

ORGANIC FERTILIZER

Application for Use of Synthetic Herbicides in Town of Lyons

This form is used by personnel from Town departments or by Town contractors prior to any use of non-organic herbicides. A public record of approved and denied applications will be retained in order to help inform future practices and provide for a record of use.

Send Application to: 4-21-22 - Ecology Board Chair/PRC Chair

- 1. Director of Public Works and Parks, or designated representative
- 2. Chair, Ecology Advisory

Board Date: 4-21-22

Town Department or Contractor applying the chemicals (include contact information):

SAVATREE - TREE, SHRUB & LAWN CARE
COLORADO - COMMERCIAL WEST DIVISION
RODNEY BASHAW
303-306-3154

Chemicals to be applied (brand names and active ingredients):

ASSURE 8-0-6 ORGANIC FERTILIZER - SEE ATTACHED PRODUCT SHEETS

Location Description (see attached map):

BOW & LAVERN M. JOHNSON PARKS - MAPS ATTACHED

Dates and approximate times (include backup dates and times):

WEEK OF MAY 2 - SHOULD TAKE 2-3 DAYS - NO SET DATE YET

Method of Application:

GRANULAR - SPREAD WITH Z SPREADER AT RECOMMENDED APPLICATION RATE

Weed species to be controlled, and seed status:


NONE - FERTILIZER - TURF

Reasons other control measures including organic chemicals will not be adequate:

ALL ORGANIC

How unintended effects to people, and non-target plants, insects, and animals will be minimized:

I approve this application of the listed chemicals.


(Director of Parks and Public Works or designated staff; signature and date)

ASSURE 8-0-6

A Problem Solving Fertilizer

For The Zero Phosphorus, All Organic, No Synthetic, Requirements

Total Nitrogen (N).....	8.00%
1.00% Water Soluble Nitrogen	
7.00% Water Insoluble Nitrogen*	
Soluble Potash (K ₂ O).....	6.00%
Calcium (Ca)	1.00%
Magnesium (Mg)	0.50%
0.25% Water Soluble Magnesium	
Sulfur (S).....	1.00%
1.00% Sulfur, Combined	
Copper (Cu)	0.10%
Iron (Fe)	1.00%
0.50% Water Soluble Iron	
Manganese (MN)	0.10%
0.05% Water Soluble Manganese	
Sodium (Na)	0.10%
Zinc (Zn)	0.10%

Derived from: Feather meal, meat and bone meal, potassium sulfate, kelp meal, ferric oxide, ferrous sulfate, magnesium sulfate, magnesium oxide, manganese sulfate, manganese oxide, zinc oxide, cupric oxide.

*7.00% Slow or controlled release Nitrogen derived from Feather Meal.

Typical Spreader Settings: 8-2-6

Lbs. N/1,000 sq.ft.	1/2	3/4	1.0
Sq.ft./50 lb. Bag	8,000	5,333	4,000
Sq. meter/22.7 Kg bag ...	745	496	372
Cyclone	5	6	7
Earthway Rotary	18	20	22
Lesco	K	L	M
PSB Priselawn	6	7	8
Scotts RX7	I	J	K
Scotts R8	L	M	N
Spyker	5	6	7

BROAD SPECTRUM INOCULANT: 66 STRAINS

Bacillus: 46 strains to include

Bacillus subtilis	Bacillus licheniformis
Bacillus megaterium	Bacillus pumulis
Bacillus azotoformans	Bacillus coagulans
Bacillus firmus	Bacillus amyloliquefaceans
Paenibacillus polymyxa	Paenibacillus durum
Bacillus azotoformans	Bacillus coagulans
Geobacillus stearothermophilus	

Endospore formers (survive in harsh environments)
 Free living nitrogen fixers
 Solubilize minerals & nutrients in soil profile
 Enhance nutrient absorption
 Enhance photosynthetic capacity
 Produce plant regulatory compounds (growth promotion)

Pseudomonas: 6 Strains to include

Pseudomonas putida; Pseudomonas fluorescence
Pseudomonas aureofaceans
 Provide increased resistance to abiotic stress
 Produce plant regulatory compounds (growth promotion)
 Enhance photosynthetic capacity
 Free living nitrogen fixers

Streptomycetes: 7 Strains to include

Streptomyces lydicus; Streptomyces griseus,
Streptomyces coelicolor

Prolific enzyme producers (nutrient solubilization)
 Produce plant regulatory compounds (growth promotion)
 Enhance soil structure.

Trichoderma: 7 Strains

Trichoderma reesei; Trichoderma hamatum;
Trichoderma harzianum

Solubilize phosphorous in the soil
 Facilitate nutrient absorption
 Provide increased resistance to abiotic stress

Microbial Nutrients

Dextrose 55.00 %, 10.00% Sucrose,
 3.00 % Amino Acids **Amino Acids to include Methione,**
 3.0 % Vitamin Blend (B Complex, Biotin),
 2.50 % Natural Silica (Drying Agent)

Assure

a Have To Have It

Premium Specialty Fertilizer
For Commercial Use Only

8-0-6

Net wt. 50 lbs

Guaranteed Analysis

Total Nitrogen (N)	8.00%
1.00% Water Soluble Nitrogen	
7.00% Water Insoluble Nitrogen*	
Available Phosphate (P ₂ O ₅)	0.00%
Soluble Potash (K ₂ O)	6.00%
Calcium (Ca)	1.00%
Magnesium (Mg)	0.50%
0.25% Water Soluble Magnesium	
Sulfur (S)	1.00%
1.00% Sulfur, Combined	
Copper (Cu)	0.10%
Iron (Fe)	1.00%
0.50% Water Soluble Iron	
Manganese (MN)	0.10%
0.05% Water Soluble Manganese	
Sodium (Na)	0.10%
Zinc (Zn)	0.10%

Derived from: Feather meal, meat and bone meal, potassium sulfate, kelp meal, ferric oxide, ferrous sulfate, magnesium sulfate, magnesium oxide, manganese sulfate, manganese oxide, zinc oxide, cupric oxide.

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Warning:

Keep from reach of children. Do not inhale or ingest product. May cause irritation to eyes or sensitive skin. Material Safety Data Sheet is available upon request. For longest storage life, keep sealed tightly after opening and store in a dry place.

Guaranteed by Miller Landscaping 815 Brown Rd. Orion MI 48359 248 760 9342

For commercial use only
For greens tees fairways

Application Recommendation:

To hasten results, aerate soil before application and water after applying.

Cool Season: Apply 4 to 6 times annually at a rate of ¼ pounds N/1,000 sq.ft.

Apply 4 to 6 times annually at a rate of 0.3 kg N/square meter.

Warm Season: Apply 4 to 8 times annually at a rate of ¼ pounds N/1,000 sq.ft.

Apply 4 to 8 times annually at a rate of 0.3 kg N/square meter.

Hot Season: Apply 8 to 10 times annually at a rate of ¼ pounds N/1,000 sq.ft.

Apply 8 to 10 times annually at a rate of 0.3 kg N/square meter.

To recover stressed turf, increase application rate by 1.5 times and core aerate.

APPLY ONLY AS DIRECTED

Spreader Setting Information:

READ BEFORE USING PRODUCT

The following spreader settings are approximate and will vary with equipment condition and application technique. You may need to adjust these settings to achieve the desired coverage.

Typical Spreader Settings:		8-2-6
Lbs. N/1,000 sq.ft.	1/2	3/4
Sq.ft./50 lb. Bag	8,000	5,333
Sq. meter/22.7 Kg bag	745	496
Cyclone	5	6
Earthway Rotary	18	20
Lesco	K	L
PSB Priselawn	6	7
Scotts RX7	I	J
Scotts R8	L	M
Spyker	5	6

Warranty Limitations:

There are no warranties that extend beyond the guaranteed analysis on the face hereof. All claims against guarantee are limited to replacement of product or refund or purchase price, or by law

Information regarding the contents and levels of metals in this product is available
On the internet at <http://aapfco.org/metals.htm>.



