CrystalGreen®
5-28-0 with 10%Mg

Research Data Summary

2017 to 2018

CrystalGreen®
5-28-0 with 10%Mg

Canola

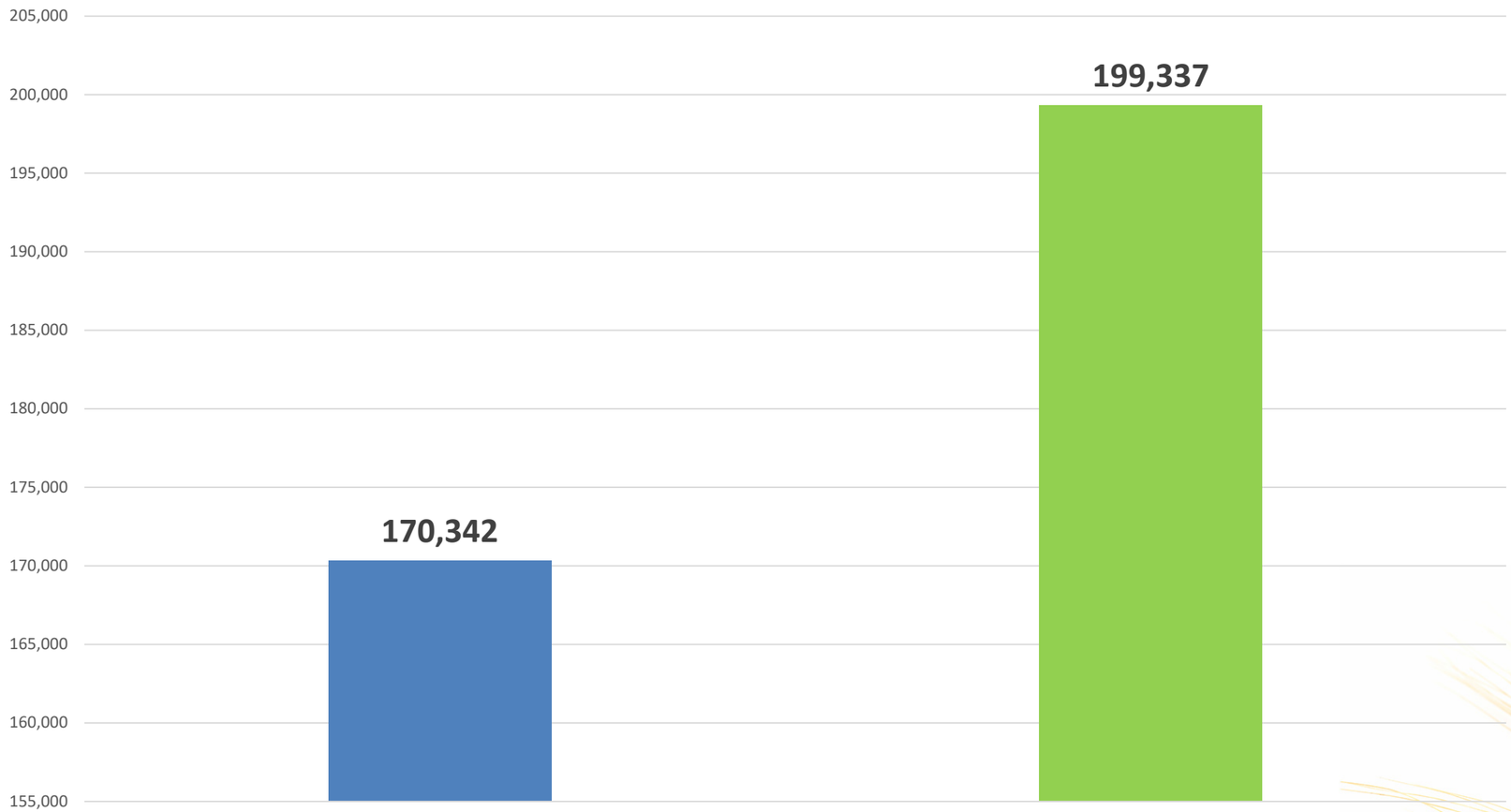
Research Summary 2018

Manitoba, Saskatchewan, and North Dakota Trials

CrystalGreen®
5-28-0 with 10%Mg

2018 Canola Trials

Manitoba Replicated Trial by AgQuest in Minto, Manitoba



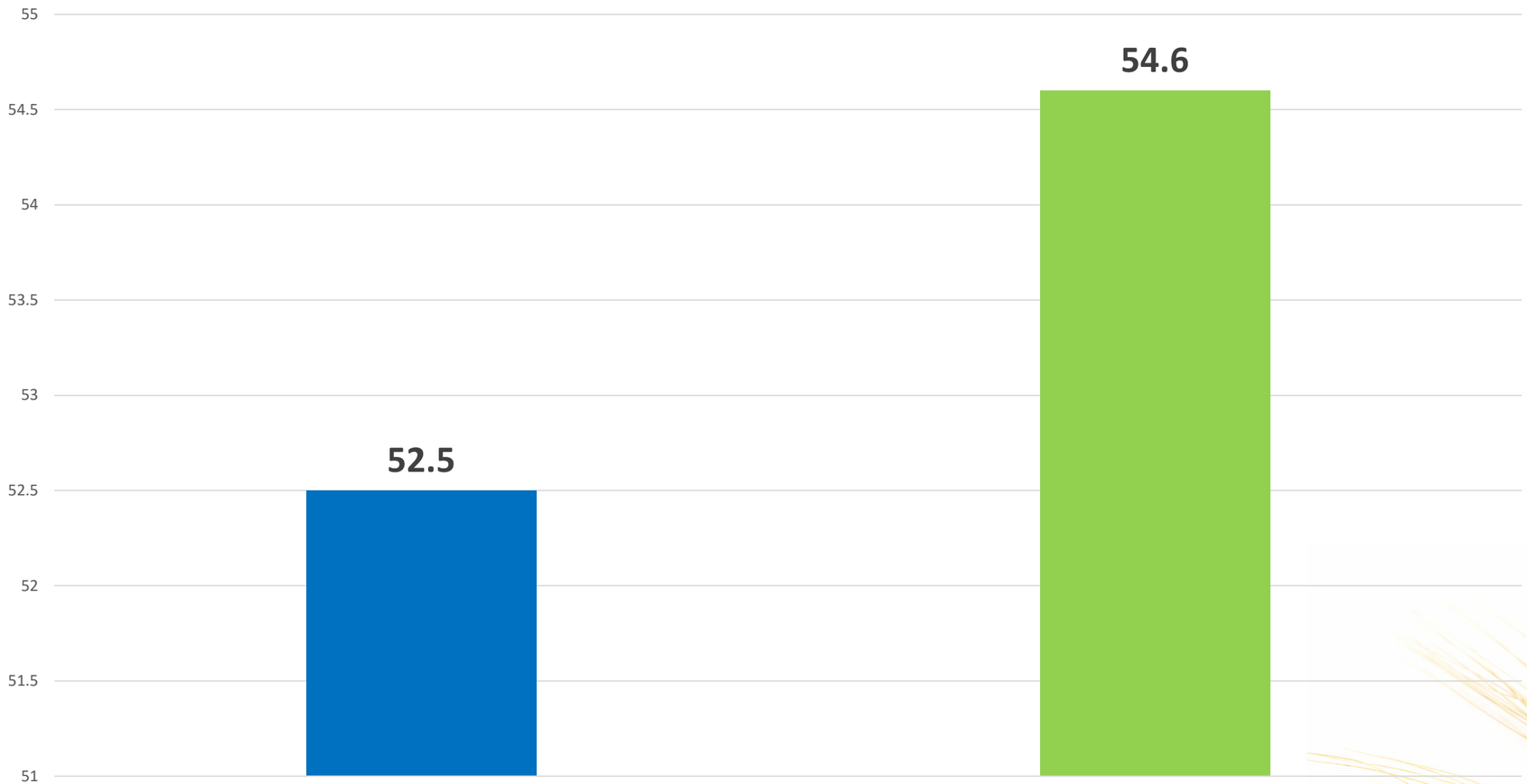
29,000
More Plants
Per Acre

Soil pH = 8.0
Soil Test P = 15 ppm
Total Crop P = 30 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

2018 Canola Trials

Manitoba Replicated Trial by AgQuest in Minto, Manitoba



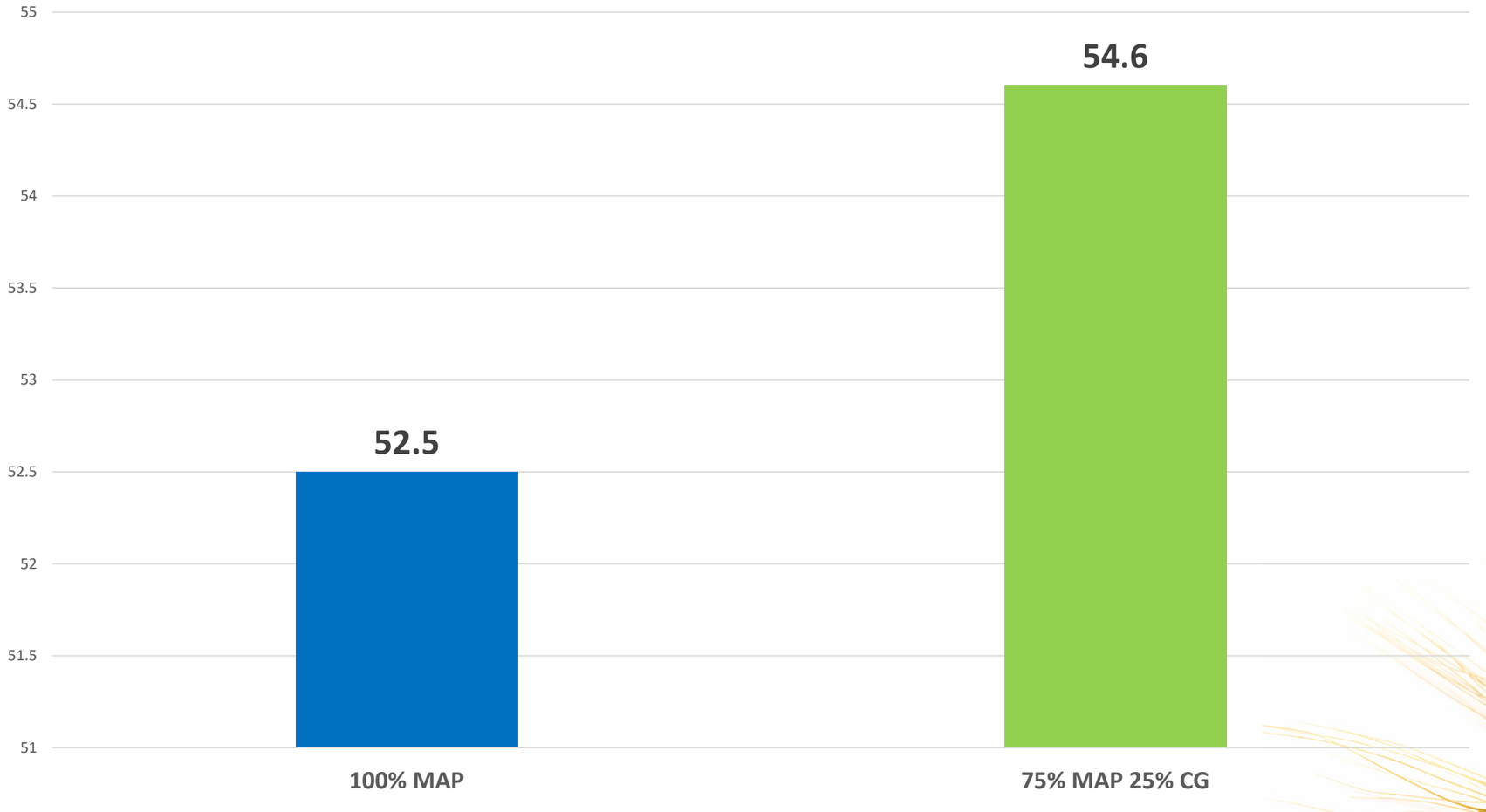
2.1
Bushel
Increase

Soil pH = 8.0
Soil Test P = 15 ppm
Total Crop P = 30 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

2018 Canola Trials

Manitoba Replicated Trial by ICMS in Portage La Prairie, Manitoba



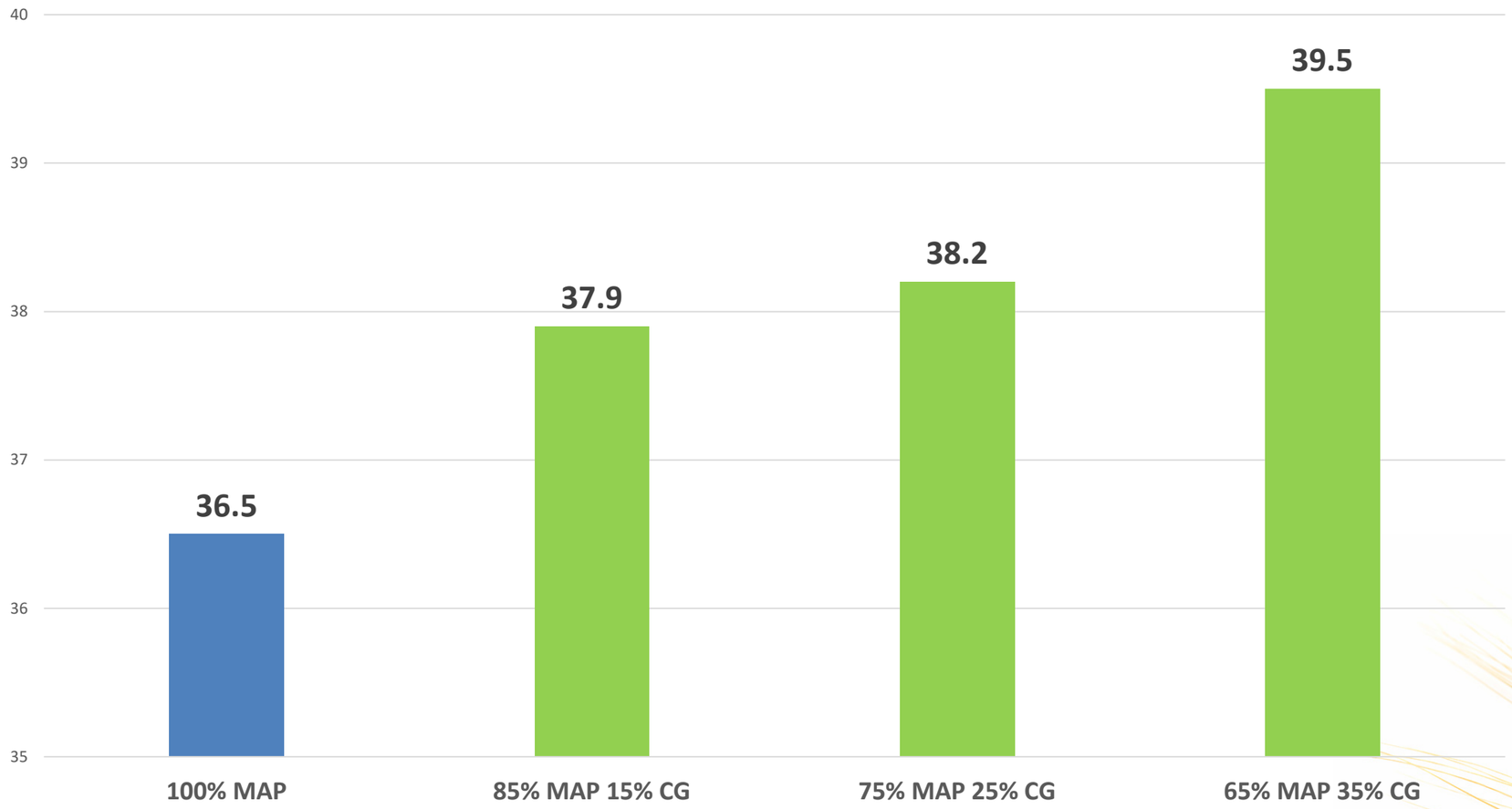
5.0
Bushel
Average Increase
over 100% MAP

Soil pH = 8.0
Soil Test P = 15 ppm
Total Crop P = 30 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

2018 Canola Trials

Saskatchewan Replicated Trial by AgQuest in Saskatoon, Saskatchewan



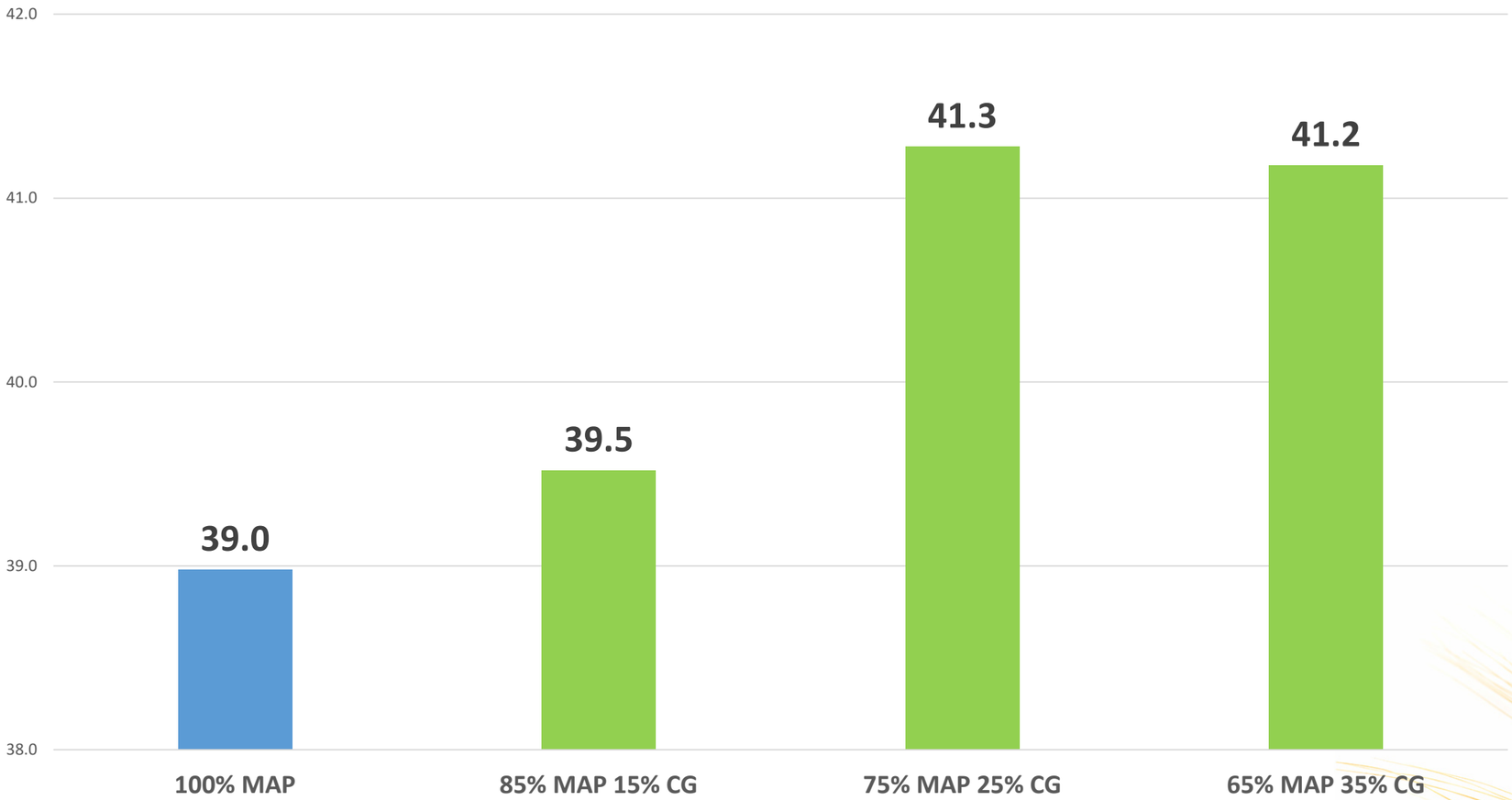
1.7
Bushel Increase

Soil pH = 6.1
Soil Test P = 13 ppm
Total Crop P = 30 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

2018 Canola Trials

North Dakota Replicated Trial by Vision Research in Minot, North Dakota



2.3
Bushel Increase

Soil pH = 7.6
Soil Test P = 6 ppm
Total Crop P = 25 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

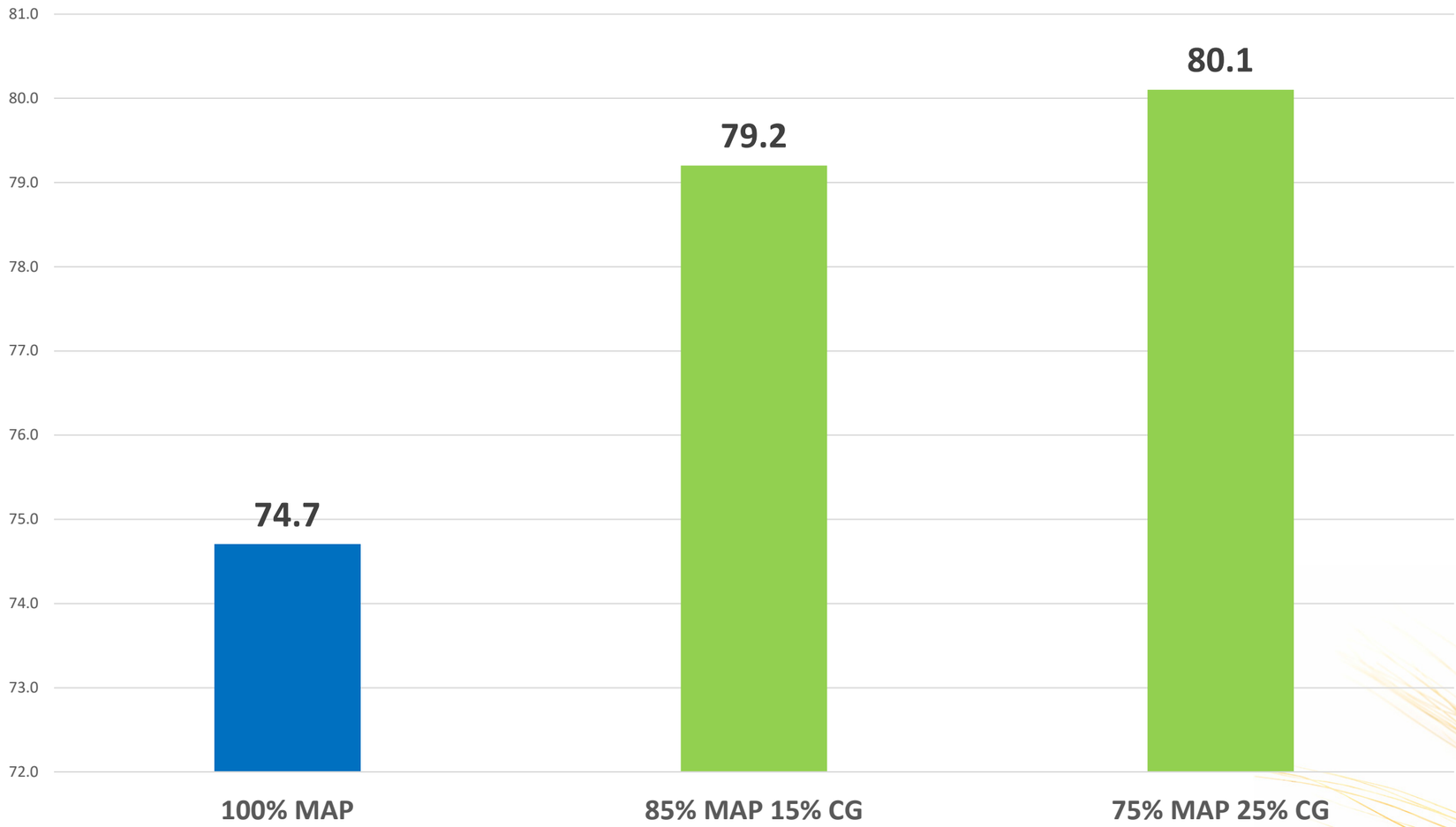
Spring Wheat

Research Summary 2017-18

CrystalGreen®
5-28-0 with 10%Mg

2017 Spring Wheat Trials

2017 Spring Wheat Trial by ICMS in Portage La Prairie, Manitoba



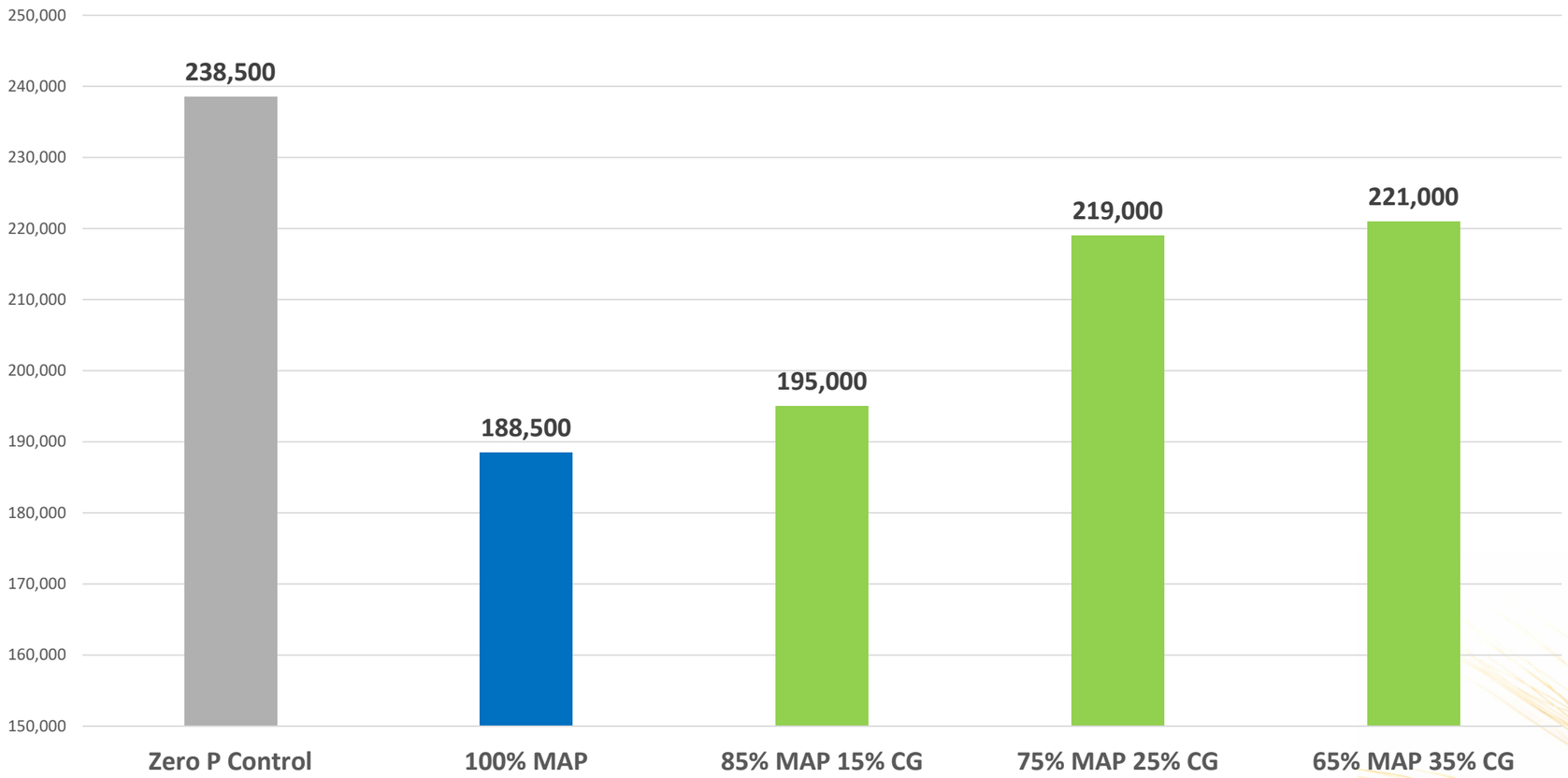
5.0
Bushel
Average
Gain

Soil pH = 7.9
Soil Test P = 13 ppm
Total P Rate = 35 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

Plant Stand Count Effects

2018 Spring Wheat Trial by AgQuest in Minto, Manitoba



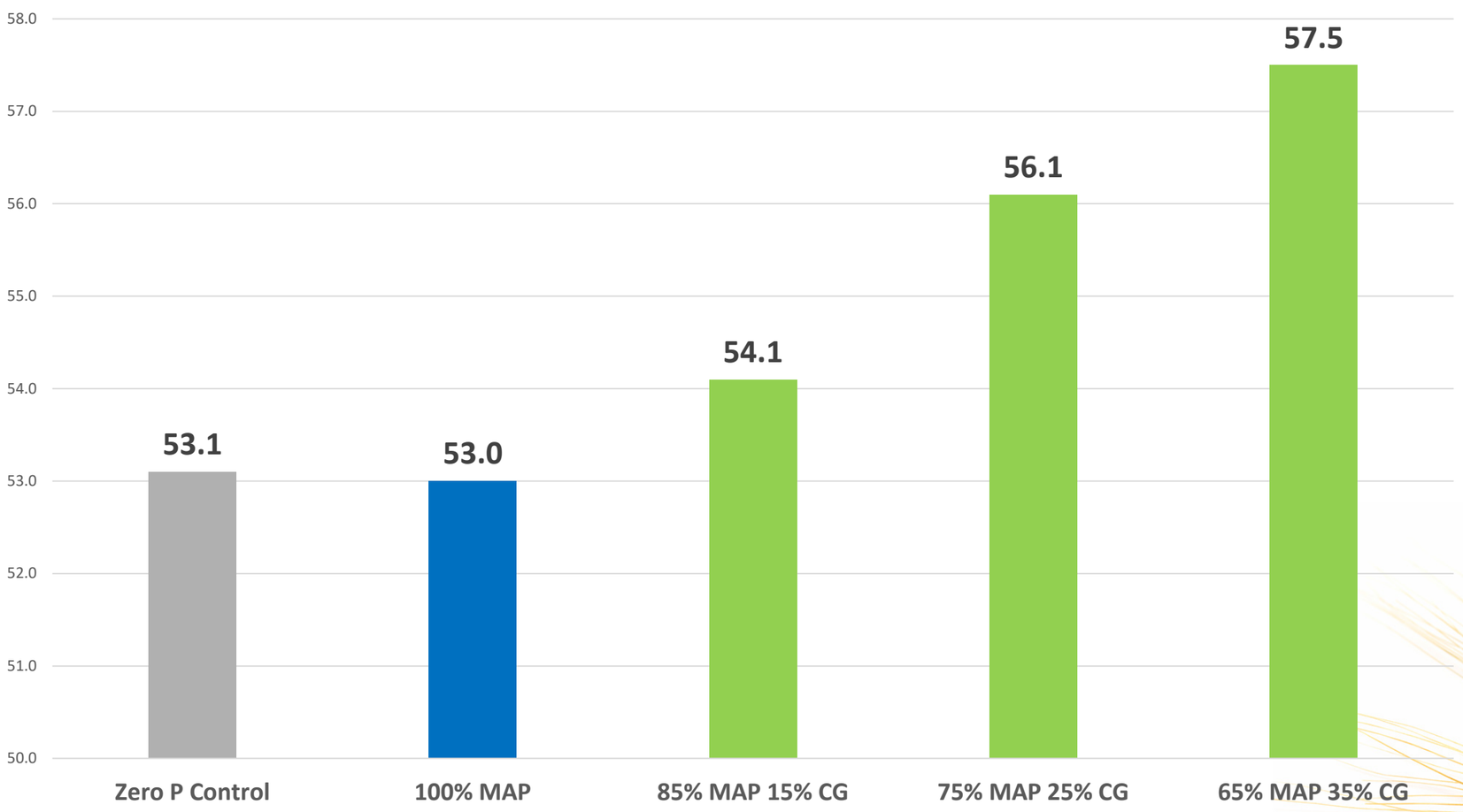
23,200 Additional Plants per acre

Soil pH = 7.9
Soil Test P = 16 ppm
Total P Rate = 38 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

Resulting Yield Effects

2018 Spring Wheat Trial by AgQuest in Minto, Manitoba



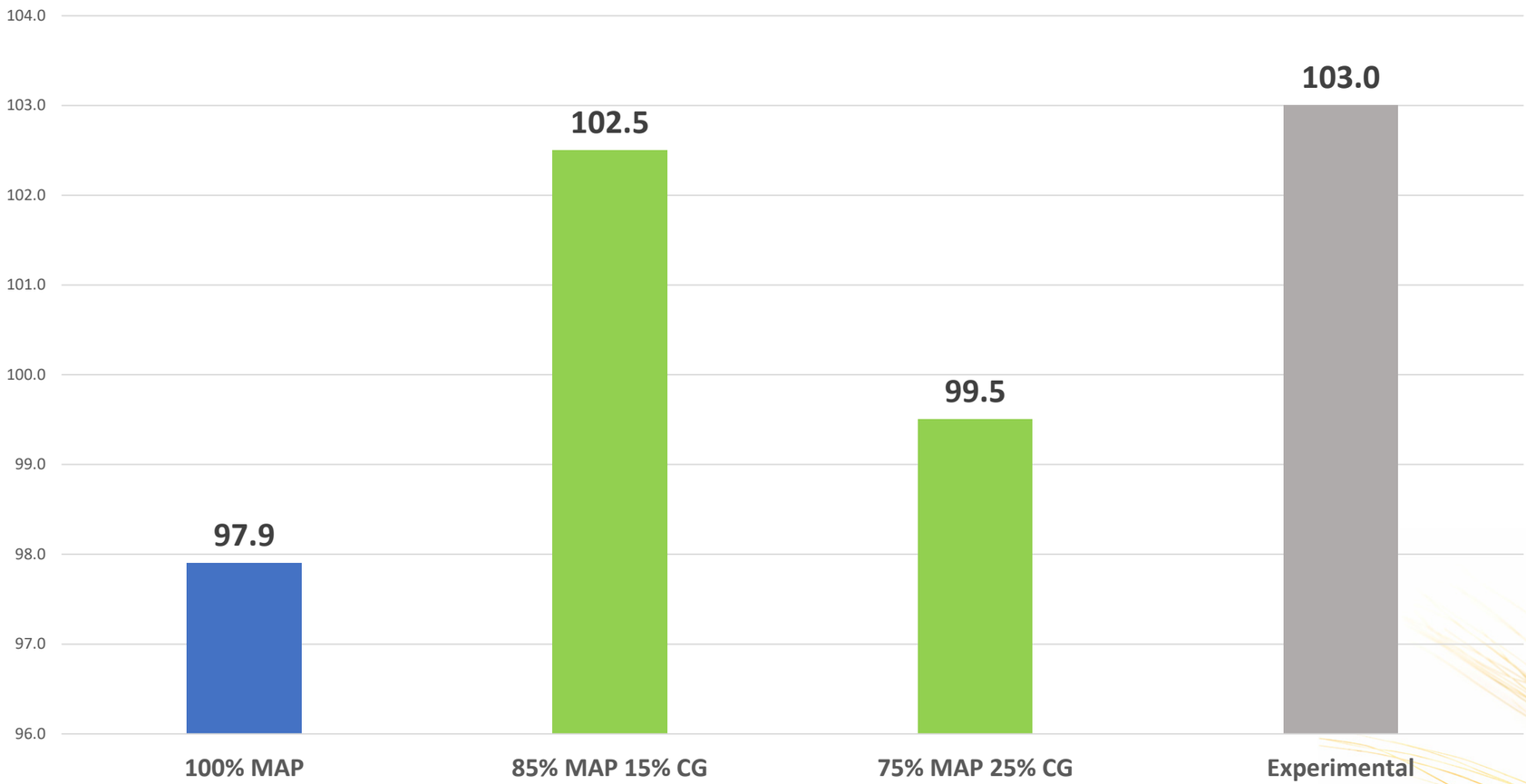
2.9
Bushel
Average
Gain

Soil pH = 7.9
Soil Test P = 16 ppm
Total P Rate = 38 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

What does this show?

2018 Spring Wheat Trial by ICMS in Portage La Prairie, Manitoba



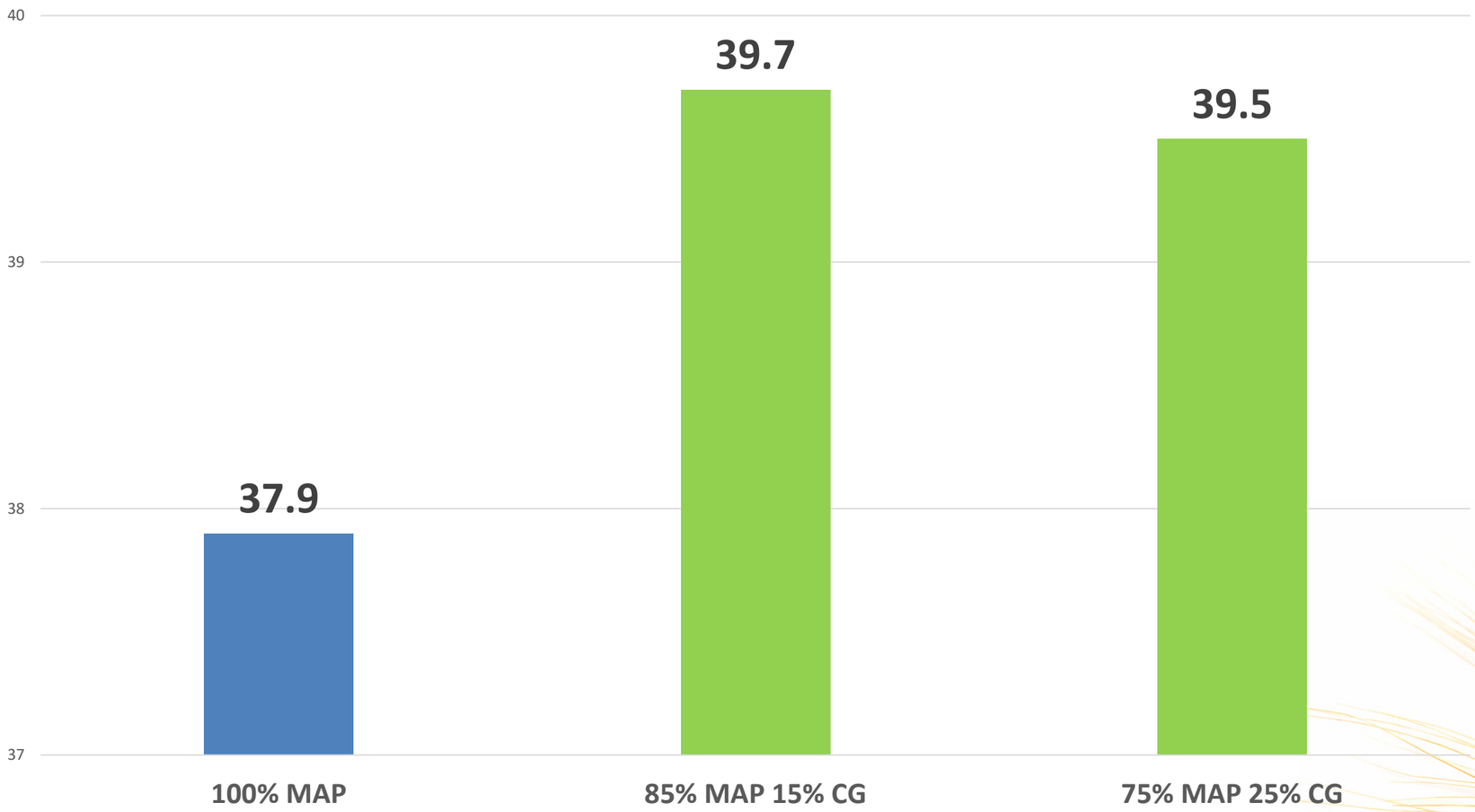
3.1
Bushel
Average
Gain

Soil pH = 7.9
Soil Test P = 6 ppm
Total P Rate = 40 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

What does this show?

2018 Spring Wheat Trial by AgQuest in Saskatoon, Saskatchewan



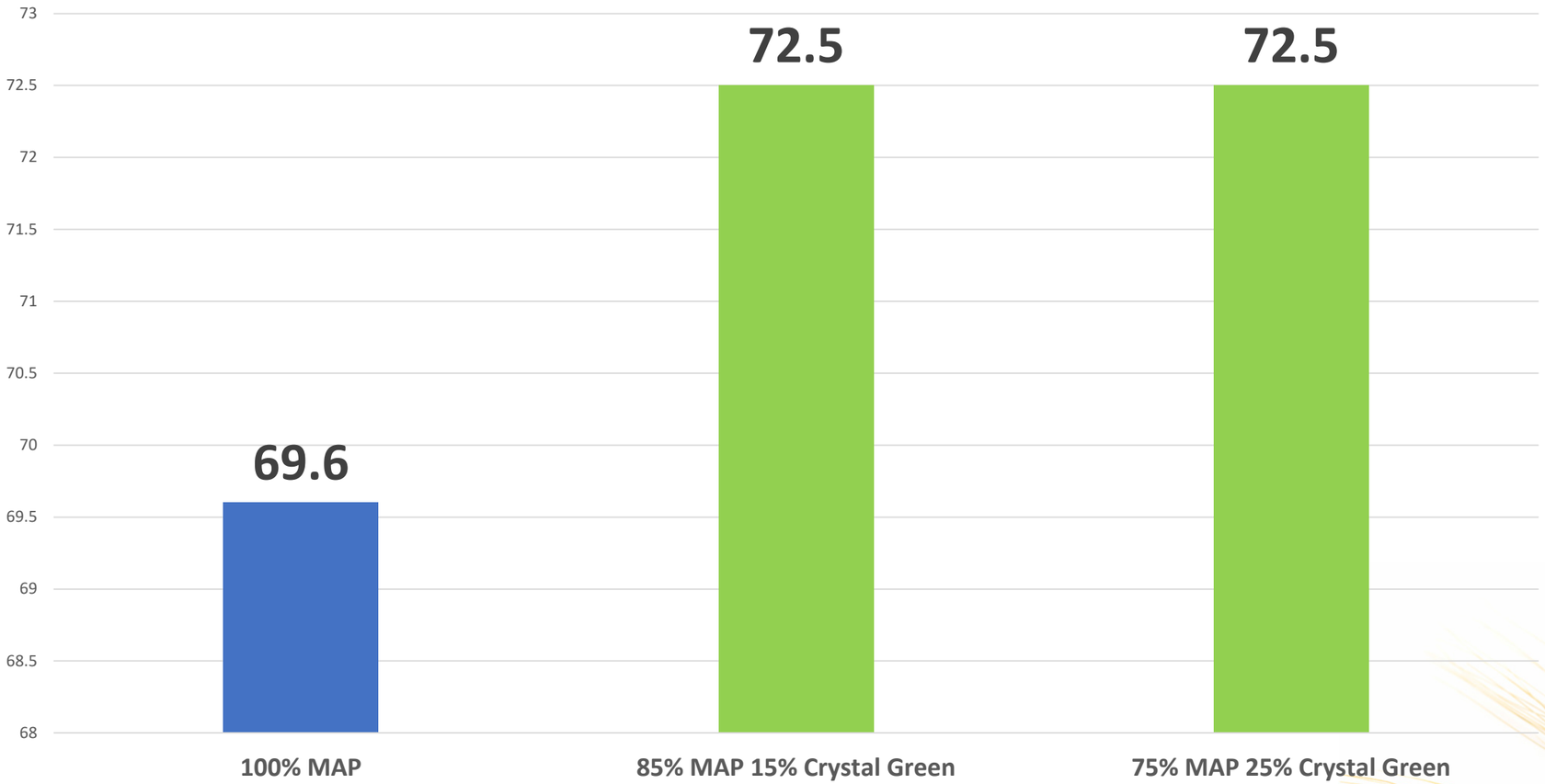
1.7
Bushel
Average
Gain

Soil pH = 6.1
Soil Test P = 13 ppm
Total P Rate = 34 pounds per acre

CrystalGreen®
5-28-0 with 10%Mg

What does this show?

2018 Spring Wheat Trial by Vision Research in Minot, North Dakota



2.9
Bushel
Gain

Soil pH = 7.7
Soil Test P = 8 ppm
Total P Rate = 35 pounds per acre

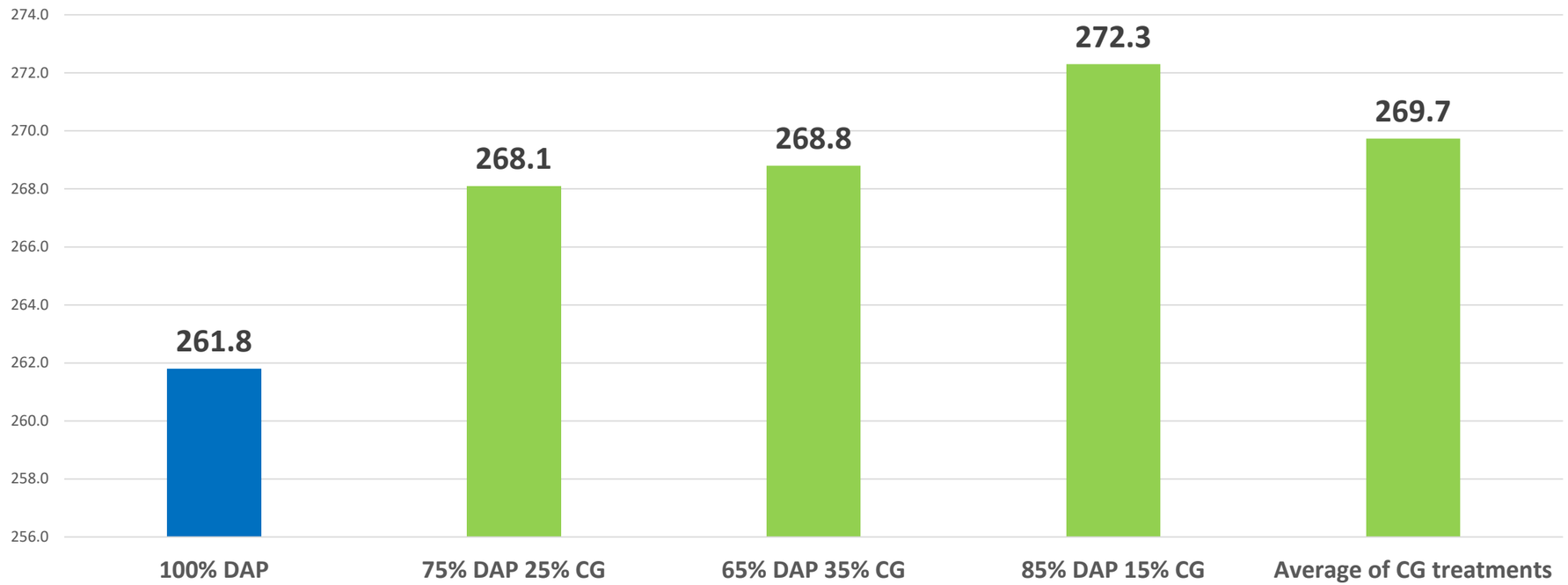
CrystalGreen®
5-28-0 with 10%Mg

Corn

University Trial Results
2018

2018 Corn Banded Trial

Dr. Fred Below (IL)



7.9 bushel gain
Over 100% DAP

All treatments with Crystal Green are statistically significant over 100% DAP
Soil pH: <6.4
Soil Test P: low –medium
Total Season P: 100 pounds

CrystalGreen®
5-28-0 with 10%Mg

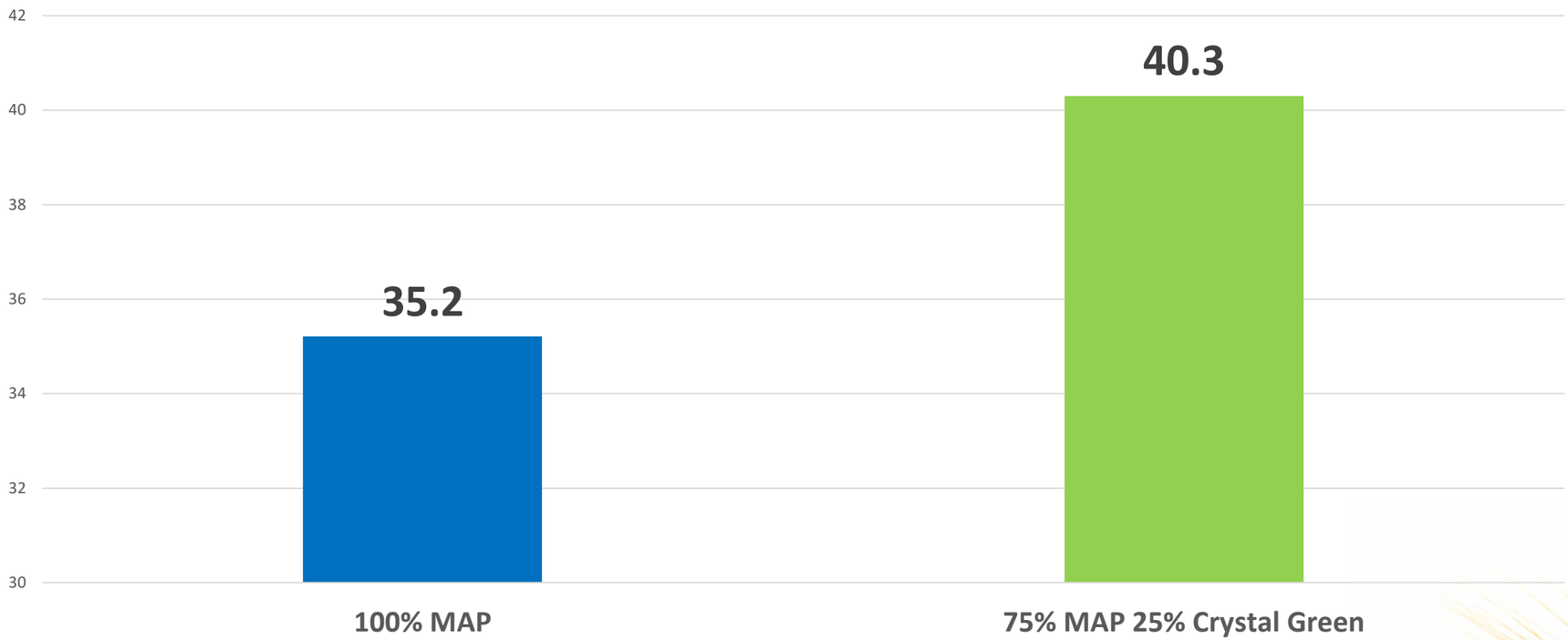
Lentils

Research Summary 2018

CrystalGreen®
5-28-0 with 10%Mg

2018 Lentil Trials

2018 Lentil Trial by AgQuest in Saskatoon, Saskatchewan



5.1
Bushel
Increase

Total P = 34 pounds
Soil pH = 6.1
Soil Test P = 26 ppm
Variety = Clearfield Proclaim

CrystalGreen®
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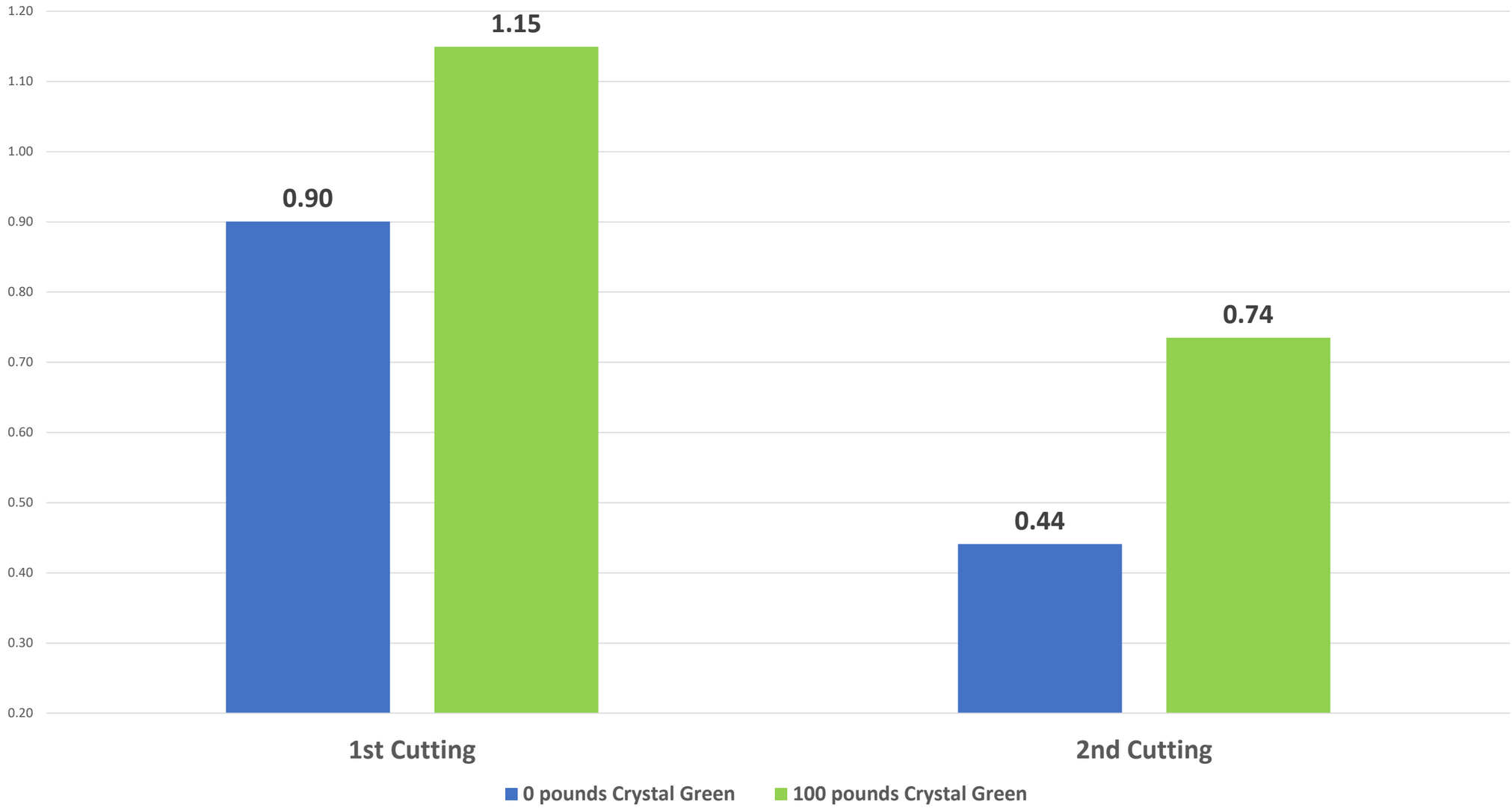
Alfalfa

Research Summary | University of Manitoba

2017 and 2018

CrystalGreen®
5-28-0 with 10%Mg

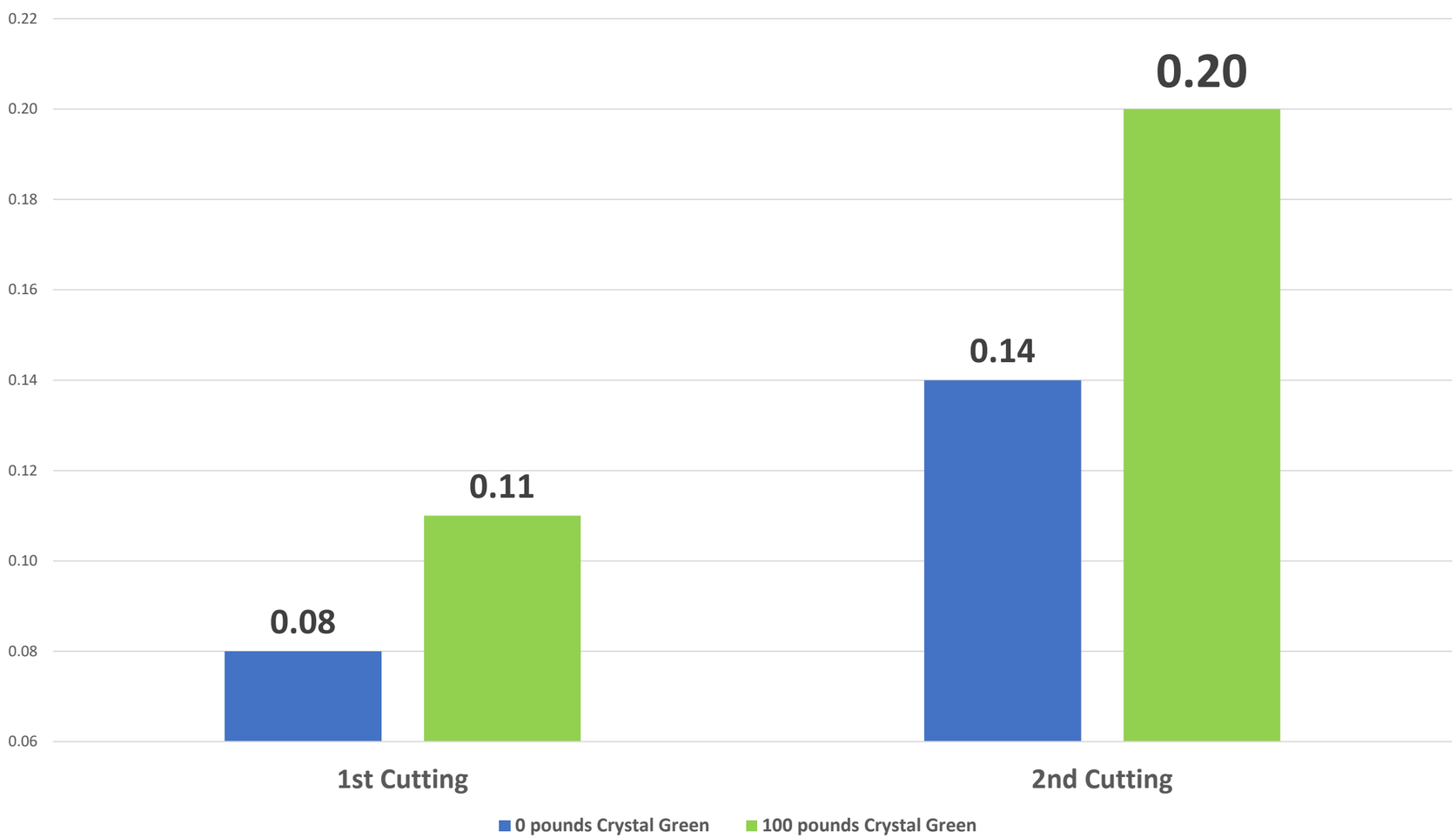
2017 - Crystal Green Yield Gains (tons per acre)



Site: Libau, MB
Soil pH = 8.1
Soil Test P = 3 ppm

CrystalGreen®
5-28-0 with 10%Mg

Crystal Green Effects on Tissue P Concentration %

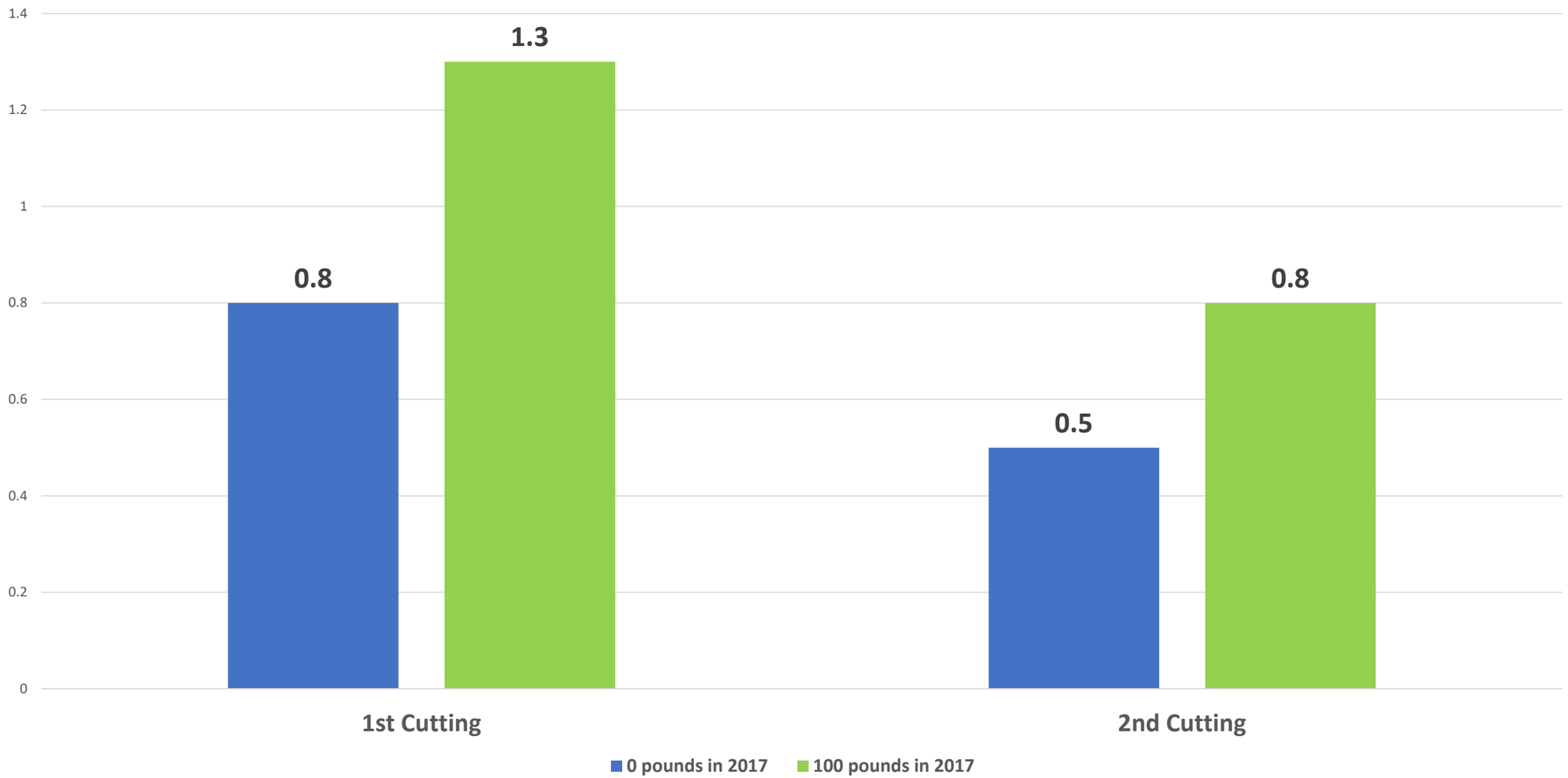


Critical Harvest Stage P Level Achieved

Site: Libau, MB
Soil pH = 8.1
Soil Test P = 3 ppm

CrystalGreen®
5-28-0 with 10%Mg

2018 - Crystal Green Yield Gains (tons per acre)



Site: Libau, MB
Soil pH = 8.1
Soil Test P = 3 ppm

CrystalGreen®
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Field Peas

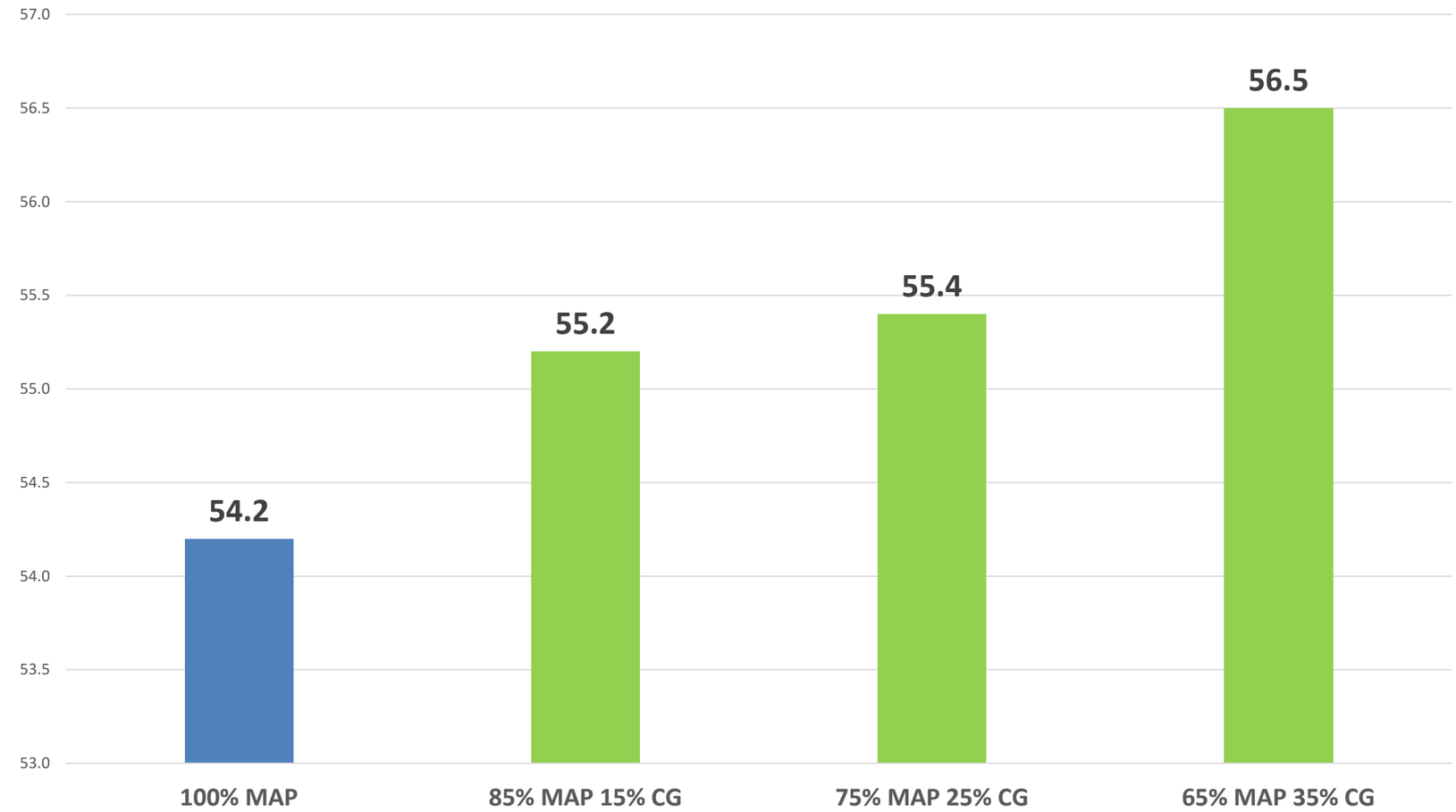
Research Summary

2017-18

CrystalGreen®
5-28-0 with 10%Mg

2017 Field Pea Trials

Field Pea Replicated Trial by AgQuest, Saskatoon, SK



2.2
bushel
Increase

Soil pH = 6.1
Soil Test P = 15 ppm
Total Crop P = 30 pounds per acre

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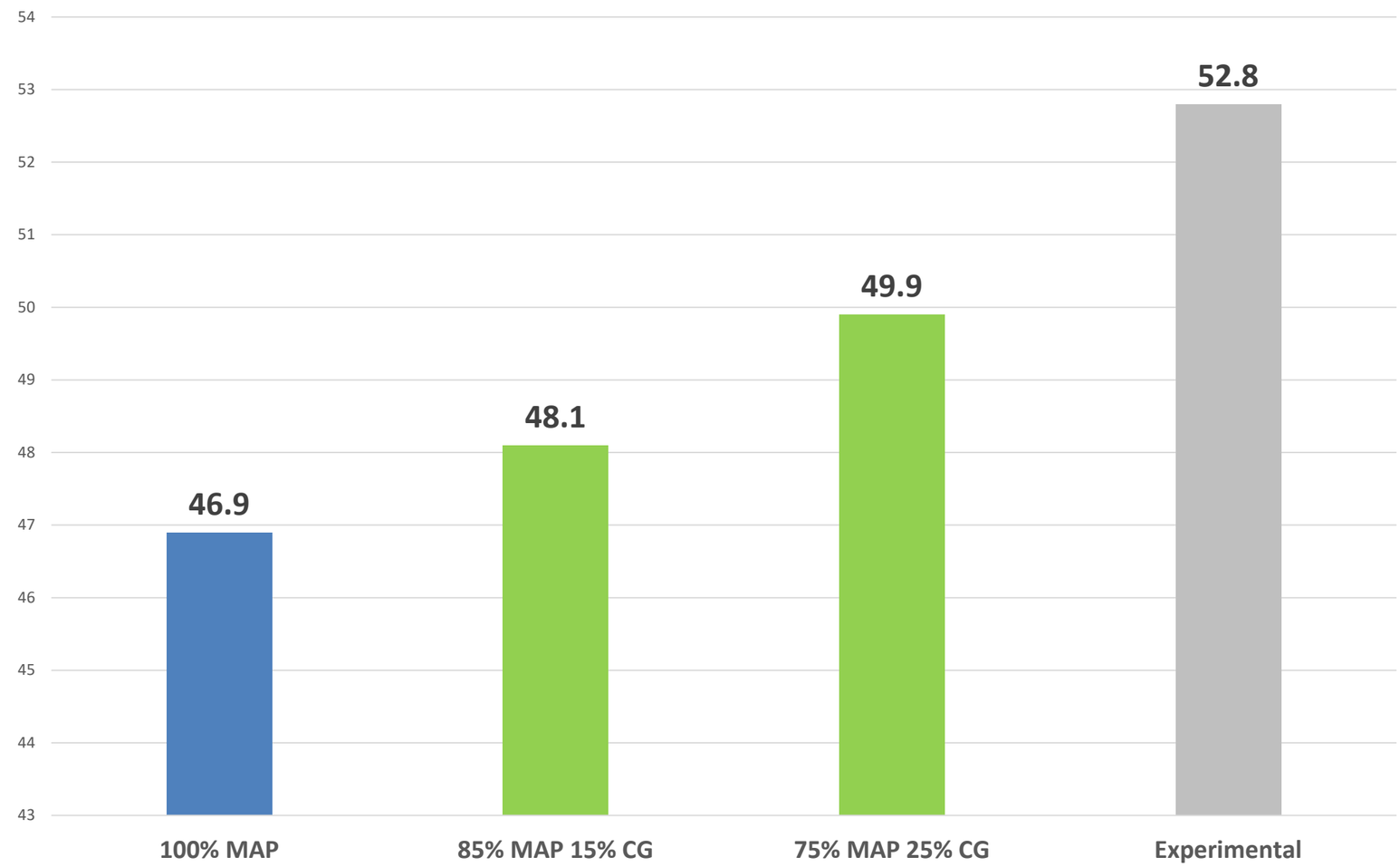
2018 Field Pea Trials

Field Pea Replicated Trial by AgQuest, Saskatoon, SK



3.0
Bushel
Increase

Soil pH = 6.1
Soil Test P = 13 ppm
Total Crop P = 35 pounds per acre

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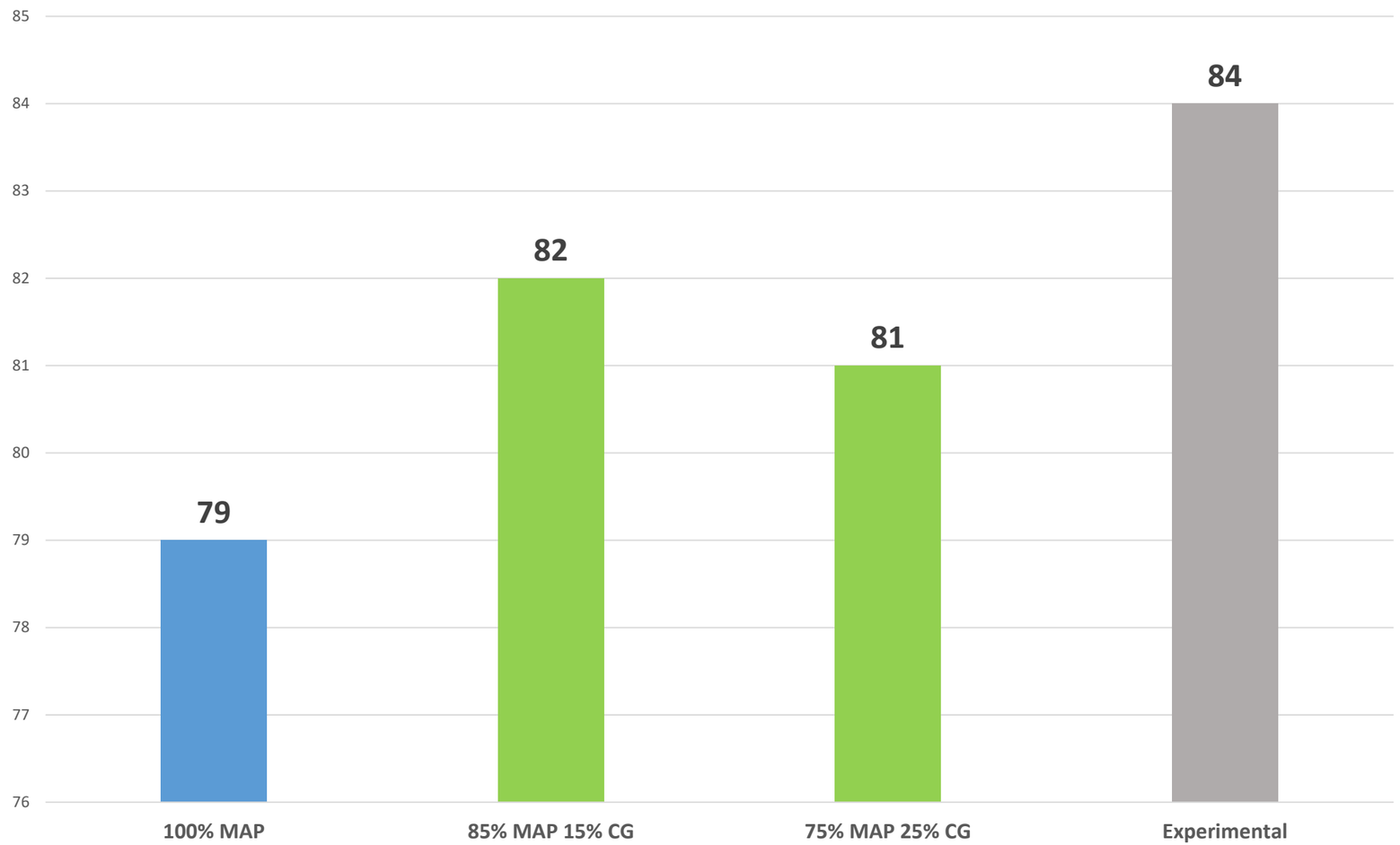
2018 Field Pea Trials

Field Pea Replicated Trial by Vision Research, Minot, ND



2 - 3
Bushel
Increase

Soil pH = 7.9
Soil Test P = 7 ppm
Total Crop P = 31 pounds per acre

crystalgreen@Taurus.ag
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Interested in learning more?

Contact us: crystalgreen@taurus.ag