



PLANT GROWTH REGULATOR SUPPLEMENT

Plant growth stimulant for use on field crops, vegetable crops, small fruit, vine, tree fruit, sod, turf, shrubs, flowering plants and ornamentals.

COMMERCIAL

GUARANTEED ANALYSIS:

Cytokinin (as kinetin).....	0.009%
Indolebutyric Acid	0.005%
Gibberellic Acid (A ₃).....	0.005%

Registration Number: 2020045A Fertilizer Act

KEEP OUT OF REACH OF CHILDREN READ THE LABEL AND BROCHURE BEFORE USING

Net Content: 2 liters

Net Weight: 2.08 kgs

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Distributed by:
N.M. Bartlett Inc.
4509 Bartlett Rd.
Beamsville, Ontario L0R 1B1
Canada
Tel: 905-563-8261

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Users should wear long-sleeved shirt, long pants, and shoes plus socks when handling the product.

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice / attention.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

ENVIRONMENTAL PRECAUTIONS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate. Exposed treated seed may be hazardous to birds and other wildlife. Treat only those seeds needed for the immediate use and planting. Do not store excess treated seed beyond planting time. Dispose of all excess treated seed and seed packaging by burial away from streams and bodies of water.

STORAGE

Store in tightly closed containers and prevent from contacting feeds, fertilizers, plants, seeds or pesticides. Do not subject to freezing temperatures.

DISPOSAL

DO NOT reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer and the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

If container is damaged and/or contents spilled contact manufacturer for instructions. Wear protective clothing and impervious gloves before handling spills or damaged products. For spills do not allow product to spread. Prevent entry into ditches and waterways. Cover spill with inert sweeping compound such as dry sand, clay or sawdust and place contaminated material into an approved waste container. Place damaged container into approved waste container and mark with contents.

NOTICE TO USER

This supplement product is to be used only in accordance with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

LUSTER is a plant biostimulant that can improve the germination of seed, promote early plant emergence in cool conditions, promote root growth and seedling development.

- LUSTER can be tank mixed and applied with in-furrow fertilizers to improve germination and early season growth. All possible combinations of fertilizers with LUSTER have not been tested. As such, perform a test mix of the materials to be used in the tank mix with LUSTER, as shown in the Compatibility section below, to evaluate compatibility of the mixture prior to preparing a larger amount for application in the field. Failure to do so could result in crop injury or lack of performance.
- Tank mixes of LUSTER and in-furrow fertilizers must be mixed thoroughly and applied within 1 day of mixing. Agitation must be maintained to assure proper dispersal of the LUSTER in the fertilizer.
- Apply LUSTER utilizing properly calibrated application equipment. Failure to do so may result in an improper application to the crop which could result in injury to the crop or lack of performance.

- Clean spray equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions before and after applying LUSTER.
- This product cannot be used to formulate or reformulate any other fertilizer product.

COMPATIBILITY

Conduct a compatibility test when you plan to mix LUSTER with other products. To determine the physical compatibility of LUSTER with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one liter of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. Follow the more restrictive labeling requirements of any tank mix partner. Do not tank mix with products whose label prohibits tank mixing. Treat a small test plot if new combinations of products are being used for the first time.

Tank Mixing Information:

LUSTER is soluble in water but can also be mixed directly into many liquid fertilizers for use in-furrow at planting. LUSTER can also be applied in tank mixes as foliar sprays. All possible combinations of fertilizers, pesticides and/or other agricultural tank mix partners have not been evaluated. Tests must be performed for compatibility and crop safety before applying mixes of materials with which the applicator does not have experience and prior to large scale use.

Testing has shown that LUSTER, when used as per label instructions, does not result in phytotoxicity. However, not all crop varieties and cultivars have been tested with possible tank-mix combinations. Since local conditions can influence crop tolerance, test any tank-mix combination on a small portion of the crop to be treated to ensure crop safety. Read and follow the applicable Directions For Use on all products involved in tank-mixing. Always refer to the most restrictive labeling.

Tank mixes of LUSTER and in-furrow fertilizers must be mixed thoroughly and applied within 1 day of mixing. Agitation must be maintained to assure proper dispersal of the LUSTER in the fertilizer.

APPLICATION INSTRUCTIONS

IMPORTANT: Read the entire "Directions for Use" and the "Notice" before using this product. If terms are not acceptable, return the unopened product container to seller at once.

NOTICE: LUSTER IS NOT A FERTILIZER. THIS PRODUCT CONTAINS NON-PLANT FOOD INGREDIENTS. USE IN COMBINATION WITH A GOOD FERTILIZER PROGRAM WHERE INDICATED.

Apply LUSTER by ground or air. If applied by air, use 20 to 50 liters of water per hectare. If applied by ground, use 50 to 235 liters of water per hectare. For turf grass, apply LUSTER by ground using 0.76 to 1.9 liters of water per 93 square meters (1,000 square feet).

Table 1. Crop Application Rates and Application Instructions: FIELD CROPS

Crop	No. of Applications	Rate (ml/hectare) by Type of Application				Application Timing for Banded & Broadcast/Foliar Sprays
		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
Alfalfa (established)	1 or more	-	-	-	300-440	Make first application after dormancy break when sufficient regrowth is present. A subsequent application can be made following each cutting once sufficient regrowth is present.
Alfalfa (newly seeded)	1	-	-	-	300-440	Apply when seedling alfalfa is in the 3 rd to 4 th trifoliate stage.
Beets, Sugar	1	150-585	-	585	1170	6-8 leaf stage.
	2-3		-	300	585	Make first application at 2 leaf stage. Repeat applications can be made on 7-14 day intervals
Canola	3	150-585	-	300	440	Make first application at 3-5 leaf stage. Repeat applications can be made on 10-14 day intervals
Corn	1	150-585	-	365	440-585	2-6 leaf stage.
	1	-	-	300	585	Apply during flowering from initiation of flowering to end of bloom stage.
Flax	2	-	-	-	300-440	Make first application when plants are 5-10 cm tall. A second application can be made 2-3 weeks after the first application.
Peanuts	4-6	150-585	-	220	300	An early application may be made at 3-4 true leaf stage. Subsequent applications should begin approximately 30 days after planting and may be repeated on 7-14 day intervals.
Rice	1	-	-	-	585	Make application at 2-5 leaves or at panicle initiation.
	2	-	-	-	300	Make application at 2-5

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		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
						leaves and/or at panicle initiation.
Sorghum	1	150-585	-	365	585	Make application at 2-6 leaf stage.
Soybeans	1	150-585	-	365	585	Make application at V4-V8 (3-7 trifoliolate).
	2	-	-	300	300	Make application at V4-V8 (3-7 trifoliolate). Repeat applications can be made on 10-17 day intervals.
Tobacco	2	-	150-585	365	585	Make first application approximately 40 days after planting. A second application can be made following topping.
Wheat, Barley, Oats, Rye	1-2	150-585	-	440	585	Apply at tillering in the fall and/or spring. A second application can be made when 2 to 3 leaves have formed on main stem.

Table 2. Crop Application Rates and Application Instructions: VEGETABLE CROPS

Crop	No. of Applications	Rate (ml/hectare) by Type of Application				Application Timing for Banded & Broadcast/Foliar Sprays
		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
Beans	1	150-585	-	300	585	Make application between 3 rd trifoliolate leaf stage and flower bud formation.
	2-3	-	-	220	300	Make first application at 3 rd trifoliolate leaf stage. Repeat applications can be made on 7-10 day intervals.
	4-6	-	-	150	220	Make first application at 2 nd trifoliolate leaf stage. Repeat applications can be made on 7-14 day intervals.
Broccoli	3	150-585	150-585	300	440	Make first application at 4-5 leaf stage. Repeat applications can be made on 10-14 day intervals.
Brussels Sprouts	3	150-585	150-585	300	440	Make first application at 4-5 leaf stage. Repeat applications can be made on 10-14 day intervals.
Cabbage	3	150-	150-585	300	440	Make first application at 4-

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Crop	No. of Applications	Rate (ml/hectare) by Type of Application				Application Timing for Banded & Broadcast/Foliar Sprays
		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
		585				5 leaf stage. Repeat applications can be made on 10-14 day intervals.
Cauliflower	3	150-585	150-585	300	440	Make first application at 4-5 leaf stage. Repeat applications can be made on 10-14 day intervals.
Corn, Sweet	1	150-585	-	365	585	Make application at 2-6 leaf stage.
	2 or more	-	-	220	300	Make first application at 2-6 leaf stage. Repeat applications can be made on 7-21 day intervals through end of tasseling.
Cucumbers	1	150-585	150-585	300	585	Make application between flower bud initiation and first bloom.
	2-3	-	-	220	300	Make first application between flower bud initiation and first bloom. Repeat applications can be made on 7-10 day intervals.
	3-4	-	-	220	300	Transplants: First application at transplanting. Direct Seeded: First application at 3-4 leaf stage. For both planting methods repeat applications can be made on 7-10 intervals.
Lettuce	3	150-585	150-585	300	440	Make first application at 4-5 leaf stage. Repeat applications can be made on 10-14 day intervals.
	1	-	-	300	585	Make application between flower bud initiation and first bloom.
Melons	2-3	150-585	150-585	220	300	Make first application at flower bud initiation. Repeat applications can be made on 7-10 intervals.
	4-6	-	-	150	220	Make first application 2 weeks after emergence. Repeat applications can be made on 7-14 day intervals.
Onions	3	150-585	-	300	440	Make first application 2 weeks after emergence. Repeat applications can

Table 2. Crop Application Rates and Application Instructions: VEGETABLE CROPS

Crop	No. of Applications	Rate (ml/hectare) by Type of Application				Application Timing for Banded & Broadcast/Foliar Sprays
		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
						be made on 10-14 day intervals.
Peppers	4-6	150-585	150-585	220	300	Transplants: First application at transplanting. Direct Seeded: First application at 3-4 leaf stage. For both planting methods repeat application can be made on 7-14 intervals.
Potatoes	1	150-585	-	585	1170	Apply at tuber initiation.
	3	-	-	300	585	Make first application at stolon formation (8-10 leaf stage). Repeat applications can be made on 10-14 day intervals.
Squash	1	150-585	-	300	585	Apply between flower bud initiation and first bloom.
	2-3	-	-	220	300	Make first application at flower bud initiation. Repeat applications can be made on 7-10 day intervals.
	4-6	-	-	150	220	Make first application at 2 weeks after emergence. Repeat applications can be made on 7-14 day intervals.
Tomatoes	1	150-585	150-585	300	585	Apply between flower bud initiation and first bloom.
	2-3	-	-	220	300	Make first application at flower bud initiation. Repeat applications can be made on 7-10 day intervals.
	4-6	-	-	150	220	Make first application at 2 weeks after emergence. Repeat applications can be made on 7-14 day intervals.

Table 3. Description of In-Furrow Application for Crops Listed

Crop	In-Furrow Rate	Application Timing/Directions
All crops listed in FIELD CROPS & VEGETABLE CROPS tables above with In-Furrow entry.	150 to 585 ml/ha	In-Furrow: Apply at planting in the seed furrow or 5 cm beside and 5 cm below seed or with a strip till machine 7.0 to 8.0 cm below the seed. LUSTER can be applied with or without fertilizers, pesticides or other agricultural products. See "Tank Mixing" section for further instructions on tank mixes.

NOTE: If seed being planted has been treated with LUSTER, do not apply LUSTER as an in-furrow treatment.

Table 4. Crop Application Rates and Application Instructions: SMALL FRUITS, VINES AND TREE FRUITS

Crop	No. of Applications	Rate (ml/hectare) by Type of Application				Instructions for Application Timing for Banded & Broadcast/Foliar Sprays
		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
Grapes	1 or more	-	-	-	150-585	Make applications beginning at bud break. Repeat applications can be made every 7-21 days through veraison.
Strawberries	3-6	-	-	150	300	Make first application at 1 st bloom. Repeat applications can be made every 14-28 days for a total of 3 to 6 applications.

Table 5. Crop Application Rates and Application Instructions: YOUNG TREES, ORNAMENTAL, SOD & TURF

Crop	No. of Applications	Rate (ml/hectare) by Type of Application				Instructions for Application Timing for Banded & Broadcast/Foliar Sprays
		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
Shrubs, Established	2-3	-	-	-	30 ml/7.6 L water	Spray foliage with a solution of LUSTER (30 ml LUSTER/7.6 L of water) to the point of run-off. This may be applied to shrubs 2-3 times per year to increase vigor, growth and healthy appearance.
Flowering plants (Roses, Azaleas, etc.)	1	-	-	-		Once per year, mix 120 ml of Stock Solution in 3.8 L water. Apply the 3.8 L mix around the rooting zone of the plant,

Table 5. Crop Application Rates and Application Instructions: YOUNG TREES, ORNAMENTAL, SOD & TURF

Crop	No. of Applications	Rate (ml/hectare) by Type of Application				Instructions for Application Timing for Banded & Broadcast/Foliar Sprays
		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
						preferably in the spring. (Stock Solution = 30 ml of LUSTER/ 29L water).
Sod*	1	-	-	-	585	Apply as a broadcast application to improve growth and rooting.
	2	-	-	-	300	Apply 300 ml/ha after harvest to speed up regrowth. A repeat application may be made 6 weeks after the first application to continue to boost regrowth.
Turf*	1-2	-	-	-	65 ml/ 500 sq m	After sod/turf has been laid, apply 65 ml/500 sq m to help with root growth. A repeat application can be made 30 days after the first application.
*DO NOT apply this product through any type of irrigation system for use in sod or turf.						

Table 6. Crop Application Rates and Application Instructions: GOLF COURSES

Crop	No. of Applications	Rate (ml/hectare) by Type of Application				Instructions for Application Timing for Banded & Broadcast/Foliar Sprays
		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
Greens	1 or more				65 ml/ 500-650 sq m	Apply an initial treatment of LUSTER at 65 ml/500-650 sq m to promote root development and protect against "winter kill."
					30ml/ green	Subsequent applications of 30 ml of LUSTER/green may be applied every 30 days to help maintain healthy root growth.
Tees	1 or more				15 ml/ 110-140 sq m	Apply LUSTER at 15 ml/110-140 sq m to maintain healthy root growth. Repeat applications can be made every 30 days.
Fairways	1-2				585	Make 2 applications of LUSTER at 585 ml/ha the first year. Then make 1-2 applications of 585 ml/ha per year in subsequent

Table 6. Crop Application Rates and Application Instructions: GOLF COURSES

Crop	No. of Applications	Rate (ml/hectare) by Type of Application				Instructions for Application Timing for Banded & Broadcast/Foliar Sprays
		In-Furrow	Transplant Water	Banded	Broadcast/Foliar	
						years.

TRANSPLANT INSTRUCTIONS:

LUSTER may be used in a transplant solution to reduce transplant shock, promote root growth and early plant health. This solution may be used with vegetable and row crops transplants as noted in Tables 3 and 4 above. It may also be used with young trees and ornamental plants at the time of transplanting. Transplant solution is made by adding 30 ml of LUSTER per 7.6 Liters of water. Instructions for application of this solution to young trees and ornamental transplants is as follows:

1. Bare (naked) roots – Dip roots or spray stock solution onto root mass.
2. Balled plants – Spray root ball of plants at time of transplanting.
3. Foliage – Foliage can be lightly misted at the time of transplanting.
4. Furrow planting – Apply 3.8 Liters of stock solution in-furrow per acre.

SEED TREATMENT:

LUSTER may only be used as a treatment on seeds for crops listed on this label (i.e., corn, soybeans, rice, cotton, wheat, etc.). Treated seed may not be used for food, feed or oil purposes. If this product is intended for commercial seed treatment, the treated seed must be labeled in accordance with the requirements of the Federal Seed Act and applicable Seed Laws. An approved dye must be added to distinguish treated seed and prevent inadvertent use for food, feed or oil purposes. If this product is intended for “at planting” use, treat only those seed needed for immediate use and planting. Do not store excess treated seed beyond planting time. Dispose of excess treated seed by burial away from streams and bodies of water. Application instructions are as follows: Apply 60 to 120 ml/45 kg of seed to be treated. Dilute the LUSTER with water and mist the seed while mixing. DO NOT store the seed wet as germination can be reduced if not planted soon after treatments.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

FERTILIZER STORAGE: Store in original container only. Do not store in direct sunlight. Avoid freezing temperatures. After partial use, close the container tightly. Store in a secure place that is cool and dry. Use spray and stock solutions within 24 hours. Immediate use is required if another component is added to the spray solution.

FERTILIZER DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by provincial and local authorities, by burning. If burned, stay out of smoke.

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, FINE makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. No agent of FINE or any other person is authorized to make any representation or warranty beyond those contained herein.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of FINE or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

To the extent consistent with applicable law: 1) FINE disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product and 2) FINE's liability under this label shall be limited to the amount of the purchase price or, at the election of FINE, the free replacement of the Product.

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