/acre

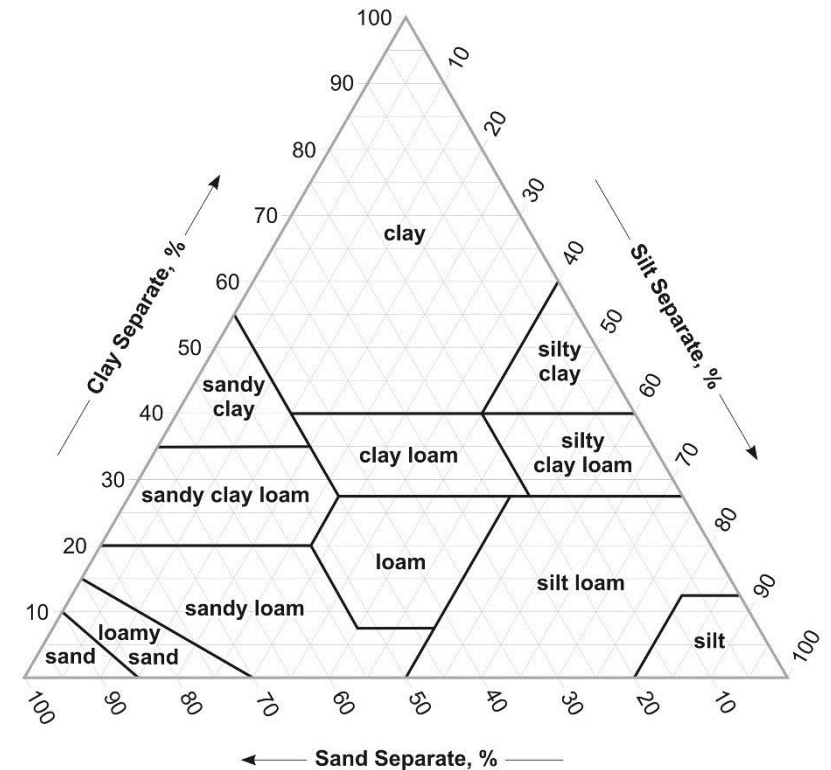
Larson Grain – North Dakota

CORN YIELD – BU/ACRE

Soil Type	Control	APSA-80	Difference
Sandy Loam	206.8b	216.3a	+9.5
Sandy Clay Loam	200.0b	215.7a	+15.7
Silty Loam	198.5b	209.7a	+11.2
Clay Loam	103.5	95.3	-8.2
Silty Clay	148.9b	158.2a	+9.3
Average	171.5b	179.0a	+7.5

Yield Results flowed by a Different Letter at Significantly Different @ 95% Confidence Level

Soil Textural Triangle



CORN – 2015

Treatment – APSA-80 oz/acre

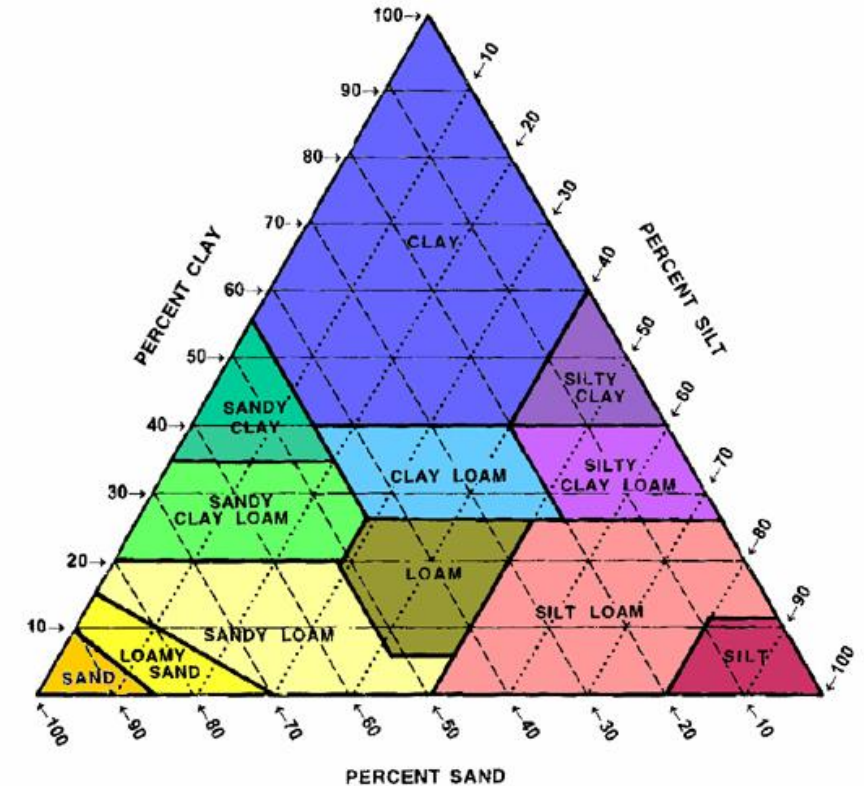
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Soil Textural Triangle



SOYBEANS- 2015

Treatment - APSA-80 oz/acre

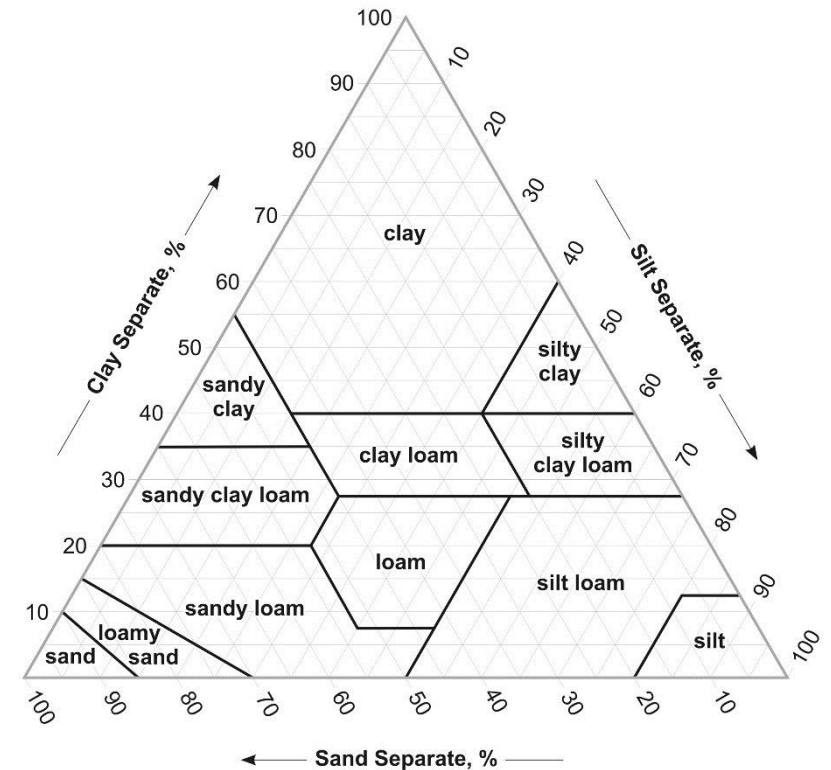
Larson Grain - North Dakota

SOYBEAN YIELD - BU/ACRE

Soil Type	Control	APSA-80	Difference
Sandy Loam	42.3b	46.8a	+4.5
Sandy Clay Loam	40.5	40.6	+0.1
Clay Loam	51.2b	55.4a	+4.2
Clay Loam	51.0	52.3	+1.3
Silty Clay	38.9	40.2	+1.3
Average	44.8b	47.8a	+3.0

Yield Results flowed by a Different Letter at Significantly Different @ 95% Confidence Level

Soil Textural Triangle



SOYBEANS- 2015

Treatment - APSA-80 oz/acre

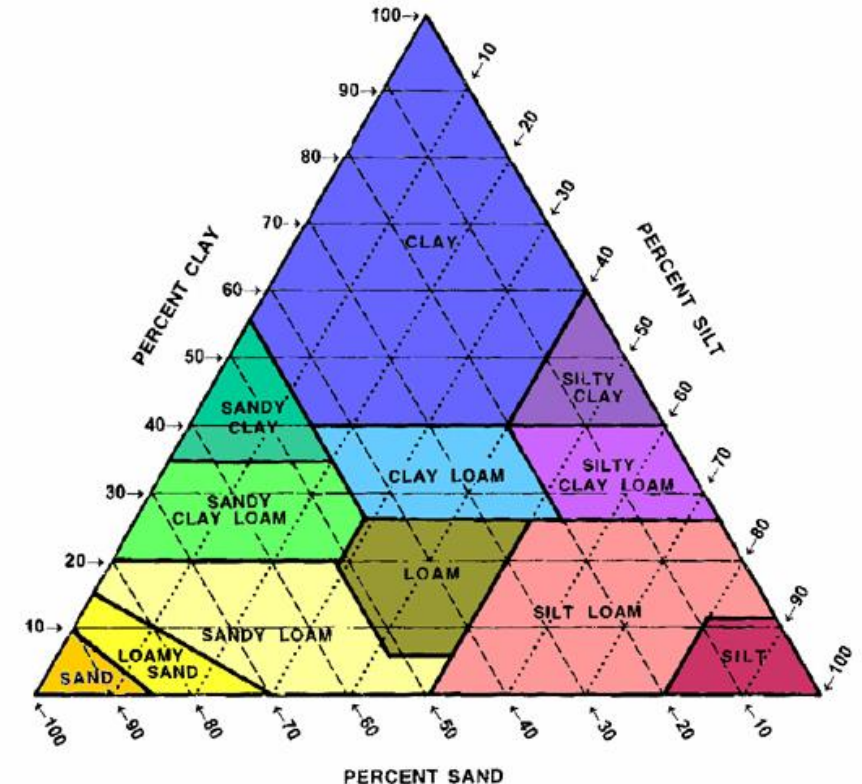
Larson Grain - North Dakota

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Soil Type	Control	APSA-80	Difference
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Clay Loam	51.0	52.3	+1.3
Silty Clay	38.9	40.2	+1.3
Average	44.8b	47.8a	+3.0

Yield Results flowed by a Different Letter at Significantly Different @ 95% Confidence Level

Soil Textural Triangle



SPRING WHEAT- 2015

Treatment - APSA-80 oz/acre

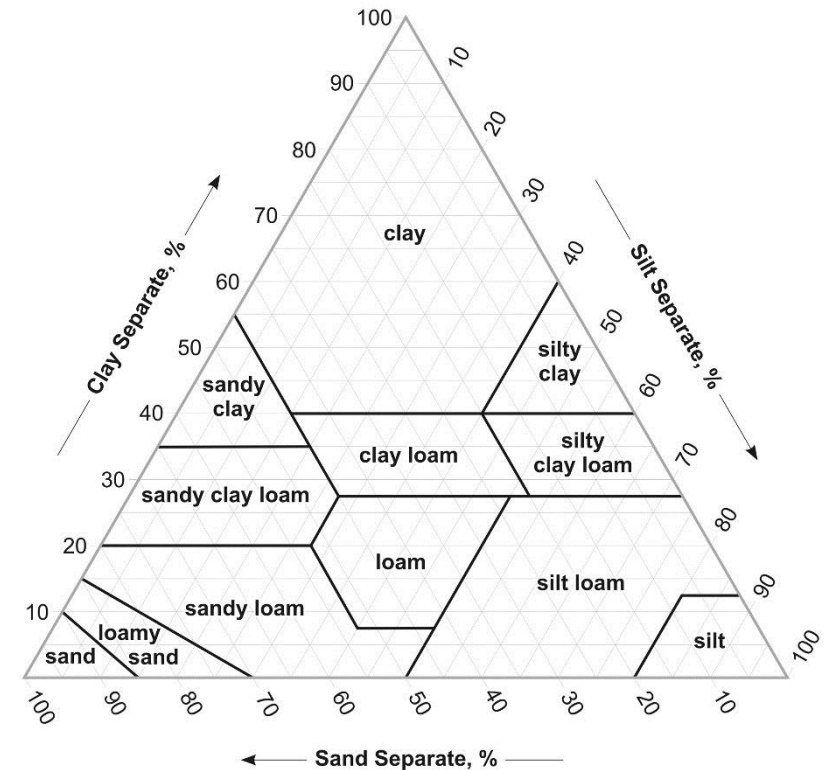
Larson Grain - North Dakota

SPRING WHEAT YIELD - BU/ACRE

Soil Type	Control	APSA-80	Difference
Clay Loam	70.3	73.0	+2.7
Silty Loam	71.4	72.4	+1.0
Silty Clay Loam	55.6b	60.5a	+4.9
Average	65.8b	68.6a	+2.8

Yield Results flowed by a Different Letter at Significantly Different @ 95% Confidence Level

Soil Textural Triangle



SPRING WHEAT- 2015

Treatment - APSA-80 oz/acre

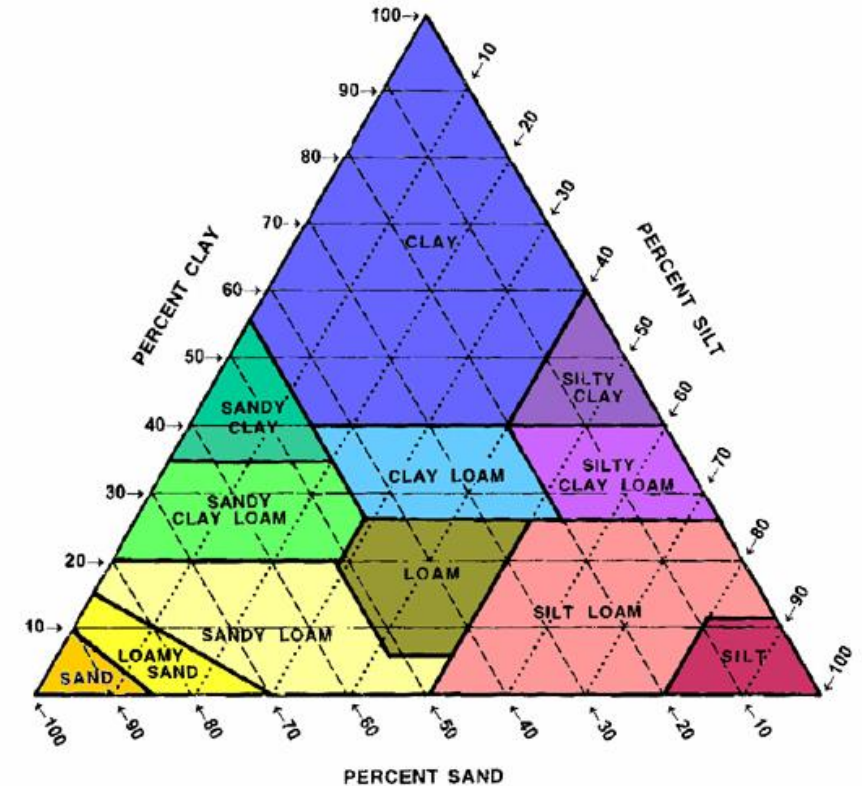
Larson Grain - North Dakota

SPRING WHEAT YIELD - BU/ACRE

Soil Type	Control	APSA-80	Difference
Clay Loam	70.3	73.0	+2.7
Silty Loam	71.4	72.4	+1.0
Silty Clay Loam	55.6b	60.5a	+4.9
Average	65.8b	68.6a	+2.8

Yield Results flowed by a Different Letter at Significantly Different @ 95% Confidence Level

Soil Textural Triangle



SOYBEANS- 2015

Treatment - APSA-80 oz/acre

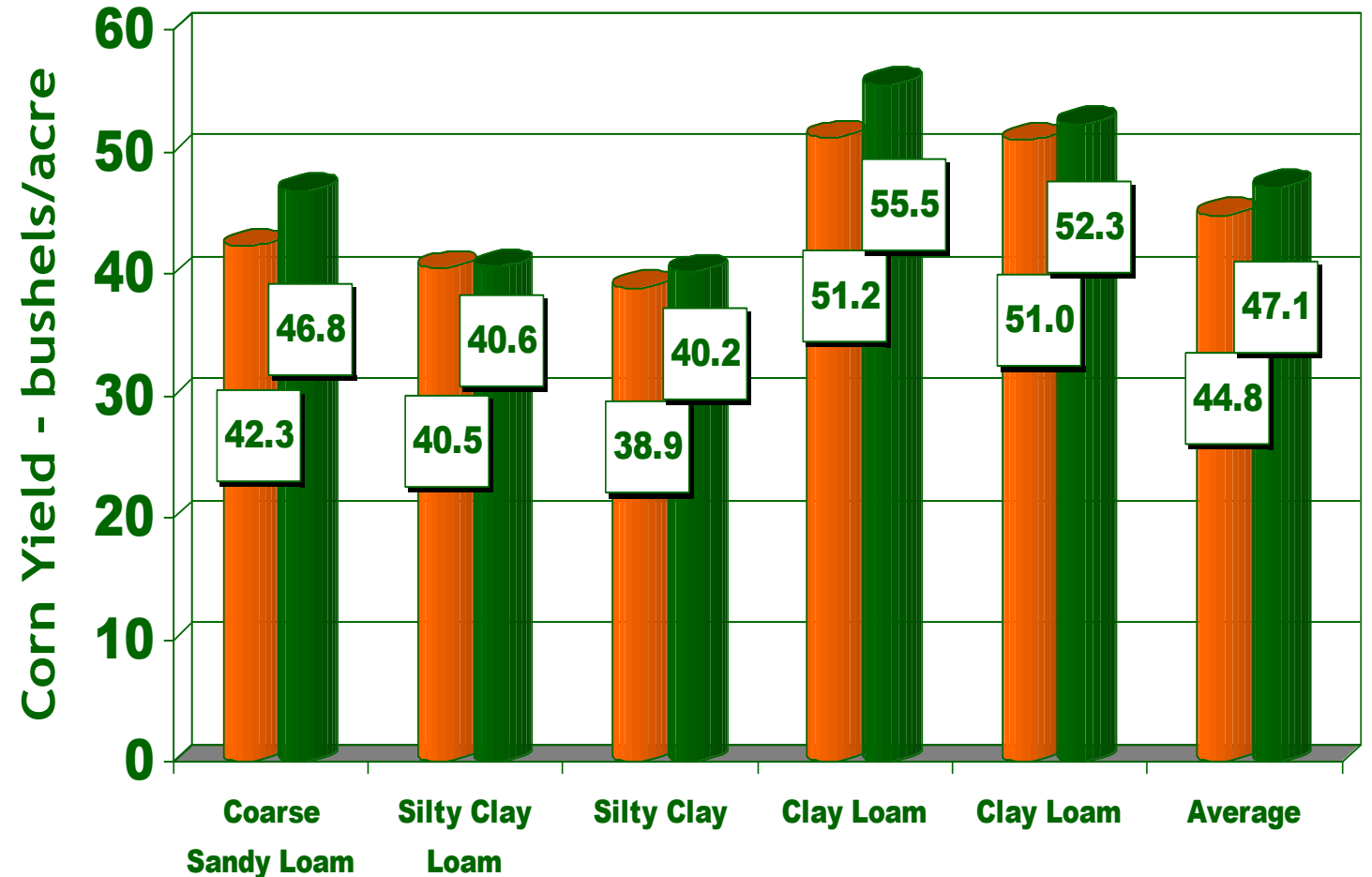
Larson Grain - North Dakota

2015 Results

Average 2.3 bu/acre Increase

Average 5.1% Yield Increase

Average Yield Results Significant at 95.0% Confidence Level

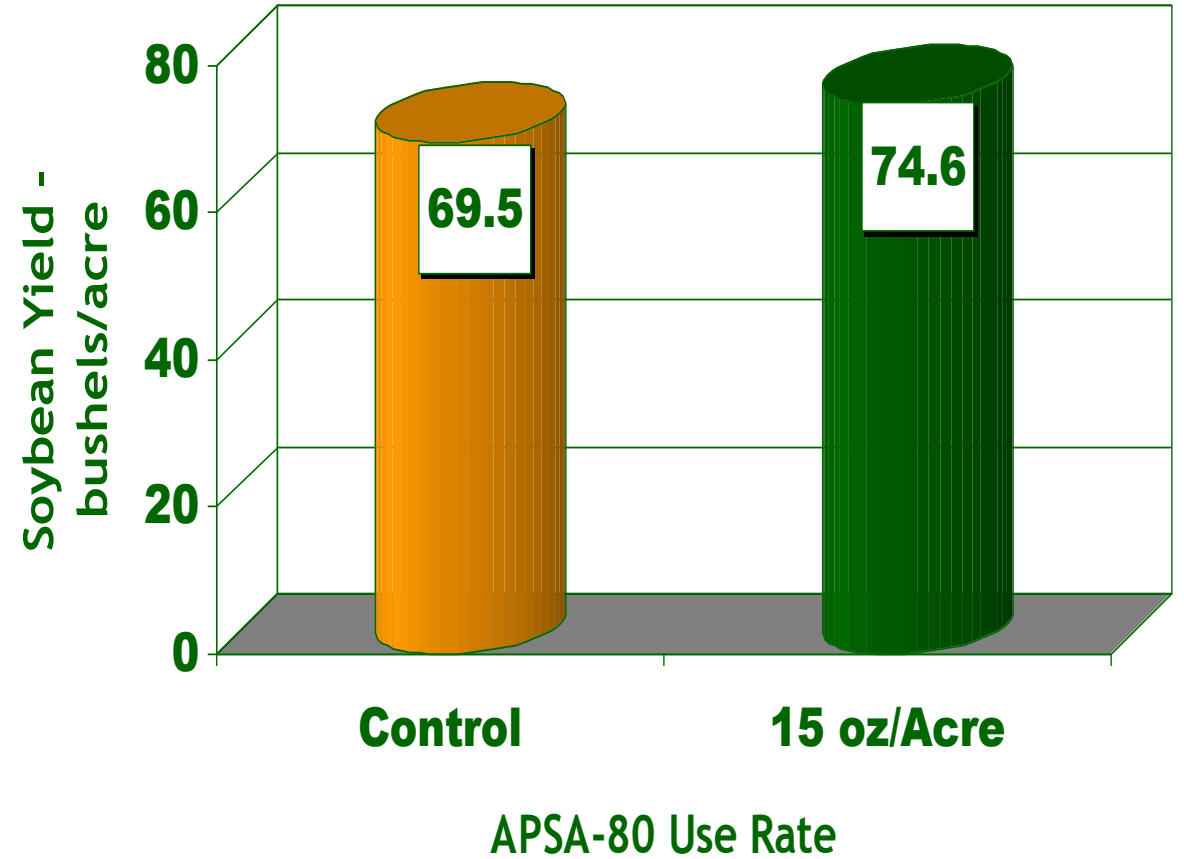


Effect of APSA-80 on Soybean Yield 2015

Irrigation Research Foundation, Yuma, Colorado

5.1 bu/acre Increase

Variety: Syngenta S24-K2



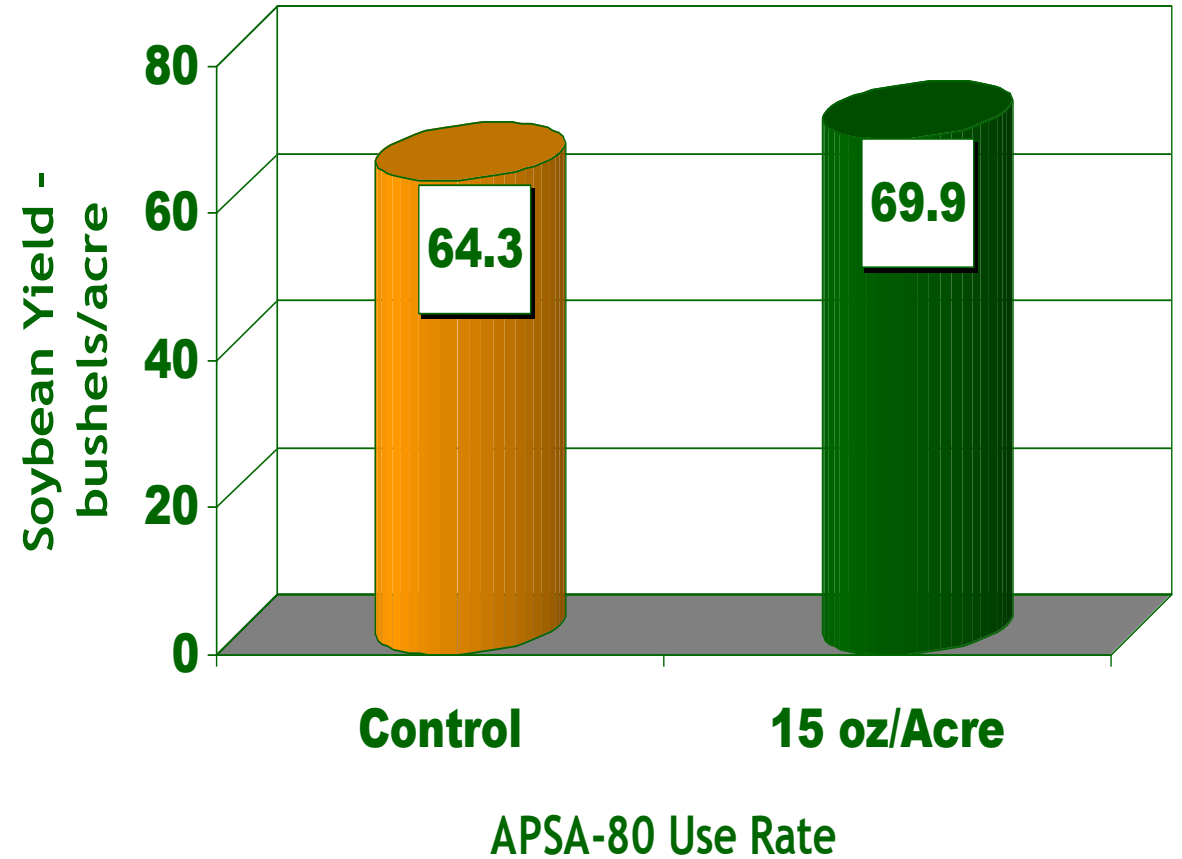
Effect of APSA-80 on Soybean Yield Eleven Year Average

Irrigation Research Foundation, Yuma, Colorado

5.6 bu/acre Increase

8.7% Yield Increase

Results Significant @ 99.9% Confidence Level

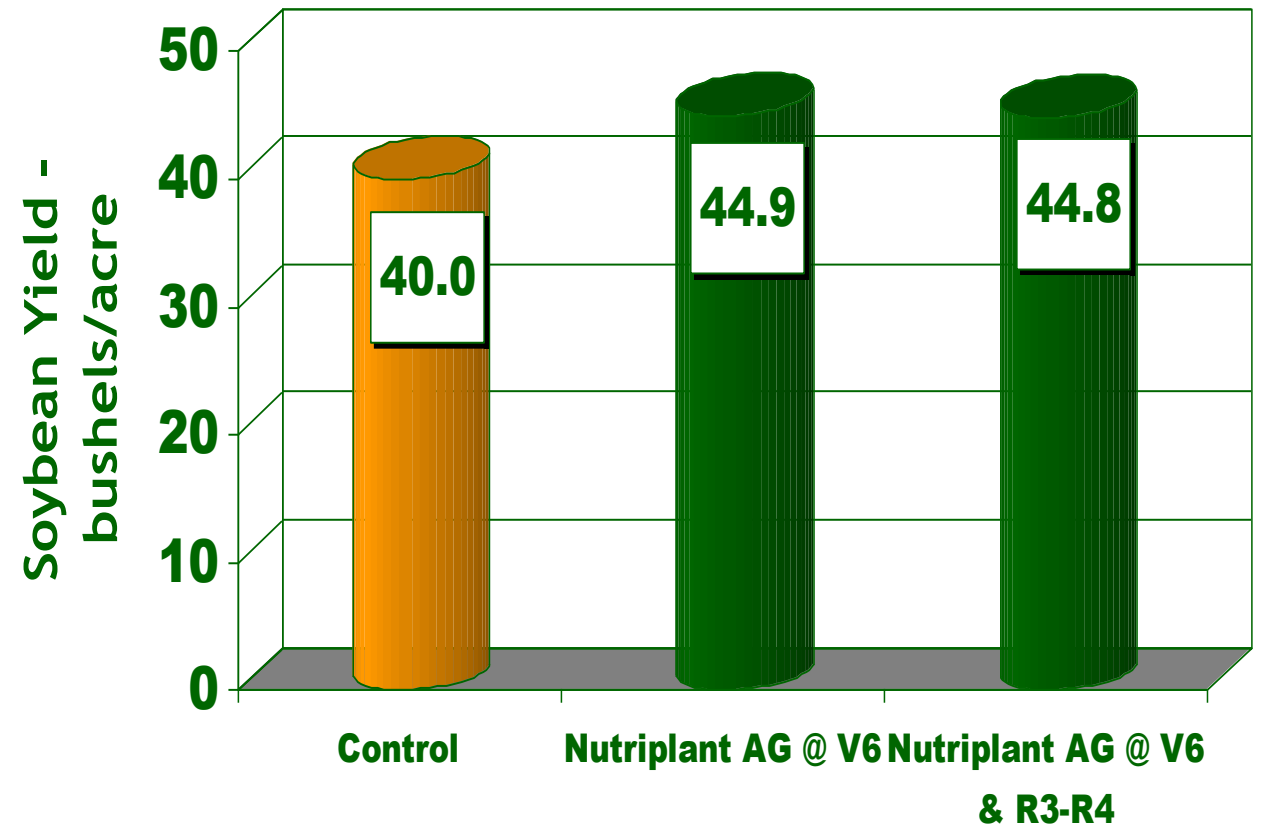


Effect of Nutriplant AG on Soybean Yield 2015

Irrigation Research Foundation, Yuma, Colorado

4.9 & 4.8 bu/acre Increase

Variety: Syngenta S24-K2

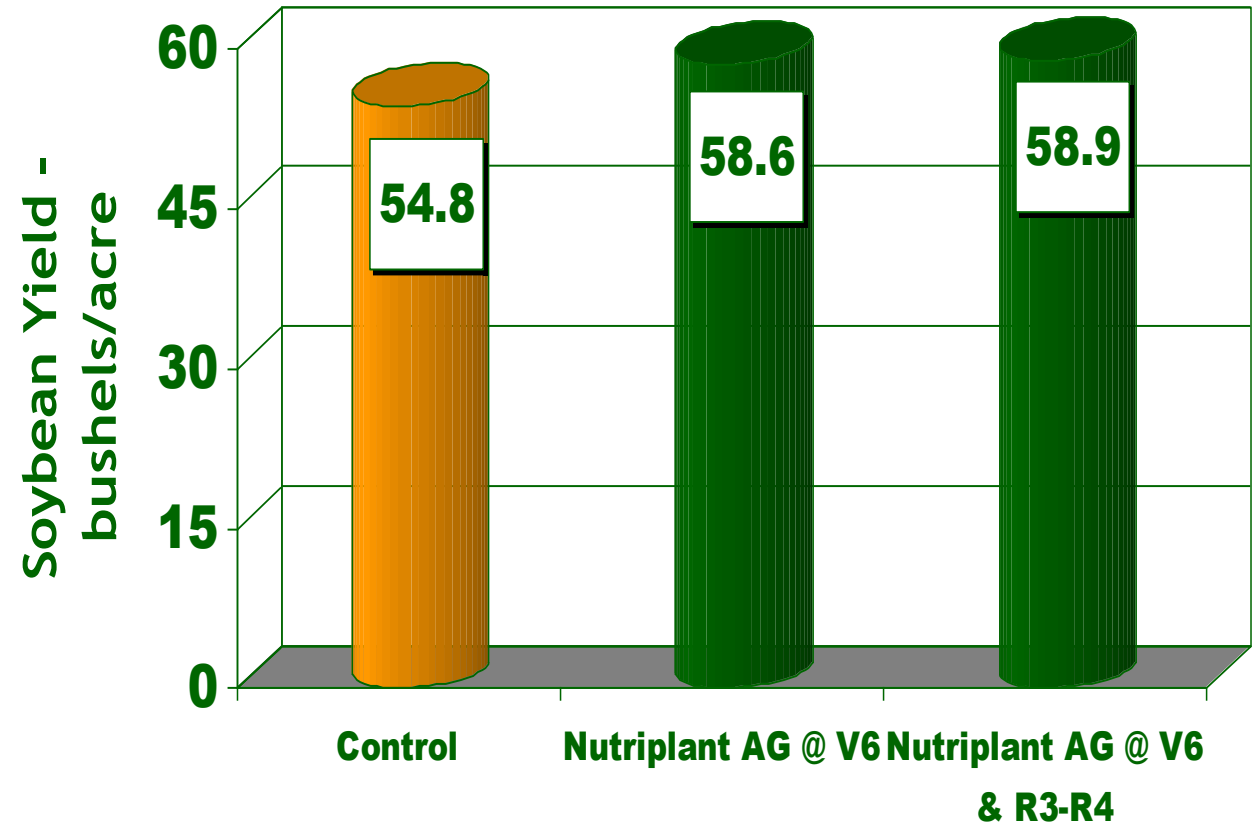


Nutriplant AG - 15 oz/A

Effect of Nutriplant AG on Soybean Yield Two Year Average

Irrigation Research Foundation, Yuma, Colorado

3.8 & 4.1 bu/acre Increase



Nutriplant AG - 15 oz/A

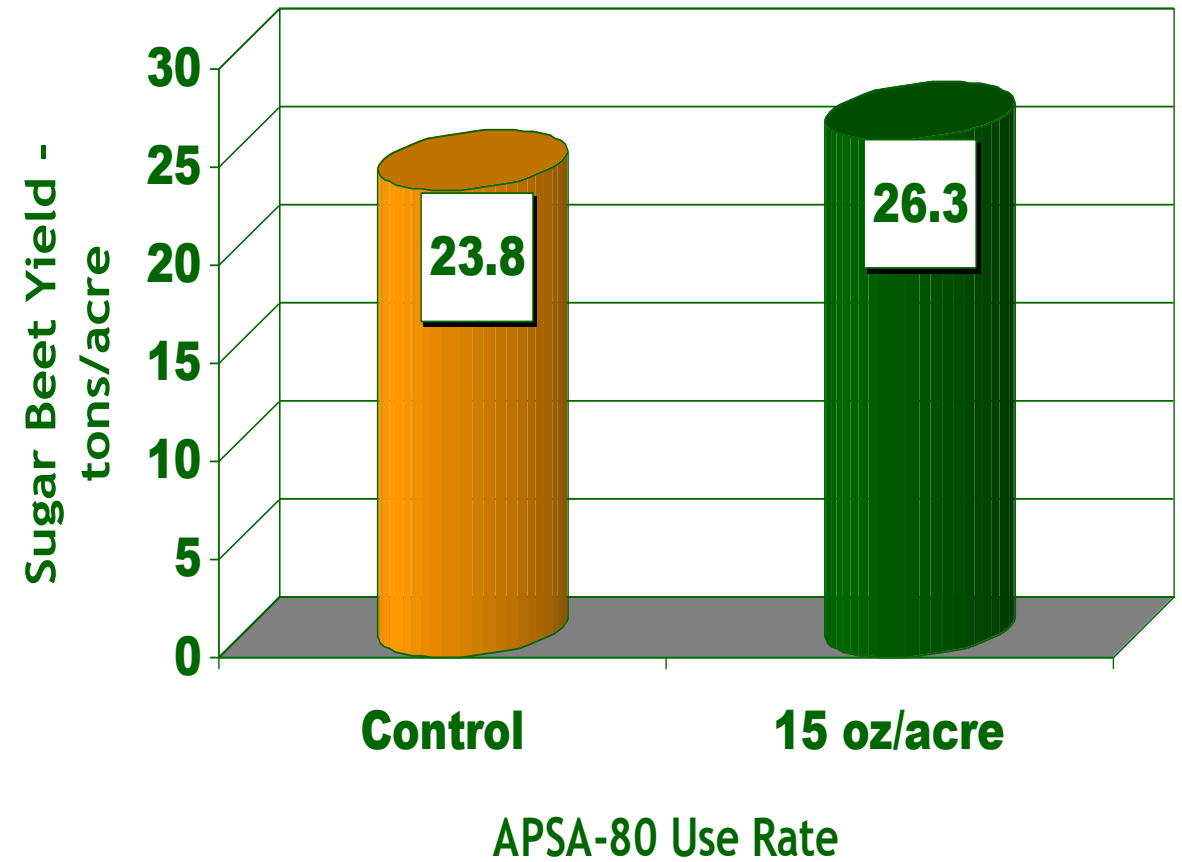
Effect of APSA-80 on Sugar Beet Yield 2015

Irrigation Research Foundation, Yuma, Colorado

2.5 tons/acre Increase

12.9% Increase

Variety: Hillehog Cruiser Maxx 9173RR



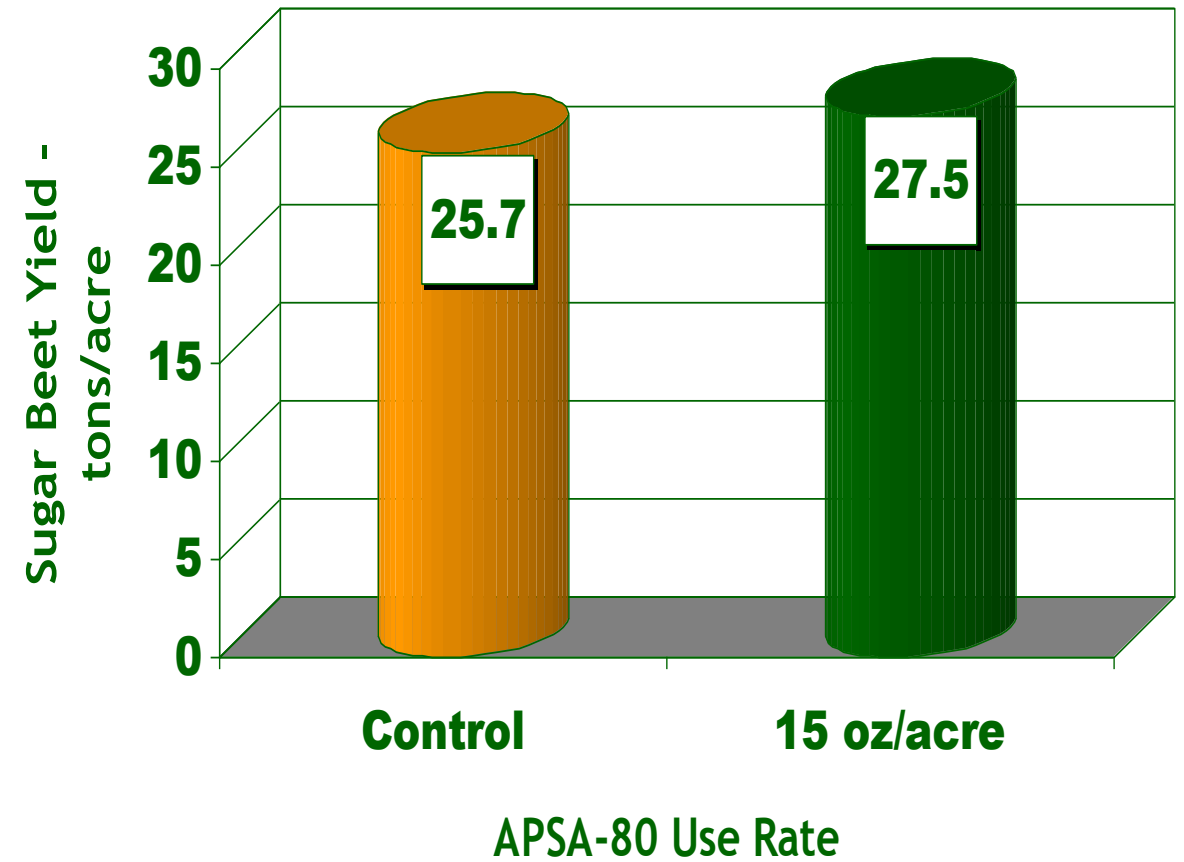
Effect of APSA-80 on Sugar Beet Yield Twelve Year Average

Irrigation Research Foundation, Yuma, Colorado

1.7 tons/acre Increase

6.8% Increase

Results Significant @ 98.4% Confidence Level



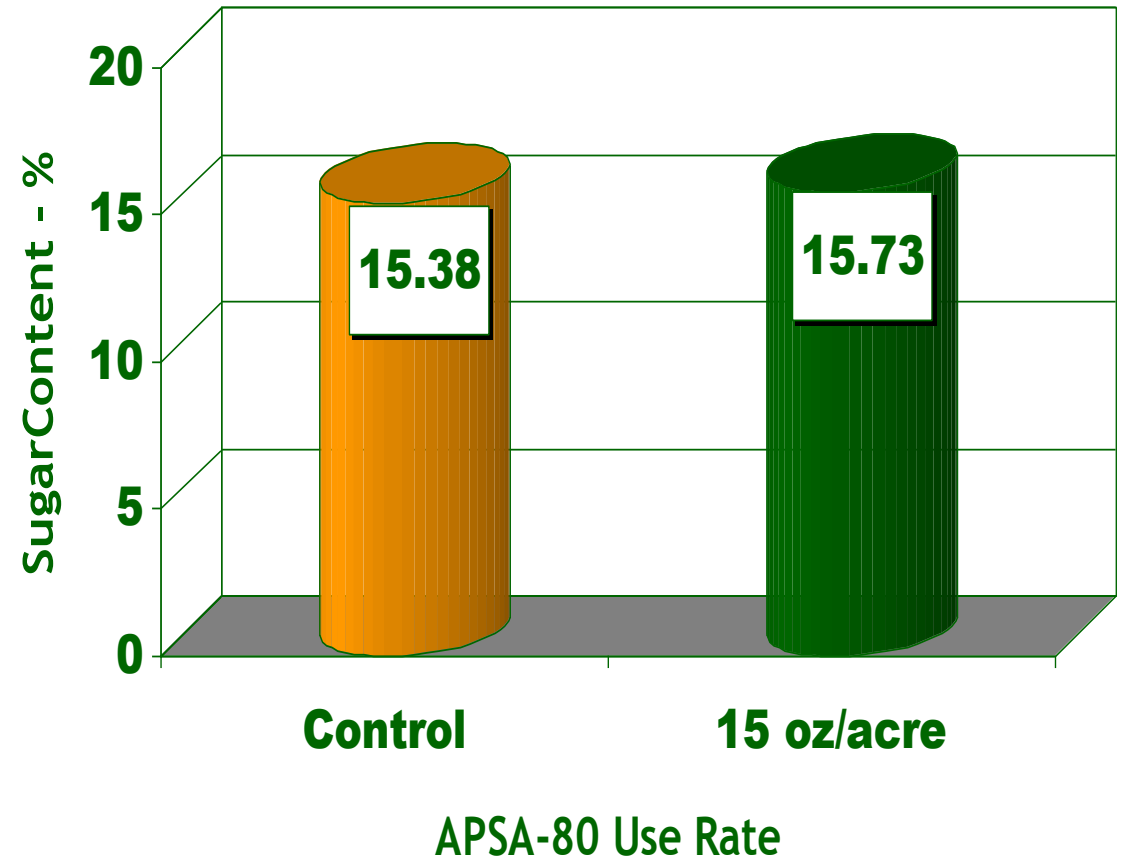
Effect of APSA-80 on Sugar Beet % Sugar - 2015

Irrigation Research Foundation, Yuma, Colorado

0.35% Increase In Sugar Content

2.3% Sugar Increase

Variety: Hillehog Cruiser Maxx 9173RR



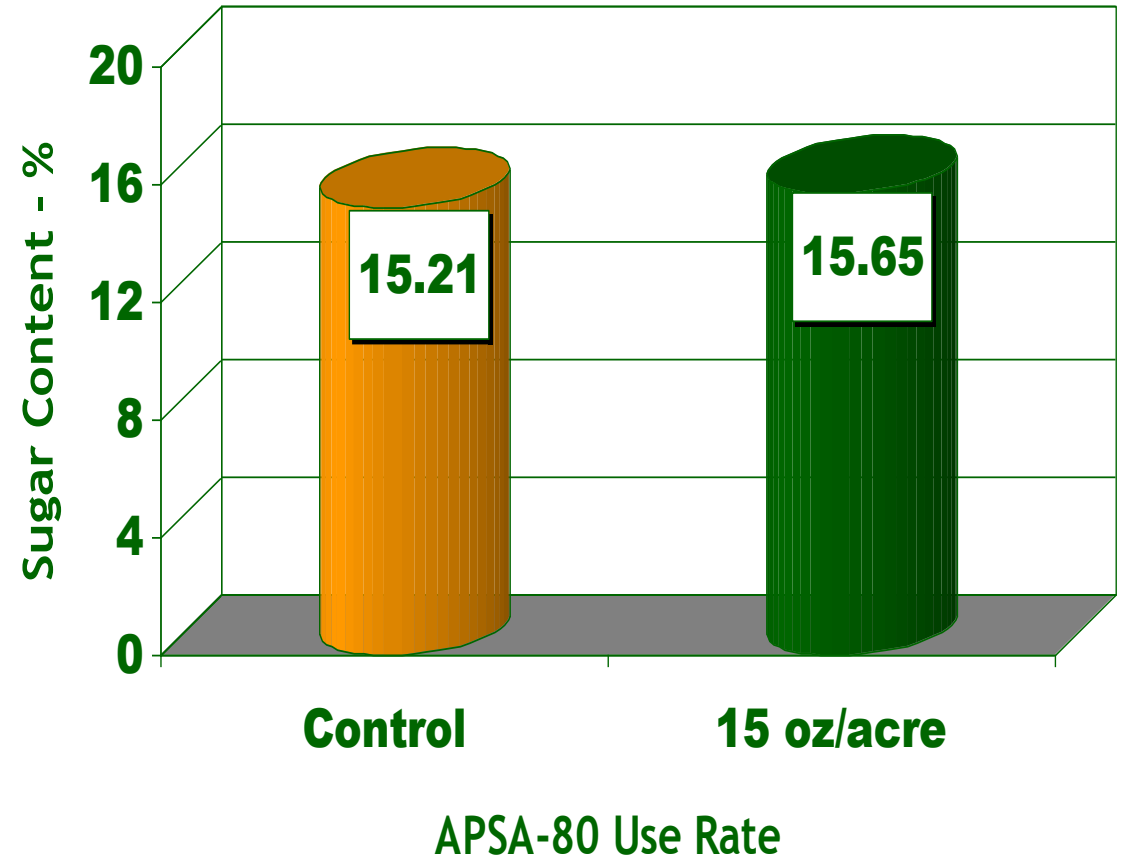
Effect of APSA-80 on Sugar Beet % Sugar Twelve Year Average

Irrigation Research Foundation, Yuma, Colorado

0.44% Increase in Sugar Content

2.9% Yield Increase

Results Significant @ 82.6% Confidence Level



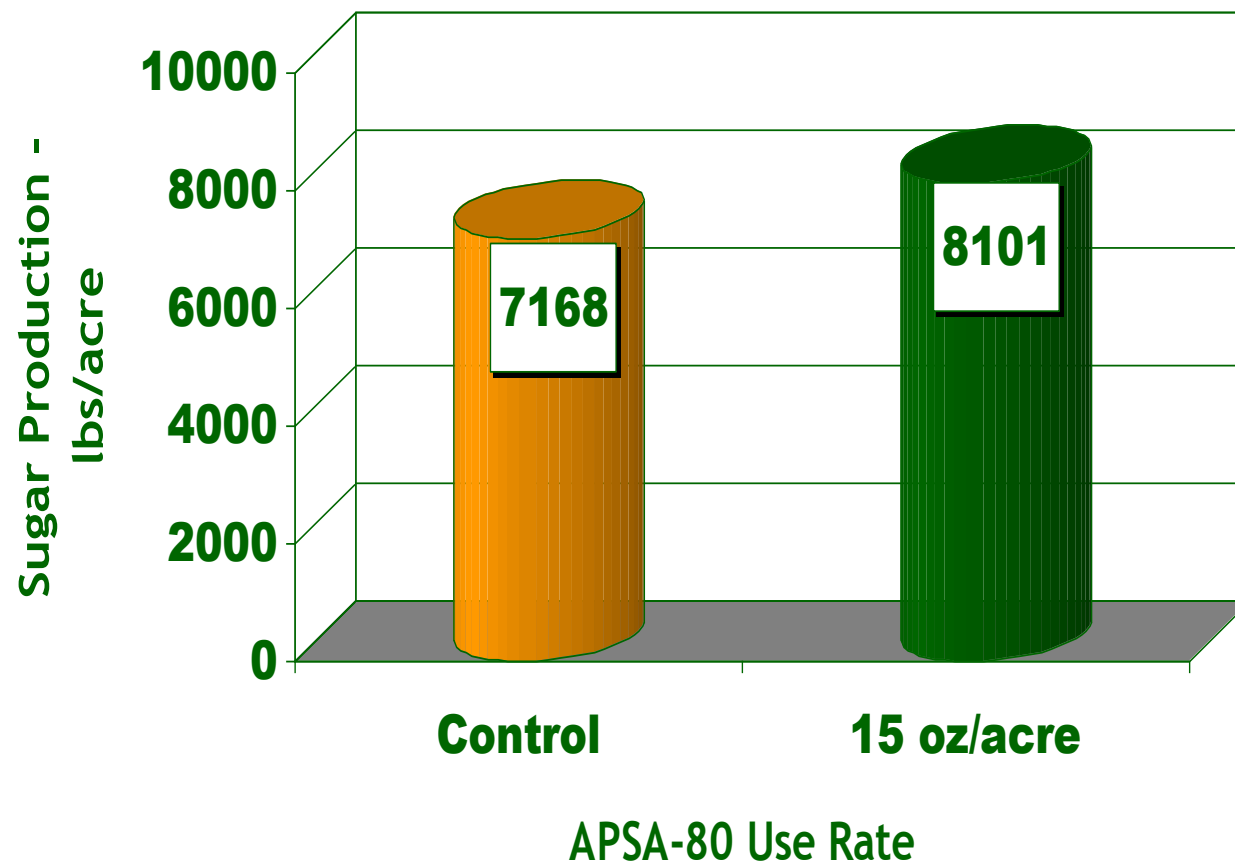
Effect of APSA-80 on Sugar Beet Sugar Production - 2015

Irrigation Research Foundation, Yuma, Colorado

933 lbs/acre Increase

13.1% Yield Increase

Variety: Hillehog Cruiser Maxx 9173RR



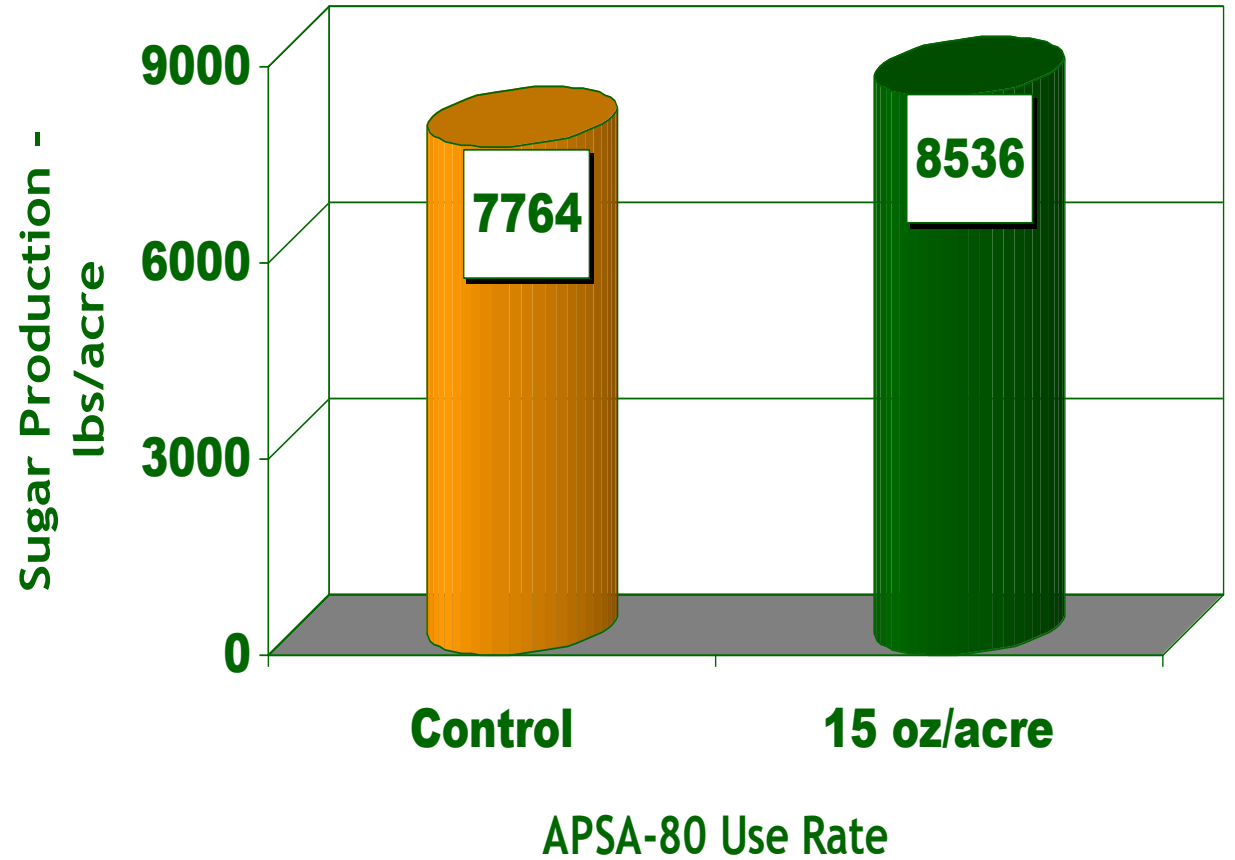
Effect of APSA-80 on Sugar Beet Sugar Production - Twelve Year Average

Irrigation Research Foundation, Yuma, Colorado

772 lbs/acre Increase

9.9% Yield Increase

Results Significant @ 99.9% Confidence Level



APENDIX

- The following slides are part of the template that have been developed for you to use.

APSA-80

Exclusively from **Amway**

TRANSITION SLIDE

TRANSITION SLIDE



TITLE

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation



TITLE

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation

Color Options

Primary Green



Primary Green
Hue Options



Dark Green



Dark Green
Hue Options

