



ON SEED PACKAGE

CANOLA



2022 SEASON



ON SEED PACKAGE **CANOLA**

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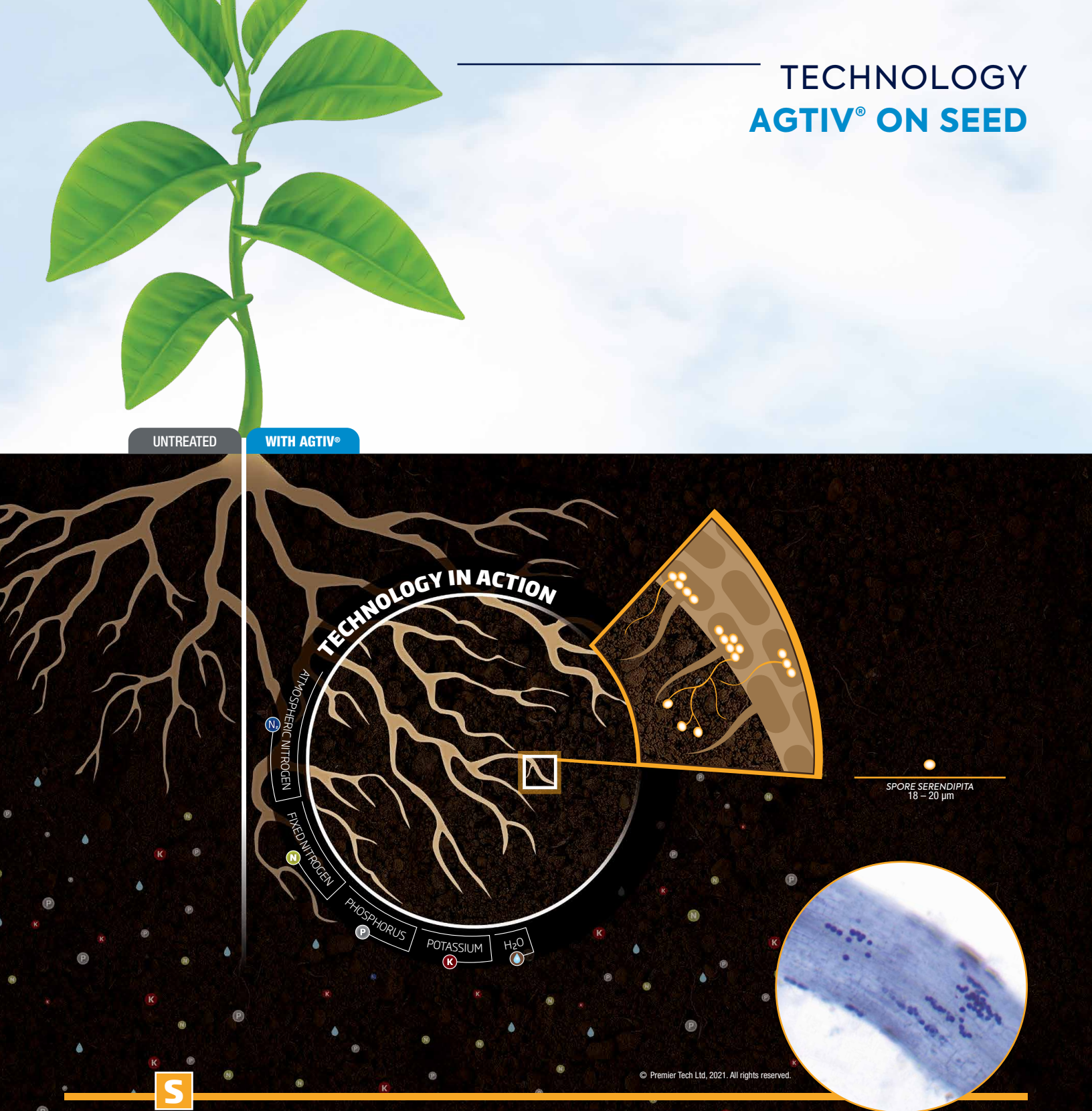
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TECHNOLOGY AGTIV® ON SEED



SERENDIPITA

PTB299 Technology,
Serendipita indica (formerly known
as *Piriformospora indica*)

The beneficial fungus *Serendipita indica*, a natural microorganism, forms an association with roots of plants from the Brassicaceae family, such as canola. It induces some of the plant gene expression and promotes phytohormone production.

- ✓ PROMOTES EARLY SEED GERMINATION
- ✓ INCREASES CHLOROPHYLL CONTENT
- ✓ BETTER PLANT ESTABLISHMENT, GROWTH AND YIELD



PRODUCT INFORMATION

AGTIV® ON SEED



LIQUID ON SEED

AGTIV® IGNITE • L for Brassicaceae

ACTIVE INGREDIENT:

S **ENDOPHYTE INOCULUM** – PTB299 Technology
Serendipita indica
(formerly known as *Piriformospora indica*)
2 x10⁶ viable spores/g in liquid suspension

INERT INGREDIENT: Water

PARTICLE SIZE: < 1 mm (18 mesh)

Contains non-soluble particles



SIZE (case)	COVERS (1 case)	CODE (case)
11 L (11 kg) – bag-in-box	454 kg seed (1000 lb)	714114

DIRECTIONS FOR USE

A bladder of 11 liters can treat up to 454 kg (1000 lb) of canola or other Brassicaceae seeds.

- Ensure the seed treating equipment has been properly calibrated and that applicator's tank is clean.
- Shake the 11 liters (bag-in-box), and add it completely to the applicator's tank.
- Spray on seeds at a rate of 11 liters for 454 kg of seeds.
- DO NOT leave the mixing auger in operation for more than 20 minutes.
- Product must be refrigerated (2-8°C, 36-46°F). Do not freeze product.

2.6 bu/ac*

CANOLA YIELD INCREASE

1.3%*

increase in oil content
(total of 12 replicated
trial sites).

* Statistically different vs untreated.



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COMPATIBILITY REPORT

2021 – SERENDIPITA INDICA WITH PESTICIDES

► LAB TEST

Test description: Compatibility of seeds treated with PTB299 – *Serendipita indica* with pesticides

Research site: Premier Tech Campus (QC), Canada

Treatments for PTB299:

- a) PTB299 in contact with Helix® Vibrance®;
- b) PTB299 in contact with Prosper® Evergol™;
- c) PTB299 in contact with Lumiderm™;

Pesticide	Active ingredients	Category	Compatibility
Helix® Vibrance®	Thiamethoxam Difenoconazole Metalaxyl Sedaxane Fludioxonil	Fungicide/Insecticide	Yes
Prosper® Evergol™	Clothianidin Penflufen Trifloxystrobin Metalaxyl	Fungicide/Insecticide	Yes
Lumiderm™	Cyantraniliprole	Insecticide	Yes

Viability on seed for up to 6 months.



YIELD **SUMMARY**

AGTIV IGNITE YIELD SUMMARY

AGTIV® IGNITE ON SEED YIELD SUMMARY



► AVERAGE YIELD RESULTS FROM TRIALS CONTAINING SAME TREATMENTS

		BU/AC				
	N	UTC	IGNITE	Difference	Competitor B	Difference
Summary all	12	43.1	45.7	2.6		
Summary containing competitor B	10	43.0	45.3	2.3	44.6	1.6

***Summary of means for IGNITE are significantly different following a combine site ANOVA and a Tukey test (p<0.05) p=0.012

AGTIV IGNITE YIELD SUMMARY

AGTIV® IGNITE ON SEED

► YIELD RESULTS DETAILS PER SITE

	Site	Variety	pH	Yield (bu/ac)	
				UTC	IGNITE
2018	Swan River (MB)	L140P	N/A	63.5	68
2019	Josephburg (AB)	75-42BL	7.7	46.8	53.2
	Portage la Prairie (MB)	74-44 BL	8.1	78	78
	Saskatoon (SK)	InVigor L252	8	38.8	41.8
	Swan River (MB)	InVigor L255PC	N/A	53.7	55.4
	Taber (AB)	Pioneer 45M35	6.9	25.4	27
	Swift Current (SK)	InVigor L233P	6.3	25	27.1
	Josephburg (AB)	Pioneer 45CS40	6.2	47.2	49.5
2020	Moon Lake (SK)	Pioneer 45CS40	7.9	16.3	18.2
	Farm Beechy (SK)	PioneerP501	N/A	24.2	27.8
	Swan River (MB)	Pioneer 45CS40	N/A	61.2	64
	Taber (AB)	Pioneer 45CS40	7.3	37.3	38.5



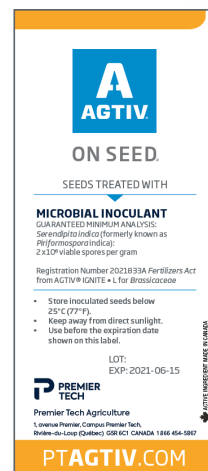
ON SEED TOOLS

ON SEED BAG TAG

Find printable versions on our website or ask us to send you printed tags directly to you.
PTAGTIV.COM/toolbox/#_onseed

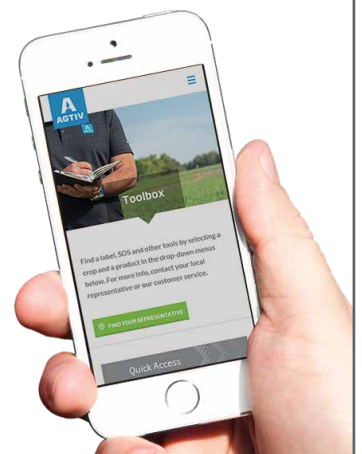
Any questions
contact us
1 866 454-5867

BAG TAG for
AGTIV® ON SEED
CANOLA ▶



PROMO SHEET

Find PDF versions on our website or ask us to send you printed promo sheets directly to you.





2022 ON SEED PACKAGE



PT Growers and Consumers
1, avenue Premier
Campus Premier Tech
Rivière-du-Loup (Québec)
G5R 6C1 CANADA



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1 866 454-5867

info@ptagtiv.com

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