

AGTIV®



RAPPORT D'EFFICACITÉ 2026
CORN



CORN

AVERAGE YIELD INCREASE

AGTIV[®]
IGNITE

7.2 **bu/ac**
4.2%

452 kg/ha
18 sites over 4 years
Canada



EFFICACY REPORT

SUMMARY – SERENDIPITA INOCULANT

► PLOT TRIALS

Research partners:

- BlackCreek Research Inc.;
- ICMS;
- New-Marc Research;
- Groupe PleineTerre;
- Tall Pines Agricultural Research Ltd.;
- Wellington Agricultural Research.

Research sites:

- Manitoba;
- Ontario;
- Quebec.

Treatments*:

a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer's recommended rate.

Experimental design:

- Randomized Complete Block Design: 12 trials (6-8 repetitions each)
- Split plots: 6 trials (6 repetitions each)

Table 1. Summary of yield (bu/ac) per trial

Year	Sites	Variety	Untreated check yield (bu/ac)	AGTIV IGNITE® L yield (bu/ac)	Yield increase (bu/ac)
2021	Saint Marc	NK8618-5122A	157.9	158.9	1
	Sherrington	Dekalb 46-17	158.7	163.9	5.2
	Bright	DKB48-56RIB	245.4	251.7	6.3
	Carlisle	DKC 35-37 RIB	183.1	197.9	14.8
2022	Rockwood	Pionner 7527 PM	128.8	134.8	6
	Bright	Maizex 3120	158.9	167.1	8.2
	Elm Creek	PV 62181SRIB	152.8	153.5	0.7
2023	Portage la Prairie	CP2123VT2P/RIB	152.6	159.3	6.7
	Saint Marc	NK8519-DV	107.3	113.7	6.4
	Alma	Pioneer P7005	91.2	99.8	8.6
	Rockwood	Pioneer 8922AM	196.4	220.9	24.5
	Bright	DL 4555	227.5	232.1	4.6
	Sherrington	DKC 4640	163.8	170.2	6.4
2024	Sherrington	Dekalb 56-40	218.2	219.3	1.1
	Saint Marc	DK 44-13	109.9	116.1	6.2
	Bright	MZ3505 BDR RIB	229.5	236	6.5
	Bright	P9466 AML	227.2	235.6	8.4
	Carlisle	DKC 30-63 RIB	201.2	209.3	8.1
Total	18 sites		172.8	180	7.2 bu/ac*

* Yields are statistically different according to an ANOVA & a Tukey HSD test (p≤05).

► PLOT TRIAL

Research partner:	Groupe PleineTerre
Research site:	Sherrington, QC
Treatments*:	a) Untreated check; b) AGTIV IGNITE® L.
	*Products applied according to the manufacturer’s recommended rate.
Experimental design:	Randomized Complete Block Design, 6 repetitions, 30 m² plots.
Variety:	Dekalb 56-40 treated with Accelaron
Previous crop:	Soybean
Seeding details:	Seeded on May 20 with a four-row planter at a rate of 10.5 kg/ac in a loam soil (pH: 7.3, OM: 3.4%). Emergence on May 29.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation:	17.7-17.7-10.6-1.1Ca-0.7Mg-4.1S (335 kg/ha) applied at seeding; 46-0-0 (326 kg/ha) applied post emergence.
Pesticides:	Roundup (1 L/ha): May 20
Harvesting:	October 18, 2024

Month	Precipitation (mm)
May	28.7
June	128.2
July	211.8
August	186.6
September	67.1
October	31.3
TOTAL	653.7

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	218.2	-
AGTIV IGNITE® L	219.3	1.1

Table 2. Summary of grain starch content per treatment

Treatment	Starch (%)	Starch increase (%)
Untreated check	68.7	
AGTIV IGNITE® L	69.8	1.1

► PLOT TRIAL

Research partner: Wellington Agricultural Research

Research site: Carlisle, ON

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer’s recommended rate.

Experimental design: Split-plot,
6 repetitions, 18 m² plots.

Variety: DKC 30-63 RIB

Previous crop: Soybean

Seeding details: Seeded on June 5 with a cone planter at a rate of 32 000 seeds/ac
in a loam soil (pH: 7.3, OM: 3.4%).
Emergence on June 12.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 46-0-0 (326 lb/ac) and 5-27-27 (227 lb/ac): June 4

Pesticides: Roundup WeatherMax (2 L/ha): June 18 and July 8

Harvesting: October 31, 2024

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	201.2	-
AGTIV IGNITE® L	209.3	8.1

Month	Precipitation (mm)
June	103.6
July	176.4
August	67.6
September	2.6
October	14.7
TOTAL	362.9

► PLOT TRIAL

Research partner: BlackCreek Research Inc.

Research site: Bright, ON

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer’s recommended rate.

Experimental design: Split-plot,
6 repetitions, 24 m² plots.

Variety: MZ3505 BDR RIB treated with Vibrance Cinco

Previous crop: Soybean

Seeding details: Seeded on May 17 with a four-row planter at a rate of 9.6 kg/ac in a sandy loam soil (pH: 7, OM: 2.8%).
Emergence on May 24.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 180-67-75-22 kg/ha actual NPKS

Pesticides:

- Primextra II Magnum (4l/ha): May 23
- Eragon LQ (300 ml/ha): May 23
- Roundup WeatherMax (1.67 L/ha): July 7
- Delaro Complete (586 ml/ac): July 29
- Proline (210 ml/ac): July 29

Harvesting: October 28, 2024

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	229.5	-
AGTIV IGNITE® L	236	6.5

Month	Precipitation (mm)
May	104.8
June	112.8
July	216.6
August	99.8
September	21.8
October	43
TOTAL	598.8

EFFICACY REPORT
2024 – SERENDIPITA INOCULANT

► PLOT TRIAL

Research partner:

BlackCreek Research Inc.

Research site:

Bright, ON

Treatments*:

a) Untreated check;
b) AGTIV IGNITE® L.

Experimental design:

Split-plot,
6 repetitions, 24 m² plots.

Variety:

P9466 AML treated with Lumigen

Previous crop:

Winter wheat

Seeding details:

Seeded on May 16 with a four-row planter at a rate of
9.6 kg/ac in a clay loam soil (pH: 7.8, OM: 4.1%).
Emergence on May 23.

*Products applied according to the manufacturer’s recommended rate.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation:

180-67-75-22 kg/ha actual NPKS

Pesticides:

- Roundup WeatherMax (1.67 L/ha): May 7
- Primextra II Magnum (4 L/ha): May 20
- Eragon LQ (300 ml/ha): May 20
- Delaro Complete (586 ml/ac): August 6

Harvesting:

October 27, 2024

Month	Precipitation (mm)
May	104.8
June	112.8
July	216.6
August	99.8
September	21.8
October	43
TOTAL	598.8

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	227.2	-
AGTIV IGNITE® L	235.6	8.4

Table 2. Summary of grain starch content per treatment

Treatment	Starch (%)	Starch increase (%)
Untreated check	55.3	
AGTIV IGNITE® L	59.1	3.8

► PLOT TRIAL

Research partner:	New-Marc Research
Research site:	Saint-Marc-sur-Richelieu, QC
Treatments*:	a) Untreated check; b) AGTIV IGNITE® L.
*Products applied according to the manufacturer's recommended rate.	
Experimental design:	Split plot, 6 repetitions, 18 m² plots.
Variety:	DK 44-13
Previous crop:	Soybean
Seeding details:	Seeded on May 24 with a cone planter at a rate of 9.7 kg/ac in a clay soil (pH: 6.1, OM: 5.1%). Emergence on June 1.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation:	14.6-21.8-12.8 (335 kg/ha) and 46-0-0 (217 kg/ha): June 21
Pesticides:	Credit Xtreme (2.5 L/ha): June 22
Harvesting:	October 21, 2024

Month	Precipitation (mm)
May	61.1
June	176.3
July	130.8
August	232.6
TOTAL	600.6

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	109.9	-
AGTIV IGNITE® L	116.1	6.2

► PLOT TRIAL

Research partner:	ICMS
Research site:	Portage la Prairie, MB
Treatments*:	a) Untreated check; b) AGTIV IGNITE® L.
*Products applied according to the manufacturer's recommended rate.	
Experimental design:	Randomized Complete Block Design, 6 repetitions, 18 m ² plots.
Variety:	CP2123VT2P/RIB treated with Acceleron and Nutriseed Zn
Previous crop:	Potato
Seeding details:	Seeded on June 1 with a cone planter at a rate of 33.8 lb/ac in a fine loam soil (pH: 7.9, OM: 3.5%). Emergence on June 8.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation:	Blend at rate of 138, 84, 33.6 and 22.4 kg/ha N-P-K-S: May 19
Pesticides:	Roundup WeatherMAX (1.67 L/ha): June 16 & August 3
Harvesting:	November 13, 2023

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	152.6	
AGTIV IGNITE® L	159.3	6.7

Month	Precipitation (mm)
June	23.3
July	23.4
August	24.1
September	24.1
October	65.3
November	8.8
TOTAL	169

► PLOT TRIAL

Research partner: Tall Pines Agricultural Research Ltd.

Research site: Rockwood, ON

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer's recommended rate.

Experimental design: Randomized Complete Block Design,
6 repetitions, 18 m² plots.

Variety: Pioneer 8922AM

Previous crop: Winter wheat

Seeding details: Seeded on June 2 with a finger pickup planter at a rate of
33 500 seeds/ac in a sandy loam (pH: 7.2, OM: 3.4%).
Emergence on June 10.

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	196.4	
AGTIV IGNITE® L	220.9	24.5

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 120 - 52 - 60 (516 kg/ha): May 15

Pesticides: • Acuron (4.91 L/ha): June 13
• Roundup WeatherMAX (2.47 L/ha): June 13 & July 10

Harvesting: November 26, 2023

Month	Precipitation (mm)
June	75.6
July	162.8
August	86.5
September	16.2
October	45.9
November	28
TOTAL	415

EFFICACY REPORT
2023 – SERENDIPITA INOCULANT

► PLOT TRIAL

Research partner:	BlackCreek Research Inc.
Research site:	Bright, ON
Treatments*:	a) Untreated check; b) AGTIV IGNITE® L.
*Products applied according to the manufacturer’s recommended rate.	
Experimental design:	Split plot, 6 repetitions, 24 m² plots.
Variety:	DL 4555
Previous crop:	Winter wheat
Seeding details:	Seeded on May 29 with a cone planter at a rate of 27 lb/ac in a sandy loam soil (pH: 7.5, OM: 3.1%). Emergence on June 6.

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	227.5	
AGTIV IGNITE® L	232.1	4.6

OPERATIONAL NOTES AND RAIN FALL

Fertilisation:	24.3-10.8-14.6-2.2S-1Mg (725 lb/ac): May 29	<table><tr><th>Month</th><th>Precipitation (mm)</th></tr><tr><td>May</td><td>47</td></tr><tr><td>June</td><td>92.8</td></tr><tr><td>July</td><td>227</td></tr><tr><td>August</td><td>130.2</td></tr><tr><td>TOTAL</td><td>497</td></tr></table>	Month	Precipitation (mm)	May	47	June	92.8	July	227	August	130.2	TOTAL	497
Month	Precipitation (mm)													
May	47													
June	92.8													
July	227													
August	130.2													
TOTAL	497													
Pesticides:	• Primextra II Magnum (4l/ha): May 29 • Eragon LQ (0.3 L/ha): May 29													
Harvesting:	November 11, 2023													

► PLOT TRIAL

Research partner:	Groupe PleineTerre
Research site:	Saint-Patrice-de-Sherrington, QC
Treatments*:	a) Untreated check; b) AGTIV IGNITE® L.
*Products applied according to the manufacturer's recommended rate.	
Experimental design:	Split plot, 6 repetitions, 30 m² plots.
Variety:	DKC 4640 treated with Acceleron
Previous crop:	Soybean
Seeding details:	Seeded on May 11 with a four- row planter at a rate of 35 000 seeds/ac in a soil sandy loam (pH: 7, OM: 5%). Emergence on May 23.

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	163.8	
AGTIV IGNITE® L	170.2	6.4

Table 2. Summary of grain starch content per treatment

Treatment	Starch (%)	Starch increase (%)
Untreated check	70.8	
AGTIV IGNITE® L	71.8	1

OPERATIONAL NOTES AND RAIN FALL

Fertilisation:	• 40 -48 - 24 - 9.1S (230 kg/ha): May 10 • 46-0-0 (245 kg/ha): June 6
Pesticides:	Glyphosate (1.4 L/ac): May 18
Harvesting:	October 20, 2023

Month	Precipitation (mm)
May	40.9
June	92.6
July	199.2
August	132.8
September	20.9
October	148.7
TOTAL	635.1

► PLOT TRIAL

Research partner: Wellington Agricultural Research.

Research site: Alma, ON

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer's recommended rate.

Experimental design: Randomized Complete Block Design,
6 repetitions, 18 m² plots.

Variety: Pioneer P7005

Previous crop: Soybean

Seeding details: Seeded on May 26 with a cone planter at a rate of 37 000 seeds/ac
in a loam soil (pH: 7.6, OM: 2.6%).

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	91.2	
AGTIV IGNITE® L	99.8	8.6

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 46-0-0 (330 lb/ac) and 5-27-27 (2220 lb/ac): May 15

Pesticides: Roundup WeatherMAX (1.67 L/ha): June 8

Harvesting: October 28, 2023

Month	Precipitation (mm)
May	38.7
June	79.3
July	168.6
August	115.8
September	40.3
TOTAL	442.7

EFFICACY REPORT
2023 – SERENDIPITA INOCULANT

► PLOT TRIAL

Research partner: New-Marc Research

Research site: St-Marc-sur-Richelieu, QC

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer’s recommended rate.

Experimental design: Randomized Complete Block Design, 6 repetitions, 24 m² plots.

Variety: NK8519-DV

Previous crop: Soybean

Seeding details: Seeded on May 29 with a plot planter at a rate of 80 000 seeds/ha in a clay soil (pH: 6.1, OM: 3.2%).
Emergence on June 5.

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	107.3	-
AGTIV IGNITE® L	113.7	6.4

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: • 14.5-21.7-12.7 (345 kg/ha): May 29
• 46-0-0 (217 kg/ha): June 21

Pesticides: Roundup WeatherMAX (2.5 L/ha): June 22

Harvesting: November 5, 2023

Month	Precipitation (mm)
May	51.6
June	111.5
July	218.9
August	126.8
September	42.8
October	222.8
TOTAL	774.4

EFFICACY REPORT
2022 – SERENDIPITA INOCULANT

► PLOT TRIAL

Research partner: BlackCreek Research Inc.

Research site: Bright, ON

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer’s recommended rate.

Experimental design: Randomized Complete Block Design,
6 repetitions, 24 m² plots.

Variety: MZ 3120 SMX

Previous crop: Soybean

Seeding details: Seeded on May 24 with a cone planter at a rate of 9.7 kg/ac in a
sandy loam soil (pH: 7.5, OM: 3.2%).
Emergence on June 2.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 24.5-10.8-14.6-2.2S-1Mg (725 lb/ac): May 17

Pesticides:

- Primextra II Magnum (4 L/ha): May 29
- Roundup Transorb (1.67 L/ha): June 24

Harvesting: November 11, 2022

Month	Precipitation (mm)
May	82
June	56.8
July	48.2
August	83.6
September	52.6
October	54.6
TOTAL	377.8

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	158.9	-
AGTIV IGNITE® L	167.1	8.2

► PLOT TRIAL

Research partner: Tall Pines Agricultural Research

Research site: Rockwood, ON

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer's recommended rate.

Experimental design: Randomized Complete Block Design,
6 repetitions, 18 m² plots.

Variety: Pioneer 7527 AM treated with Lumivia

Previous crop: Soybean

Seeding details: Seeded on June 20 with a cone planter at a rate of 10.2 kg/ac in a
sandy loam soil (pH: 7.2, OM: 3.4%).
Emergence on June 28.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 120-70-90 (610 kg/ha): May 5

Pesticides: • Acuron (4.91 L/ha): July 18
• Roundup WeatherMax (2.47 L/ha): July 18

Harvesting: December 7, 2022

Month	Precipitation (mm)
June	42.8
July	24
August	90
TOTAL	156.8

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	128.8	-
AGTIV IGNITE® L	134.8	6

► PLOT TRIAL

Research partner: Ag-Quest

Research site: Elm Creek, MB

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer's recommended rate.

Experimental design: Randomized Complete Block Design,
6 repetitions, 22.5 m² plots.

Variety: PV 62181SRIB treated with Acceleron

Previous crop: Oats

Seeding details: Seeded on May 26 with a two-row plot planter at a rate of
23.7 kg/ha in a sandy loam soil (pH: 8.2, OM: 3%).
Emergence on June 9.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 59-39-62 kg/ha actual NPK sidebanded at seeding

Pesticides: Roundup WeatherMax (1.67 L/ha): June 24

Harvesting: October 18, 2022

Month	Precipitation (mm)
May	121.2
June	65.8
July	93.6
August	59.4
September	27.6
October	1.4
TOTAL	369

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	152.8	-
AGTIV IGNITE® L	153.5	0.7

► PLOT TRIAL

Research partner: BlackCreek Research Inc.

Research site: Bright, ON

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer's recommended rate.

Experimental design: Randomized Complete Block Design,
8 repetitions, 24 m² plots.

Variety: DBB48-56 RIB treated with Acceleron

Previous crop: Soybean stubble

Seeding details: Seeded on May 20 with a four-row cone seeder at a rate of
9.7 kg/ac in a sandy loam soil (pH: 7.5, OM: 3.2%).
Emergence on May 30.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: None

Pesticides:

- Primextra II Magnum (4 L/ha): May 19
- Eragon LQ (200 ml/ha): May 19
- Roundup Transorb (1.67 L/ha): June 23

Harvesting: November 3, 2021

Month	Precipitation (mm)
May	26.4
June	86.3
July	84.6
August	23.2
September	148.8
TOTAL	369.3

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	245.4	-
AGTIV IGNITE® L	251.7	6.3

EFFICACY REPORT
2021 – SERENDIPITA INOCULANT



► PLOT TRIAL

Research partner:	Wellington Agricultural Research.
Research site:	Carlisle, ON
Treatments*:	a) Untreated check; b) AGTIV IGNITE® L.
*Products applied according to the manufacturer’s recommended rate.	
Experimental design:	Randomized Complete Block Design, 8 repetitions, 24 m² plots.
Variety:	DKC 35-37 RIB treated with Acceleron
Previous crop:	Soybean
Seeding details:	Seeded on May 23 with a cone planter at a rate of 9.6 kg/ac in a loam soil (pH: 7.7, OM: 1.7%). Emergence on May 30.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation:	46-0-0 (330 lb/ac) and 5-27-27 (220 lb/ac): May 21
Pesticides:	Roundup WeatherMax (2 L/ha): June 13 and July 14
Harvesting:	October 11, 2021

Month	Precipitation (mm)
May	34.8
June	98.8
July	99.1
August	60.9
September	183.8
TOTAL	477.4

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	183.1	-
AGTIV IGNITE® L	197.9	14.8

EFFICACY REPORT
2021 – SERENDIPITA INOCULANT



► PLOT TRIAL

Research partner: New-Marc Research Inc

Research site: Saint-Marc-sur-Richelieu, QC

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer’s recommended rate.

Experimental design: Randomized Complete Block Design,
8 repetitions, 15 m² plots.

Variety: NK8618-5122A treated with Fortenza Maxim Quatro and
Vibrance 500 FS

Previous crop: Soybean

Seeding details: Seeded on May 15 with a cone planter at a rate of 24 kg/ha in a
clay soil (pH: 6.6, OM: 3.7%).
Emergence on May 22.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 16.9-22-12.7 (360 kg/ha) sidebanded at seeding and
46-0-0 (240 kg/ha): June 18

Pesticides: Roundup Transorb (2.5 L/ha): June 9

Harvesting: October 12, 2021

Month	Precipitation (mm)
May	15.9
June	56.3
July	47.4
August	49.2
September	55.0
TOTAL	223

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	157.9	-
AGTIV IGNITE® L	158.9	1

► PLOT TRIAL

Research partner: Groupe PleineTerre

Research site: Sherrington, QC

Treatments*: a) Untreated check;
b) AGTIV IGNITE® L.

*Products applied according to the manufacturer's recommended rate.

Experimental design: Randomized Complete Block Design,
6 repetitions, 30 m² plots.

Variety: DKC 46-17RIB treated with Acceleron

Previous crop: Soybean

Seeding details: Seeded on May 13 with a four-row planter at a rate of 25.9 kg/ha
in a sandy loam soil (pH: 6.3, OM: 5.1%).

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 17.4-20.4-11.2 (295 kg/ha) at seeding
plus 46-0-0 (325 kg/ha): June 11

Pesticides: None

Harvesting: October 29, 2021

Month	Precipitation (mm)
May	3.5
June	26.2
July	48.8
August	62
September	65.3
October	154.5
TOTAL	360.3

Table 1. Summary of yields per treatment

Treatment	Yield (bu/ac)	Yield increase (bu/ac)
Untreated check	158.7	-
AGTIV IGNITE® L	163.9	5.2

EFFICACY REPORT 2026

CONTACT OUR DEDICATED TEAM TODAY.
WE CARE ABOUT YOUR SUCCESS!



PEOPLE AND TECHNOLOGIES MAKING A DIFFERENCE

At Premier Tech, we are all about making a difference by connecting People and Technologies for more than 100 years. One team driven by a shared will to deliver sustainable solutions that help feed, protect and improve our world. Premier Tech has a wide range of products, services, brands, and technologies allowing to increase crop yields, bring beautiful gardens to life, automate the handling and packaging operations of many manufacturing facilities, treat and recycle water, support companies in their digital transformation, and offer bio-ingredients for the well-being of humans and animals.



PT Growers and Consumers

World Headquarters
1 avenue Premier
Campus Premier Tech
Rivière-du-Loup (Québec)
G5R 6C1 CANADA



PTAGTIV.COM
1 866 454-5867
info@ptagtiv.com

The information in this document was up-to-date at the time of printing. Because of its continuous improvement policy, Premier Tech Ltd. and its affiliated companies reserve the right to halt manufacturing, change products, or revise technical data and prices without further warning or liability. Printed in Canada. © 2026 Premier Tech Ltd. All rights reserved. AGTIV®, AGTIV ENRICH®, AGTIV FUEL®, AGTIV IGNITE®, AGTIV REACH®, AGTIV STIMULATE® and AGTIV THRIVE® are registered trademarks of Premier Tech Ltd.; they are used under license by Premier Horticulture Ltd.

RD20260219