

Welcome to our 2022 seed catalogue!

As organic farmers, you depend on quality seeds to get your crops off to the best possible start. You also expect organic seed to be priced fairly, and you don't want to compromise on selection and performance. We work with a variety of suppliers to meet those expectations.

Our SAATBAU corn varieties performed well this year: growers were very impressed by the plant size and forage yields; grain yields were competitive with similar CHU varieties. SAATBAU is a European farmer's cooperative with over 3,000 producer members, committed to developing varieties adapted to organic farming conditions in northern climates. Strong early vigour and excellent root development are central to their breeding efforts. New this year are a couple of longer-season varieties: the 2675CHU Serrano and Katedralo at 2850CHU.

You'll also find tried and true organic varieties for most crops, along with conventional untreated options.

2021 was a challenging growing season in most of the primary seed-producing areas of North America, so we're seeing tighter supplies. Supply chain challenges are also increasing costs in many cases. In these circumstances it is more important than ever to plan ahead and order as early as possible to avoid disappointment and extra expense.

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Discount Programs:

Corn: Buy 12 bags, get one free.
Save 2% to 5% on many items for early order and payment before February 28th – contact us for details.

Inoculants: We can supply dry or liquid inoculants for soybeans and other legumes. We also recommend [EcoTea](#) Dry or Liquid Seed Dressing for all crops to aid in emergence and early root development. Contact us for details and pricing.



CORN (bold text = organic)	CHU	PPA TARGET	NOTES
Marcamo	2300	32 – 34K	High test weight, good early vigour, very good root strength; dual-purpose candidate.
Primino	2325	32 – 34K	NEW. Very good early vigour, tall plant with large leaves. Good grain yield and silage quality.
Amello	2400	32 – 34K	Silage variety with good ear-to-plant ratio; widely adapted, tall plant.
Delicao	2425	30 – 34K	Very good early vigour, excellent test weight, tall plant; very good root strength
Atlantico	2525	32 – 34K	Excellent early vigour and test weight; high yield potential; stress-tolerant.
Casandro	2550	32 – 36K	“Workhorse” hybrid; dual-purpose potential; high dry matter yield.
Danubio	2600	32 – 34K	Good silage potential in a very tall, upright plant.
Albireo	2650	32 – 34K	Very good all-around performance as a dual-purpose hybrid.
Serrano	2675	32 – 34K	NEW. Excellent early vigour and yield potential. Good drought tolerance and stress resistance.
Leonido	2675	32 – 36K	Outstanding early vigour and cold tolerance in a tall, vigorous dual-purpose plant.
Filmeno	2725	30 – 34K	Excellent test weight and staygreen characteristics – high silage potential; leaf disease resistant
Katedralo	2850	32 – 34K	NEW. Large ears, high grain yield potential. Rapid dry-down, good stress tolerance.

SOYBEANS (bold text = organic)	HU	HILUM	BAG SIZE	NOTES
Astor	2600	Y	110 K	Good early-season vigour and large seed size; average canopy
Panorama	2600	Y	110 K	SureSource’s recommended variety; excellent canopy & yield potential.
OAC Strive	2650	IY	50 lb	Popular organic variety; strong early vigour and tall plants
Cypress	2675	Y	110 K	Stands well in high fertility soils; mold-tolerant; well-adapted.
Neptune	2700	IY	110 K	Widely-adapted, large seeds, average canopy.
Common	2700	Y	25 kg	Proven organic performer; high-yielding
Dunham	2725	IY	110 K	NEW. SCN-resistant, high protein, large seed.
Genesis	2750	Y	110 K	High-yielding, widely-adapted, mold-tolerant.
Skyline	2775	Y	110 K	SCN and white mold resistant. Wide canopy and medium height.
Emperor	2775	IY	110 K	Good on wide rows and loam soils. Top yields and large seeds.
DH350	2825	IY	110 K	Consistent performer in light to loam soils. Mold-tolerant.
Stargazer	2825	Y	110 K	Performs well in loams and heavier soils. Wide canopy, large seeds.
OAC Avatar	2850	IY	50 lb	Widely-adapted and high-yielding; semi-bushy, not SCN-resistant
Candor	3000	Y	110 K	Performs well on heavy soils; high yield potential.

BARLEY (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Esma, Certified #2	25 kg	150	2-row feed; high yielding
Common	25 kg	150	6-row feed barley
Dignity, Certified #1 untreated	50 lb	150	6-row, excellent straw yield
Baden, Certified #1 untreated	50 lb	150	6-row feed barley, shorter
Richer, Certified #1 untreated	25 kg	150	6-row feed barley
Conestogo, Certified #1 untreated	50 lb	150	2-row feed; average maturity
AAC Bell, Certified #1 untreated	25 kg	150	2-row feed; lodging-resistant

SPRING WHEAT (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Walton, Certified #1	25 kg	145	HRS milling wheat
Lemieux, Certified #1	25 kg	180	HRS milling wheat
AAC Brandon, Certified #1 untreated	50 lb	145	HRS milling wheat
White Common, #1	25 kg	145	Hard white spring wheat

OATS (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
AAC Nicolas, Certified #1	25 kg	135	White milling oat
Common, #1	25 kg	135	
AAC Oaklin	50 lb	135	White milling oat
CDC Haymaker, Certified #1	25 kg	125	Forage oat
Navan, hullless, Certified #1	25 kg	120	Hullless oat
Casino, hullless, Certified #1	25 kg	120	Hullless oat

PEAS (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
CDC Amarillo, Certified #1	25 kg	240	Tall, medium maturity yellow field pea
Black forage, common #1	25 kg	175	Best choice for winter-killed cover
Yellow peas, common	25 kg	100	Semi-leafless
AAC Carver, Certified #1	25 kg	170	Early, semi-leafless yellow field pea
Austrian winter, common #1	25 kg	110	Use 40-50 lbs/ac for cover crops.

BUCKWHEAT (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Koto, Certified #1	25 kg	50	
Common #1	25 kg	60	
Common #1	25 kg	55	

SPELT (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
CDC Origin, Spring, Certified #1	25 kg	215	
Common, Winter, #1	25 kg	195	

RYE (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Gazelle, Spring, Certified #1	25 kg	100	
Common, Spring, #1	25 kg	140	
Hazlet, Winter, Certified #1	25 kg	120	
Common, Winter, #1	25 kg	140	

TRITICALE (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Pronghorn, Spring, Certified #1	25 kg	160	Drought-resistant; high protein and digestibility
Common, Spring	50 lb	100 - 120	Taller & leafier than wheat or oats; more drought-tolerant
XTR, Winter	50 lb	100 - 120	Blend of two improved varieties
Common, Winter	50 lb	100 - 120	35-40 lbs/ac for cover crops

BRASSICAS (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Brassica, Hunter	50 lb	4 – 5	Very fast-growing turnip/rape cross for grazing/forage
Brassica, Vivant Hybrid	50 lb	5 – 10	Forage turnip/rape cross; highly-digestible
Brassica, Winfred	50 lb	4 – 5	Turnip/kale cross with high leaf:stem ratio
Camelina	10 kg	8 – 10	Cold-tolerant; fast early growth
Kale, forage	50 lb	5 - 10	Good nutrient-scavenger
Mustard, Bio-Fume Oriental	50 lb	10 – 15	High in glucosinolates for nematode control
Mustard, Braco, White	50 lb	8 – 10	Rapid growth for weed and nematode control
Mustard, Brown	50 lb	10 -15	Good for wireworm control
Mustard, Oriental	50 lb	10 - 15	High in glucosinolates for nematode control
Mustard, Yellow	25 kg	10	
Oilseed Radish, Trident	50 lb	8 – 12	Excellent nematode control
Oilseed Radish, Common	50 lb	8 – 12	Tap-rooted annual
Rape, Barsica fodder	50 lb	3 – 5	Grazing variety
Rape, forage	50 lb	2 – 6	Seed late-July to early-August for fall grazing
Radish, Groundbreaker	50 lb	5 – 10	Daikon-type with deep penetrating tap root
Radish, Nitro™	50 lb	5 – 10	
Radish, Tapper Daikon	50 lb	8 – 10	
Radish, Tillage	50 lb	5 - 10	Variety developed specifically for uniform roots
Turnip, Barkant (Tankard Type)	25 lb	4 – 5	50% of bulb above ground; ideal for grazing

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Turnip, Purple Top	50 lb	2 – 6	Globe type (greater leaf to bulb ratio)
Turnip, Stubble	50 lb	4 – 5	Fast-growing catch crop; good for grazing

LEGUME COVER CROPS (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Faba Beans, Common	50 lb	150 - 175	
Cowpeas	50 lb	50 – 70	Drought-tolerant; roots break-up hardpan; adapts to low pH
Sunn Hemp	50 lb	12 – 15	Suppresses nematodes & fixes nitrogen; frost-sensitive
Vetch, Common	50 lb	20 – 25	Not winter-hardy
Vetch, Hairy	50 lb	15 – 20	Will over-winter; blends well with fall rye for winter cover
See also Clover, Alfalfa, Pea lists			

GRASS COVER CROPS (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Japanese Millet	50 lb	20 - 30	Can tolerate moist soil conditions
Pearl Millet, Exceed BMR	50 lb	20 – 30	BMR for improved feed quality; dwarf variety = more leaf
Pearl Millet, Common	50 lb	20 – 30	Does well in light soils; grows 4' tall; can be used for feed
Sorghum Sudangrass, Surpass BMR	50 lb	30 – 35	Low-lignin, high-sugar; very high leaf:stem ratio; drought-tolerance
Sorghum Sudangrass	50 lb	30 – 35	Excellent warm-season forage/biomass production for multiple cuts
Ryegrass, Nitro Italian	50 lb	12 – 20	Recommended for corn interseeding; biennial
Ryegrass, Tetraploid Annual	50 lb	12 - 20	Improved palatability and yields
Ryegrass, Rootmax Annual	50 lb	10 – 30	Low-growing; dense canopy and roots
See also grain and forage seed lists (rye, oats, triticale, etc.)			

OTHER COVER CROPS (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Flax, CDC Bethune	25 kg	55	Brown-seeded
Flax, CDC Glas	25 kg	55	Brown-seeded; higher-yielding and stronger straw
Flax, Common	50 lb	30 – 35	
Phacelia	50 lb	5 – 7	Excellent for honey production; fibrous root system
Sugar Beets	50 lb	6 – 10	
Sunflower, Peredovik	50 lb	20 – 25	Black oilseed heirloom Russian variety
Sunflower, common	50 lb	20 – 25	Pulls nutrients up from subsoil; adds visual appeal

ORGANIC FORAGE GRASSES (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Festulolium	50 lb	16	Late-maturing, very hardy
Italian Ryegrass	44 lb	35	Excellent cool-season forage
Meadow Fescue	50 lb	16	Performs well in varying soil conditions

Tall Fescue	50 lb	16	Deeply-rooted, endophyte-free
Timothy	25 kg	10	Persistent legume companion
Orchardgrass	50 lb	25	Aggressive for early hay/pasture
Perennial Ryegrass	50 lb	25	Seed 3-8lbs/ac in mixes. Quick-growing, with high crude protein

CLOVERS (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Double Cut Red	50 lb	10-12	Better top growth & N-fixation than single-cut. Limited availability
Big Foot Double Cut Red	50 lb	10-12	Leafy variety for haylage; 3-4 year stand persistence
Single Cut Red	25 kg	10-12	Slower-growing; more root development
Yellow Blossom Sweet	25 kg	12-16	Deep-rooted biennial; great bee crop
Alsike	25 kg	6-8	Winter-hardy; handles acidic soils well
Subterranean	50 lb	10 -15	Low-growing, self-seeding, annual clover; very hardy
Balansa	50 lb	10 -15	Most cold-tolerant annual clover
Berseem	50 lb	10 -15	Grows 12-16" tall; not winter-hardy
White	25 lb	1-2	Low-growing, persistent clover
Huia White	50 lb	1-2	Medium-leaf clover, good for pastures
Crimson	50 lb	25	Fine-stemmed, lower C:N ratio than red clover, preferred for interseeding
Glacier Ladino	50 lb	6-8	High-protein, aggressive tall white clover for hay fields
Ladino Clover	50 lb	6-8	Tall-growing white clover, usually used for hay
Mixed: 1/3 Red DC; White, Alfalfa	10 kg	10-12	

ALFALFA (bold text = organic)	BAG SIZE	SEEDING RATE (lb/ac)	NOTES
Common	50 lb	16-18	For underseeding and cover crop use
Extreme HD	50 lb	16-18	Early maturity; low-lignin
Perfection	50 lb	16-18	Early maturity; standfast, 4-5 cut haylage variety
Performer	50 lb	16-18	Early; very high leaf:stem ratio; for dry hay and export market
GESECO Brand, common	50 lb	16-18	Blend of two fine-stemmed, disease resistant varieties; fast re-growth
Endurance	50 lb	16-18	Medium maturity; disease resistance for wet soils
Haygrazer (Sunken Crown)	50 lb	16-18	Dual-purpose for pasture or dry hay rotations
4010 BR (Branch Root)	25 kg	16-18	Branch rooted system increases persistence in wet soils
Survivor (Sunken Crown)	25 kg	16-18	Protected from close grazing and traffic
TH2 (Multifoliate)	25 kg	16-18	Rapid re-growth, very good winter survival
Anchor Brand	25 kg	16-18	Better on heavier, wetter soils
Lightning Brand (Multifoliate)	25 kg	16-18	Early-maturity for multi-cut hay systems
Merit Brand (Branch Root/Multifoliate)	25 kg	16-18	Economical, dependable blend of 4 different alfalfas for variable conditions
PLH 2000 Brand (Leafhopper HR)	50 lb	16-18	Resistant to potato leafhopper

Cover Crop Blends

SPRING/SUMMER	INGREDIENTS	SEEDING RATE (LBS/AC)
Bee Pollinator Mixture	15% Alsike Clover, 15% White Clover, 10% Hubam Annual White Sweetclover, 20% Crimson Clover, 20% Double Cut Red Clover, 20% Phacelia	10 drill 12 no-till
INTERSEEDING 4 TO 8 LEAF STAGE CORN		
Nitro Enhanced Maize	60% Nitro Brand Italian Ryegrass, 28% Crimson Clover, 7% Berseem Clover, 2% Vivant Hybrid Brassica, 3% Nitro Radish™	15 – 17
Nitro Standard Maize	60% Tetraploid Annual Ryegrass, 28% Crimson Clover, 7% Berseem Clover, 2% Vivant Hybrid Brassica, 3% Nitro Radish™	15 – 17
SUMMER FEED AND GRAZING (July 20th – August 15th)		
Summer Feed or Grazing Mixture	30% Oats, 20% Pearl Millet, 30% Tetraprime Tetraploid Italian Ryegrass, 10% Forage Peas, 7% Berseem Clover, 3% Vivant Hybrid Brassica	50
AFTER GRAIN HARVEST (August 1st to 30th)		
Nitro Aerator	21% Nitro Radish™, 25% Crimson Clover, 54% Nitro Brand Italian Ryegrass	15 tilled 17 no-till
Nitro Booster	45% Nitro Radish™, 55% Crimson Clover	10-12 tilled 13 no-till
Nitro Groundbreaker	33% Nitro Radish™, 67% Nitro Brand Italian Ryegrass	12-15 tilled 15 no-till
Nitro Renovator	14% Nitro Radish™, 16% Crimson Clover, 70% Oats	25-30 tilled 30 no-till
Nitro Plus	3% Sunflowers, 5% Tabasco Faba Beans, 10% Nitro Radish™, 12% Crimson Clover, 10% Austrian Winter Peas, 10% Forage Peas, 50% Oats	25-30 tilled 30 no-till
Nitro Seasonal Cocktail	33% Oats, 4% Nitro Radish™, 2% Turnips, 2% Pearl Millet, 2% Sorghum Sudangrass, 1% Phacelia, 2% Sunflowers, 2% Sunn Hemp, 5% Tabasco Faba Beans, 7% Hairy Vetch, 10% Crimson Clover, 5% Berseem Clover, 15% Austrian Winter Peas, 10% Forage Peas	25-35 tilled 40 no-till
Nitro Winter Cocktail	35% Fall Rye, 2% Nitro Radish™, 2% Turnips, 2% Pearl Millet, 2% Sorghum Sudangrass, 1% Phacelia, 2% Sunflowers, 2% Vivant Hybrid Brassica, 2% Sunn Hemp, 5% Tabasco Faba Beans, 12% Hairy Vetch, 10% Crimson Clover, 5% Berseem Clover, 18% Austrian Winter Peas	25-35 tilled 40 no-till
AFTER SILAGE CORN OR SOYBEANS (September 1st to October 10th)		
Green Winter Organic Builder	70% Fall Rye, 8% Hairy Vetch, 7% Crimson Clover, 15% Austrian Winter Peas	30-35 tilled 40 no-till
Green Fall Organic Builder	70% Oats, 8% Hairy Vetch, 7% Crimson Clover, 15% Austrian Winter Peas	30-35 tilled 40 no-till

Contact us for a wide selection of untreated, conventional forages and forage mixes for hay and pasture, customized to your location and needs.

Notes:

- 1) All perennial and annual forage and organic seeds are final sale.
- 2) Custom mixing and inoculation is available. Fees are applicable.
- 3) Pricing and availability may change without notice. Shipping charges may apply on certain items, conditional on locations, volumes, and timing.

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Be sure to ask us about EcoTea™ - Probiotics for the Soil.



Iron Scavenging



Nutrient Cycling



Nitrogen Fixing



Antibiotic Producing



Phosphorus Solubilizing



Plant Hormone Producing

Give your crops a head start with EcoTea™ Dry or Liquid Seed Dressing.

EcoTea™ will coat seeds with abundant populations of ecologically functional microbes, helping break seed dormancy, improve root development, increase nutrient use efficiency, and increase resistance to diseases.

EcoTea™ also includes blends of humic, fulvic, and long-chain amino acids, help extract, and simple/complex carbohydrates.

Also available as in-furrow, foliar, and residue management formulations.

The photos below demonstrate the effect of EcoTea Seed Dressing on field-grown soybeans in a conventional corn-soy-wheat rotation in southern Ontario. Significantly increased nodulation is a common observation in treated legume crops, including soybeans, peas, and dry beans.

EcoTea Dry Seed Treatment



No EcoTea



EcoTea RESULTS

Non Treated

Treated with EcoTea™ LSD



Germination Test: EcoTea™ Liquid Seed Dressing (LSD) on Winter Wheat - Oct. 2, 2018, SK. Photo was taken after 3.5 days. Left photo is non treated and right is treated with EcoTea™ LSD.