



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DNR212046

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

VENDOR

John Deere Landscapes

SHIP TO

DIVISION OF NATURAL RESOURCES
 PIPESTEM STATE PARK
 ATTN: PARK SUPERINTENDENT
 STATE ROUTE 20
 PIPESTEM, WV
 25979 304-466-2804

DATE PRINTED 10/03/2011	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: 11/08/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		335-37	NO BID	
<p>FERTILIZER W/FUNGICIDE AND/OR INSECTICIDE</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES IS SOLICITING BIDS FOR GOLF COURSE CHEMICALS FOR PIPESTEM STATE PARK PER THE ATTACHED SPECIFICATIONS.</p> <p>ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WV PURCHASING DIVISION VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX AT 304-558-4115. DEADLINE FOR TECHNICAL QUESTIONS IS 10/18/2011 AT 4:00 PM. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.:</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO. S: NO. 1</p>						

RECEIVED

2011 NOV -8 A 10:24

PURCHASING DIVISION
STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 800-321-5325	DATE 11/04/2011
TITLE DIRECTOR	FEIN 36-4485550	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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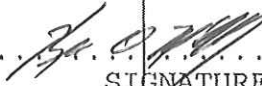
VENDOR

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BID OPENING DATE: 11/08/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
	NO. 2					
	NO. 3					
	NO. 4					
	NO. 5					
<p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">  SIGNATURE John Deere Landscapes COMPANY 11/04/2011 DATE </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p style="text-align: center;">NOTICE</p>						

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BID OPENING DATE: 11/08/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 44</p> <p>RFQ. NO.: DNR212046</p> <p>BID OPENING DATE: 11/08/2011</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- 248-581-1433 -----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): ----- BIDS DEPT EXT 2550 -----</p>						

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SIGNATURE 	TELEPHONE 800-321-5325	DATE 11/04/2011
TITLE DIRECTOR	FAX 36-4485550	ADDRESS CHANGES TO BE NOTED ABOVE

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10/03/2011				

BID OPENING DATE: 11/08/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ DNR212046 ***** TOTAL:						51054.18
W/ALTERNATES						41939.18

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	800-321-5325	11/04/2011
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
DIRECTOR	36-4485550	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GOLF COURSE CHEMICAL SPECIFICATIONS
PIPESTEM RESORT STATE PARK

Item No.	Quantity	Description	Unit Price	Amount
1	120 bags	Milogranite organic fertilizer, 6-2-0 Green Grade, 5.5% water insoluble nitrogen, 0.5% water soluble nitrogen, 2.0% available phosphoric acid, 4.0% iron, 50 lb. bags or equal.	NO BID	NO BID
2	15 gal.	Bensumec, 4LF, 2 - 2 1/2 gallon per case. Active ingredient Bensulide; S-(0, 0-Disopropyl Phosphorodithioate) eater of N-(2-Mercaptoethyl) Benzenensulfonamide 46% inert ingredient 54% or equal. #051448	118.468/gal.	1777.02
3	44 bags	Anderson's fungicide IX, active ingredient chlorobeb 3.2% snow mold control granular Thipohanate methyl 1.63%, 44.7# bag or equal.	NO BID	NO BID
4	120 bags	Milogranite organic fertilizer, 6-0-2 Classic, over 4% iron, slow release, water soluble, 50 lb. bags or equal.	NO BID	NO BID
5	8 cases	Daconil ZN Flowable fungicide, active ingredient Chlorothairnil (Tetrachloroisophthalontrile) 30.5% inert ingredient 61.5%. Made and sold by Zeneca Professional Products or equal #31214(AGENCY)	230.00/cs	1840.00
6	400 bags	18-5-9 Lebanon Country Club medium granular, 7.3% ammoniacal nitrogen, 5.5% water insoluble nitrogen, 5.2% water soluble nitrogen source, ammoniacal phosphate, ammoniacal sulfate of potash, 1% magnesium, 0.2% water soluble magnesium, 6% sulphur, 1% iron total, 0.5% manganese, 0.1% water soluble manganese, 50 lb bags or equal.	31.74/bag	25392.00 #098119
			21.50/bag	17200.00 #098183
7	8 cases	Cleary 3336 WP all water soluble foil packs, 6 x 2 lb, 50% Thiophanate methyl or equal. #091520	166.56/cs.	1428.48
8	4 cases	Banner Maxx, Sygenta, active ingredient Propiconazole 14.3%, 1[[2-(2,4-dichlorophenyl)-4-propyl-1,3 dioxolan-2-yl]methyl]-1H-1, 2, 4-triazole or equal #39961 (AGENCY)	422.00/cs	1688.00
9	100 bags	19-3-19 Anderson's Greens Grade, 100% Methalyne urea, 80 SGN, sulfate of potash or equal. #090729	41.04/bag	4104.00
10	4 cases	Subdue Maxx fungicide, Active ingredients: R-2-((2,6 (AGENCY) dimethylphenyl)-methoxyacetyl-amino)-propionic acid methyl ester 21.3%, (2) 1 gallon containers per case or equal #53195 AGCY	988.00/cs	3992.00
11	6 cases	Fore, Rain Shield, active ingredient Mancozeb, 8 x 6# or equal.	446.40/cs.	2678.40

#091535

All items are to be F.O.B. Destination. Freight or delivery charges must be included in the price of the line item cost.

ALTERNATE ITEMS

- 6.) + Country Club 18-4-12M 59% CRN (#098119)
- 6.) + Country Club 19-0-9 48% CRN MU SGN 195 (#098183)
- 9.) * Country Club 19-0-19E 75% MU AS (#090729)
- 10.) - MEFENOXAM ZAQ FUNGICIDE 1 GALLON EA. UNIT PRICE 919.92/cs / AMOUNT 3679.68

** ALL SPECS ENCLOSED FOR ALTERNATE ITEMS.

000006

GOLF COURSE CHEMICAL SPECIFICATIONS
PIPESTEM RESORT STATE PARK

Item No.	Quantity	Description	Unit Price	Amount
12	300 bags	20-4-10 with 1.15% Team, Lebanon Country Club, 50 lb. bags, Fairway Grade, 39% controlled release or equal.	NO BID	NO BID
13	8 cases	29-2-3 Anderson's Fluid Fertilizer, active ingredient 29% total Nitrogen (12.8% Urea Nitrogen, 16.2% other water soluble Nitrogen) 2% Phosphoric Acid, 3% soluble Potash, 2 - 2.5 gallons per case or equal.	NO BID	NO BID
* 14	6 cases	Chipco Signature, 4 x 5.5#, active ingredient aluminum (0 - ethyl phosphonate 80%. Inert ingredient 20% or equal. #191770	622.40/cs	3734.40
* 15	1 case	Primo Maxx, 11.3% Trinexapac-ethyl, Sygenta, (2) 1 gallon containers per case or equal. #225340 AGENCY (AGENCY)	558.00/cs	558.00
16	10 cases	Dursban 50 WSP insecticide, active ingredient 0,0 - Diethyl - (3,5,6-Trichloro-2-Pyridinyl) Phosphorothioate (Chlorpyrifos 50%) 8 x 1.75 or equal.	NO BID	NO BID
17	100 bags	Bayleton Granular Lebanon Turf Fungicide, contains 1% Bayleton granulate product to be dry-applied. Non-burning, ready to use, composed of Homogeneous dust-free particles. 90 - 95% of the particles should pass through a 10 but not a 70 mesh US sieve. Active ingredient Triadenfon, bulk density, 25 lb. bags or equal.	NO BID	NO BID
18	4 gallon	Rubigan, 1 gallon per case. Active ingredient Ferarimol AK-2-(4-Chorophenyl-5-Pyrimidenemihanol 50% or equal. #086258	377.22/gal.	1508.88
19	8 cases	Daconil Ultrex, Sygenta, 82.5%, Chlorothanil, 4 x 5 lb. per case or equal.	NO BID	NO BID
20	4 gallons	Torque fungicide, active ingredient Tebuconazole (2(4-chlorophenyl)(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol 38.7%, other ingredients 61.3%, contains 3.6 pounds Tebuconazole per gallon or equal. #191755	189.07/gal.	756.28
21	6 cases	Spectro 90 WDG combination using 3336 and Daconil WeatherSilk, 90% water dispersible granule, 72% Chlorothalonil, 18% Thiophanate-methyl, 4 x 5 lb. per case or equal. #191619	266.12/cs.	1596.72
TOTAL			4457.01	51054.18

All items are to be F.O.B. Destination. Freight or delivery charges must be included in the price of the line item cost.

ALTERNATE ITEMS

14.) * Prodigy Signature 80 DG 5.5# EA. (#191770)

15.) * REGIMAX PGR 1 GALLON (#090844) $\frac{\text{UNIT PRICE}}{431.54/\text{CS}} / \frac{\text{AMOUNT}}{431.54}$

** ALL SPECS ENCLOSED FOR ALTERNATE ITEMS

State of West Virginia VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. Application is made for 2.5% resident vendor preference for the reason checked:
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked:
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked:
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked:
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: John Deere Landscapes Signed: [Signature]
 Date: 11/04/2011 Title: DIRECTOR

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

RFQ No. _____

STATE OF WEST VIRGINIA
Purchasing Division
PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: John Deere Landscapes

Authorized Signature: [Signature] Date: 11/04/2011

State of Ohio

County of Cuyahoga, to-wit:

Taken, subscribed, and sworn to before me this 4th day of November, 2011.

My Commission expires 2/22/2014, 2014.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]



MONIQUE POTTS
NOTARY PUBLIC
STATE OF OHIO
My Commission Expires
February 22, 2014

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).

Material Safety Data Sheet

Lebanon Country Club® 18-4-12 Controlled-Release Fertilizer

Lebanon Turf Products
A Division of Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

In case of emergency call:
CHEMTREC 1-800-424-9300
Non-emergency calls:
1-717-273-1685

Section One – Material Identification

Product Name: Lebanon Country Club® 18-4-12 Controlled-Release Fertilizer
Analysis: 18-4-12
Product Code: 21-35577

NFPA Hazard Ratings
Health 1 (Slight)
Flammability 0 (Least)
Reactivity 0 (Least)

Section Two – Hazardous Components

<u>Component Material</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Monoammonium Phosphate	7722-76-1	None	None
Ammonium Sulfate	7783-20-2	None	None
Urea	57-13-6	None	None
Potassium Sulfate	7778-80-5	None	None
Sulfate of Potash-Magnesia	17855-14-0	None	None
Iron Sulfate	7782-63-0	1 mg/m ³	1 mg/m ³
Manganese Sulfate	7785-87-7	5 mg/m ³	5 mg/m ³
Nuisance Dust	N/A	15 mg/m ³ (total dust)	10 mg/m ³ (respirable)

Section Three – First Aid Procedures

Eyes: Flush with water for 15 minutes holding eyelids open. Get medical attention if irritation persists
Ingestion: Never give anything by mouth to an unconscious or convulsing person. Have conscious person drink one to two glasses of water, then induce vomiting until vomit is clear. Call physician.
Skin: Wash completely and thoroughly. If irritation develops, consult a physician.
Inhalation: Remove to fresh air. Treat symptomatically.

Section Four – Health Hazard Information

Summary of Risks: Possible skin or eye irritation, nausea, vomiting, or diarrhea. Inhalation of heavy concentrations of dust which contains manganese over prolonged periods (1-3 years) has been reported to cause damage to the central nervous system.

Primary Entry Route(s): Ingestion, inhalation
Acute Effect(s): See summary
Chronic Effect(s): None known

Medical conditions which may be aggravated by contact: Inhalation of dust may aggravate asthmatic condition. Skin abrasions and sores.

Ingredients Listed as a Carcinogen:

IARC Monographs:	No
NTP:	No
OSHA:	No

Section Five – Personal Protection and Precautions

Personal Protective Equipment

Goggles: Not required for normal use as fertilizer but suggested as means of avoiding contact with eyes.
Gloves: Not required for normal use as fertilizer.
Respirator: If airborne dust levels are high, use of a NIOSH/MSHA approved respirator is recommended.

Workplace Considerations

Ventilation: Adequate ventilation recommended when potential for dust is high.
Safety Stations: Running water should be available in case of eye contact.

Lebanon Country Club® 18-4-12 Controlled-Release Fertilizer, page 2 of 2

Section Six – Physical Hazard Information

Fire and Explosion

Flash Point (Test Method): N/A Flammable Limits (% in Air): N/A Auto Ignition Temperature: N/A

Physical Properties

Appearance: Granular Melting Point: N/A Boiling Point: N/A
Solubility in Water: N/A Specific Gravity: N/A Vapor Pressure: N/A
Evaporation Rate: N/A

Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: None known
Hazardous Decomposition Products: Urea and urea/aldehyde condensation products can generate ammonia in a fire. Oxides of nitrogen, carbon, sulfur, and potassium may also be produced.
Chemical Incompatibilities: None known
Unusual Fire, Explosion, and Reactivity Hazards: Urea and urea/aldehyde condensation products can generate ammonia in a fire. Oxides of nitrogen, carbon, sulfur, and potassium may also be produced.
In Case of Fire: Evacuate area. Flood with water to cool containers. Wear self-contained breathing apparatus. Contain run-off as it may be toxic to aquatic organisms.
Extinguishing Media: CO₂, dry chemical, water fog, or foam.

Section Seven – Regulatory Information

DOT Classification: Not DOT regulated

Section Eight – Storage and Special Precautions

Precautions to be taken in handling and storage

Consult product label. Keep out of reach of children. Avoid bag breakage. Avoid inhalation or contact with skin, eyes, or clothing. Do not contaminate water when disposing of equipment washwaters. Keep out of lakes, streams, or ponds. Store in a clean, dry place. Reseal opened bag(s) by folding top down and securing. Use only clean, dry spreaders. Do not store unused product in spreaders.

In Case of Spills: Sweep up spills. Avoid contact with skin, eyes, or clothing. Wash after handling.

Waste Management/Disposal: Dispose of on-site per label instructions or remove to approved landfill.

Date Revised: January 17, 2005

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: The information contained herein is, to the best of Lebanon's knowledge and belief, accurate and reliable as of the date of preparation or revision. However, no warranties or representations are made concerning the accuracy or completeness of the information and no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Users should determine the degree of suitability of the information for their particular purpose. Lebanon shall not be liable for any damage or injury resulting from abnormal use of product or from failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

LebanonTurf

Country Club 18-4-12

*Fertilizer with 59% CRN,
SOP and 0.8% Iron*



A premium, homogeneous fertilizer based on Meth-Ex 40® methylene urea complex and produced by LebanonTurf's exclusive Composite Technology® granulation process.

GUARANTEED ANALYSIS

Total Nitrogen (N) 18%

- 4.0% Ammoniacal Nitrogen
- 3.1% Water Insoluble Nitrogen
- 3.4% Urea Nitrogen
- 7.5% Other Water Soluble Nitrogen

Available Phosphate (P₂O₅) 4%

Soluble Potash (K₂O) 12%

Sulfur (S) 9.6%

9.6% Combined Sulfur (S)

Iron (Fe) 0.8%

0.8% Water Soluble Iron (Fe)

Manganese (Mn) 0.4%

0.4% Water Soluble Manganese (Mn)

Chlorine (Cl) not more than 2.0%

Derived from: Ammonium Phosphate, Ammonium Sulfate, Methylene Ureas, Urea, Sulfate of Potash, Sulfate of Potash Magnesia, Ferrous Sulfate, Manganese Sulfate

Notice: This product contains the secondary nutrient Iron which may stain concrete surfaces. To avoid discoloration, do not apply on dry or water dampened concrete and remove from these areas promptly after application by sweeping or blowing. Do not wash off with water.

Uses & Features:

Country Club 18-4-12, a premium homogeneous fertilizer produced by LebanonTurf's patented Composite Technology granulation process, 4.5:1:3 fertilizer formulated for use on high-quality, low-cut turf areas. Meth-Ex 40 is the most efficient methylene urea complex available today with over 90% of its nitrogen package being available to the plant in 12-16 weeks.

Specifications:

Product Number: 21-35577

Packaged: 50 LB. Bag, 48 bags/pallet

Rates & Spreader Settings:

Lbs N/M	Lbs per 1,000	Lbs Required for One Acre	Acres Per One Ton	Sq.Ft. Covered Per Bag	Product Required for 25 Acres
0.5	2.8	121	16.5	18,000	61 bags
1.0	5.6	242	8.3	9,000	121 bags
1.5	8.3	363	5.5	6,000	182 bags

Suggested Spreader	Rates in Lbs./1,000 Sq. Ft.	
	5.6	2.8
ProScope® SS/PrizeLAWN® BF-1/SS/CFR III	N	J
PennMulch® HVO/PrizeLAWN® BF-HVO	N	J
Earthway Rotary	16	14
Lesco (letter dial/numeric dial)	J / 21	H / 15
Scotts AccuPro 2000/SR-2000	M	H
Scotts R8A Rotary	M	K
Scotts R7X Rotary	I	E
Spyker Rotary	4.75	3.5

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation, and evenness of terrain may require slightly different settings for desired coverage.

Improving the Way Professionals Care for Turf

Country Club 18-4-12

Description: A granular fertilizer of SGN (Size Guide Number) 145 which features Meth-Ex 40, a high index methylene urea complex nitrogen, and is produced by LebanonTurf's patented Composite Technology™ process, free flowing and substantially noncaking granules which are free of foreign materials.

Analysis:

Total Nitrogen (N)	18%
4.0% Ammoniacal Nitrogen	
3.1% Water Insoluble Nitrogen	
3.4% Urea Nitrogen	
7.5% Other Water Soluble Nitrogen	
Available Phosphate (P₂O₅)	4%
Soluble Potash (K₂O)	12%
Magnesium (Mg)	2.0%
Sulfur (S)	9.6%
9.6% Combined Sulfur	
Iron (Fe)	0.8%
0.8% Water Soluble Iron (Fe)	
Manganese (Mn)	0.4%
0.4% Water Soluble Manganese (Mn)	
Chlorine (Cl) not more than	2.0%

Size: Essentially all particle size shall be -12 + 18 US Standard Sieve (145 SGN)

Packaging: Fertilizer shall be packaged in quality packaging which shall contain a uniform weight of fertilizer not less than 50 pounds in each bag.

Odor: Fertilizer, when applied to the ground and after irrigation or rain, shall be of low odor.

LEBANON FERTILIZER HOMOGENOUS GRADES-MSDS

MANUFACTURER/SUPPLIER: LEBANON SEABOARD CORP.
1600 E. CUMBERLAND ST.
LEBANON, PA USA 17042
INFORMATION PHONE: 800-532-0090
HEALTH EMERGENCY: 888-208-1368 PROSAR
ENVIRONMENTAL EMERGENCY: 800-424-9300 CHEMTREC

PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT: NA
MELTING POINT: NA
FREEZING POINT: NA
POUR POINT: NA
SOFTENING POINT: NA
SPECIFIC GRAVITY: BT .7 1.0
DENS: 45-65 lbs/ft3.
VAPOR PRESSURE: NA
VAPOR DENSITY: NA
PERCENT VOLATILES: NA
EVAPORATION RATE: NA
pH: BT 6 6.5
MOLECULAR WEIGHT: NA
VISCOSITY: NA
SOLUBILITY IN WATER: Slightly soluble.
ODOR/APPEARANCE/OTHER CHARACTERISTICS: Gray-brown colored
granules-no odor
REACTIVITY IN H2O: NA.

FIRE AND EXPLOSION DATA:

CLOSED CUP FLASH PT.: NA
OPEN CUP FLASH POINT: NA
FIRE POINT: NA
AUTO IGNITION: NA
LOWER EXPLOSION LIMIT: NA
UPPER EXPLOSION LIMIT: NA

SHIPPING REGULATIONS:

UN/NA NUMBER: NG
DOT HAZARD CLASS: Not Regulated
SHIPPING LABEL: NG
SHIPPING NAME: NG

PREPARED:

PREPARER'S NAME & TITLE: Not given
PREPARATION DATE: 11/24/08 rev.

COMPONENT(S):

FERTILIZER:

OSHA PEL: 15 mg/m3
ACGIH TLV: 10 mg/m3
STEL: NG ppm
PERCENT OF PRODUCT: NG
CAS NO.: Not given

NOTE:
PEL & TLV: Nuisance dust.

Text Section(s)

IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST): Lebanon Fertilizer -
Various Grades.

000 Lebanon Fertilizer - Homogenous Grades

PRODUCT:

FORMULA: Not given

MSDS NO:

SHIPPING REGULATIONS:

UN/NA NUMBER: NG

DOT HAZARD CLASS: Not Regulated

SHIPPING LABEL: NG

SHIPPING NAME: NG

PREPARED:

PREPARER'S NAME & TITLE: Not Given

PREPARATION DATE: 11/24/08 rev.

HEALTH EMERGENCY TELEPHONE NUMBER: (888)-208-1368 PROSAR

ENVIRONMENTAL EMERGENCY: 800-424-9300 CHEMTREC

TELEPHONE NUMBER FOR INFORMATION: (800) 532-0090

MANUFACTURER/SUPPLIER'S NAME AND ADDRESS:

LEBANON SEABOARD CORPORATION

1600. E. CUMBERLAND ST.

LEBANON, PA 17042

HEALTH EMERGENCY TELEPHONE NUMBER: (888)-208-1368 PROSAR

+

HAZARDOUS INGREDIENTS/IDENTITY

See component page(s) for additional information.

PHYSICAL & CHEMICAL CHARACTERISTICS

See data pages for additional information.

FIRE & EXPLOSION HAZARD DATA

FIRE AND EXPLOSION DATA:

CLOSED CUP FLASH PT.: NA

OPEN CUP FLASH POINT: NA

FIRE POINT: NA

AUTO IGNITION: NA

LOWER EXPLOSION LIMIT: NA

UPPER EXPLOSION LIMIT: NA

EXTINGUISHING MEDIA: Water, foam or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and protective clothing. Do not allow contamination of any water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes may be emitted.

REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None Determined.

INCOMPATIBILITY (MATERIALS TO AVOID): None Determined.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire conditions may emit toxic fumes.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None Determined.

HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

HEALTH HAZARDS (ACUTE AND CHRONIC): Not Determined.

CARCINOGENICITY: Not Determined.

NTP: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

NFPA RATINGS:

HEALTH: 1

FIRE: 0

REACTIVITY: 0

SIGNS AND SYMPTOMS OF EXPOSURE: None Known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known.

EMERGENCY AND FIRST AID PROCEDURES: Remove to fresh air.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a

dry area, away from foodstuffs, other chemicals, and heat sources. Wash hands with soap and water after handling.

OTHER PRECAUTIONS: Avoid breathing dust.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Clean up and use per label directions. If contaminated, place in proper pesticide waste disposal.

WASTE DISPOSAL METHODS (CONSULT FEDERAL, STATE, AND LOCAL REGULATIONS): Wrap carefully, and place in waste disposal. Avoid contamination of any body of water.

SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Nuisance Dust.

VENTILATION: Normal

LOCAL EXHAUST: Possible

MECHANICAL (GENERAL): Not required.

SPECIAL: None.

OTHER: None.

PROTECTIVE GLOVES: Rubber gloves may be used.

EYE PROTECTION: Protective goggles or glasses may be worn.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None needed.

WORK/HYGIENIC PRACTICES: Wash with soap and water after using.

ADDITIONAL/IMPORTANT INFORMATION

None determined.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: although preparer and owner have taken reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). A request has been made to the manufacturer to approve the contents of this material safety data sheet. Upon receipt of any changes a new MSDS will be made available.

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LebanonTurf

Country Club 19-0-19



Fertilizer SOP and 1.3 Iron

A premium, homogeneous fertilizer based on Meth-Ex 40 methylene urea complex and produced by LebanonTurf's exclusive Composite Technology® granulation process.

GUARANTEED ANALYSIS

Total Nitrogen (N)	19%
2.5% Ammoniacal Nitrogen	
3.6% Water Insoluble Nitrogen	
4.2% Urea Nitrogen	
8.7% Other Water Soluble Nitrogen	
Soluble Potash (K₂O)	19%
Sulfur (S)	9.0%
9.0% Combined Sulfur (S)	
Iron (Fe)	1.3%
0.1% Water Soluble Iron (Fe)	
Manganese (Mn)	0.6%
0.6 Water Soluble Manganese (Mn)	
Chlorine (Cl) not more than	2.0%

Derived from: Ammonium Sulfate, Methylene Ureas, Urea, Sulfate of Potash, Ferrous Oxide, Ferrous Sulfate, Manganese Sulfate

Notice: This product contains the secondary nutrient Iron which may stain concrete surfaces. To avoid discoloration, do not apply on dry or water dampened concrete and remove from these areas promptly after application by sweeping or blowing. Do not wash off with water.

Uses & Features:

Country Club 19-0-19 is a premium homogeneous fertilizer that has been sized and formulated as a 1:1 N:K product for greens, tees, and other closely mowed turf, where potash and nitrogen are delivered at the same rate. Country Club contains WIN (19%) and controlled release nitrogen (65%). Sulfate of potash provides potash in a safe and effective form. Also provides sulfur in its combined sulfate state, an essential nutrient form for good turf color. Iron and Manganese are provided largely in the sulfate form for increased plant availability. Formulated with LebanonTurf's Composite Technology, slow-release nitrogen ingredients, Meth-Ex 40 are fused with phosphorous, potassium and micronutrients, creating a completely homogeneous compounded microgranule.

Specifications:

Product Number: 21-42758
 Packaged: 50 LB. Bag, 45 bags/pallet

Rates & Spreader Settings:

Lbs N/M	Lbs per 1,000	Lbs Required for One Acre	Acres Per One Ton	Sq.Ft. Covered Per Bag	Product Required for 25 Acres
0.5	2.6	115	17.4	19,000	57 bags
1.0	5.3	229	8.7	9,500	115 bags
1.5	7.9	344	5.8	6,300	172 bags

Suggested Spreader	Rates in Lbs/1,000 Sq. Ft.	
	5.3	2.6
LebanonTurf Spreader	3.5	1.5
ProScope® SS/PrizeLAWN® BF-1/SS/CBR III	J	F
PennMulch® HVO/PrizeLAWN® BF-HVO	J	F
Earthway Rotary	12	10.5
Lesco (letter dial/numeric dial)	H / 17	D / 14
Scotts AccuPro 2000/SR-2000	H	E
Scotts R8A Rotary	K	G
Scotts R7X Rotary	F	D

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation, and evenness of terrain may require slightly different settings for desired coverage.



**JOHN DEERE
GOLF**

Always Read and Follow Label Directions

Country Club is a registered trademarks of Lebanon Seaboard Corporation
 www.LebanonTurf.com • 1-800-233-0628

MATERIAL SAFETY DATA SHEET

Sipcam Agro USA, Inc. 300 Colonial Center Parkway, Suite 230 Roswell, GA 30076	In Case of Emergency, Call Sipcam Agro USA, Inc.: 770-587-1032 CHEMTREC: 800-424-9300
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GENERAL INFORMATION

1-Slight Health Hazard 0-Noncombustible 0-Nonreactive

Above: Ratings based on NIOSH "Identification System for Occupationally Hazardous Materials" (1974).

TRANSPORTATION INFORMATION

This product is regulated for transportation purposes as follows:

	<u>Yes</u>	<u>No</u>
IATA (Air)		X
IMO (Water)		X
DOT (Land)		X

SARA TITLE III INFORMATION

313 Inventory Ingredients: Chlorothalonil (38.5% wt/wt)
312 Hazards Classification: Acute and Chronic Health (See Section V for Health Hazard Information)

PRODUCT IDENTIFICATION

Product Names: Echo Zn Turf and Ornamental Fungicide
Synonyms (active ingredient): Tetrachloroisophthalonitrile, Chlorothalonil, C8C14N2

HAZARDOUS INGREDIENTS

The substances listed below are those identified as hazardous chemicals under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

<u>Component</u>	<u>CAS No.</u>
Tetrachloroisophthalonitrile	1897-45-6

Exposure Limits for Echo Zn Turf and Ornamental Fungicide:

ACGIH-TLV: Not Established

OSHA-PEL: Not Established

PHYSICAL DATA (*denotes data developed from technical active ingredient)

Boiling Point (760 mm Hg):	100°C (lowest boiling component)
Melting Point:	Not Applicable
Freezing Point:	-5°C
Specific Gravity (H2O=1):	1.24
Vapor Pressure:	*5.72 x 10 ⁻⁷ torr @ 25°C
Vapor Density (Air = 1):	Not Determined
Solubility in H2O, % by Wt.:	*0.6 - 0.9 ppm. Formulation: dispersible in water
% Volatiles by Vol.:	56
Evaporation Rate (Butyl Acetate = 1):	Not Determined
Appearance and Odor:	Liquid, light gray, slight odor
Density at 20°C:	10.84 #/gal
pH:	6 to 8

FIRE AND EXPLOSION DATA

Flash Point:	Nonflammable
Autoignition Temperature:	Not Applicable
Flammable Limits in Air, % by Volume:	Noncombustible
Lower:	Not Applicable
Upper:	Not Applicable
Extinguishing Media:	Carbon dioxide, foam, dry chemical or water.
Special Fire Fighting Procedures:	Self-contained breathing apparatus should be provided for firefighters.
Unusual Fire and Explosion Hazards:	May decompose under fire conditions emitting toxic and irritant gases (i.e. hydrogen chloride) to the respiratory tract.

HEALTH HAZARD INFORMATION

Oral LD50 (rat):	4,100 mg/kg; Category III
Dermal LD50 (rabbit):	>2,000 mg/kg; Category III
Inhalation (4-hour) LC50 (rat):	0.13 mg/liter of air; Category II
Primary Dermal Irritation Index (rabbit):	Mild dermal irritant; Category IV
Primary Eye Irritation (rabbit)	Moderate irritation, clearing by 7 days; Category III

Effect of Exposure

Inhalation:	May cause irritation to the respiratory tract.
Skin Contact:	Mildly irritation to skin. Material rarely causes an allergic reaction.
Skin Absorption:	Not readily absorbed through intact skin.
Eye Contact:	Human experience indicates that this product may cause mild to severe irritation, depending on degree of exposure. No evidence of permanent damage has been found.
Ingestion:	May cause irritation of the gastrointestinal tract following ingestion of large amounts.

Emergency and First Aid Procedures

Eyes: IMMEDIATELY flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention immediately.

Skin: Wash with plenty of soap and water. Remove contaminated clothes and footwear. Wash clothing and decontaminate footwear before reuse. Seek medical attention if irritation persists.

Inhalation: Remove person from contaminated area to fresh air or employ proper respiratory protection until adequate ventilation or other control measure is restored. If symptoms develop, seek medical attention.

Ingestion: If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. Seek medical attention.

NOTES TO PHYSICIAN

Persons having temporary irritation symptoms respond to treatment with antihistamines or steroid creams and/or systemic steroids.

Effects of Chronic Overexposure

Repeated excessive dermal exposure may cause marked skin irritation and may increase the possibility of allergic reactions. Studies on rats and mice have suggested that technical chlorothalonil, when fed at high levels in the diet, may have oncogenic potential to these laboratory animals. However, neither chlorothalonil nor its metabolites interact with DNA and thus are not mutagenic. Tumor formation has been related to a non-genotoxic mechanism of action from which threshold levels have been established on rats and mice. Comprehensive dietary and worker exposure studies have shown exposure levels for humans to be well below these threshold levels - in addition, surveillance of chlorothalonil plant workers for many years has not demonstrated any increase in oncogenic potential to humans.

REACTIVITY DATA

Conditions Contributing to Instability: Under normal use conditions, this product is stable.

Incompatibility: Not known.

Hazardous Decomposition Products: May decompose under fire conditions emitting gases and vapors (i.e. hydrogen chloride) which may be toxic and irritating to the respiratory tract.

Conditions Contributing To Hazardous Polymerization: Material not known to polymerize.

SPILL OR LEAK PROCEDURES

Steps To Be Taken If Material Is Released Or Spilled:

This product is toxic to fish. Keep out of lakes, streams or ponds. Contain spills. Remove as much as possible by shoveling and sweeping. Place contaminated materials in closed, labeled containers and store in a safe place to await proper disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Persons performing this work should wear adequate personal protective equipment and clothing.

Waste Disposal Method:

Waste portions of this product and contaminated absorbent materials may be disposed of by incineration provided the following conditions are observed:
Incinerate in a suitable oven fed by a mixture of air and methane, at 1100-1200° C temperature;
The HCl which may form in the incinerator exhaust gas must be conveyed into an aqueous absorption system containing 18-20% of Ca(OH)₂.

INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements

Good industrial hygiene practice dictates that indoor work areas be isolated and provided with adequate local exhaust ventilation. Work upwind in out-of-doors batch operations.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY: NIOSH - approved dust respirators or pesticide respirators

EYE: Chemical goggles or face shields.

GLOVES: Wear protective chemical-resistant gloves to minimize skin contact. Special precautions should be taken so product cannot get inside gloves.

OTHER CLOTHING AND EQUIPMENT

Protective clothing consisting of long sleeve shirt and long pants, should be worn when handling this product. The clothing should be changed at least daily. Persons exposed routinely to this active material should shower prior to leaving work each day. Safety shower and eye-wash stations should be provided in all areas in which this product is stored and/or handled. Contaminated clothing should be removed and washed thoroughly before re-using.



SIPCAM AGRO USA, INC.

ECHO[®] Zn

TURF AND ORNAMENTAL FUNGICIDE

ACTIVE INGREDIENT: Chlorothalonil (tetrachloroisophthalonitrile).....	38.5%
INERT INGREDIENTS:	61.5%
TOTAL	100.0%

Contains 4.17 Pounds Chlorothalonil Per Gallon (500 grams per liter)

**KEEP OUT OF REACH OF CHILDREN
WARNING - AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail).

FIRST AID

IF INHALED	<ul style="list-style-type: none"> • 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.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have affected person sip a glass of water if able to swallow. • Do not induce vomiting unless told by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Emergency phone numbers	(800) 424-9300 CHEMTREC (transportation and spills) (800) 900-4044 Poison Control Center (human health) (800) 345-4735 ASPCA (animal health)
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NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Persons having a temporary allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.

See Inside Panel For Additional Precautionary Statements. Shake well before using.

Net Contents: 2.5 gallons

EPA REG. NO. 60063-4

ECHO is a registered trademark of Sipcaml Agro USA, Inc.

MANUFACTURED FOR:
SIPCAM AGRO USA, INC.
300 COLONIAL CENTER PKWY, SUITE 230
ROSWELL, GA 30076

EPA EST. NO. 070989-AR-01

LEBANON FERTILIZER HOMOGENOUS GRADES-MSDS

MANUFACTURER/SUPPLIER: LEBANON SEABOARD CORP.

1600 E. CUMBERLAND ST.

LEBANON, PA USA 17042

INFORMATION PHONE: 800-532-0090

HEALTH EMERGENCY: 888-208-1368 PROSAR

ENVIRONMENTAL EMERGENCY: 800-424-9300 CHEMTREC

PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT: NA

MELTING POINT: NA

FREEZING POINT: NA

POUR POINT: NA

SOFTENING POINT: NA

SPECIFIC GRAVITY: BT .7 1.0

DENS: 45-65 lbs/ft³.

VAPOR PRESSURE: NA

VAPOR DENSITY: NA

PERCENT VOLATILES: NA

EVAPORATION RATE: NA

pH: BT 6 6.5

MOLECULAR WEIGHT: NA

VISCOSITY: NA

SOLUBILITY IN WATER: Slightly soluble.

ODOR/APPEARANCE/OTHER CHARACTERISTICS: Gray-brown colored
granules-no odor

REACTIVITY IN H₂O: NA.

FIRE AND EXPLOSION DATA:

CLOSED CUP FLASH PT.: NA

OPEN CUP FLASH POINT: NA

FIRE POINT: NA

AUTO IGNITION: NA

LOWER EXPLOSION LIMIT: NA

UPPER EXPLOSION LIMIT: NA

SHIPPING REGULATIONS:

UN/NA NUMBER: NG

DOT HAZARD CLASS: Not Regulated

SHIPPING LABEL: NG

SHIPPING NAME: NG

PREPARED:

PREPARER'S NAME & TITLE: Not given

PREPARATION DATE: 11/24/08 rev.

COMPONENT(S):

FERTILIZER:

OSHA PEL: 15 mg/m3
ACGIH TLV: 10 mg/m3
STEL: NG ppm
PERCENT OF PRODUCT: NG
CAS NO.: Not given

NOTE:
PEL & TLV: Nuisance dust.

Text Section(s)

IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST): Lebanon Fertilizer -
Various Grades.

000 Lebanon Fertilizer - Homogenous Grades

PRODUCT:

FORMULA: Not given

MSDS NO:

SHIPPING REGULATIONS:

UN/NA NUMBER: NG

DOT HAZARD CLASS: Not Regulated

SHIPPING LABEL: NG

SHIPPING NAME: NG

PREPARED:

PREPARER'S NAME & TITLE: Not Given

PREPARATION DATE: 11/24/08 rev.

HEALTH EMERGENCY TELEPHONE NUMBER: (888)-208-1368 PROSAR

ENVIRONMENTAL EMERGENCY: 800-424-9300 CHEMTREC

TELEPHONE NUMBER FOR INFORMATION: (800) 532-0090

MANUFACTURER/SUPPLIER'S NAME AND ADDRESS:

LEBANON SEABOARD CORPORATION

1600. E. CUMBERLAND ST.

LEBANON, PA 17042

HEALTH EMERGENCY TELEPHONE NUMBER: (888)-208-1368 PROSAR

+

HAZARDOUS INGREDIENTS/IDENTITY

See component page(s) for additional information.

PHYSICAL & CHEMICAL CHARACTERISTICS

See data pages for additional information.

FIRE & EXPLOSION HAZARD DATA

FIRE AND EXPLOSION DATA:

CLOSED CUP FLASH PT.: NA

OPEN CUP FLASH POINT: NA

FIRE POINT: NA

AUTO IGNITION: NA

LOWER EXPLOSION LIMIT: NA

UPPER EXPLOSION LIMIT: NA

EXTINGUISHING MEDIA: Water, foam or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and protective clothing. Do not allow contamination of any water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes may be emitted.

REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None Determined.

INCOMPATIBILITY (MATERIALS TO AVOID): None Determined.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire conditions may emit toxic fumes.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None Determined.

HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

HEALTH HAZARDS (ACUTE AND CHRONIC): Not Determined.

CARCINOGENICITY: Not Determined.

NTP: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

NFPA RATINGS:

HEALTH: 1

FIRE: 0

REACTIVITY: 0

SIGNS AND SYMPTOMS OF EXPOSURE: None Known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known.

EMERGENCY AND FIRST AID PROCEDURES: Remove to fresh air.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a

dry area, away from foodstuffs, other chemicals, and heat sources. Wash hands with soap and water after handling.

OTHER PRECAUTIONS: Avoid breathing dust.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Clean up and use per label directions. If contaminated, place in proper pesticide waste disposal.

WASTE DISPOSAL METHODS (CONSULT FEDERAL, STATE, AND LOCAL REGULATIONS): Wrap carefully, and place in waste disposal. Avoid contamination of any body of water.

SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Nuisance Dust.

VENTILATION: Normal

LOCAL EXHAUST: Possible

MECHANICAL (GENERAL): Not required.

SPECIAL: None.

OTHER: None.

PROTECTIVE GLOVES: Rubber gloves may be used.

EYE PROTECTION: Protective goggles or glasses may be worn.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None needed.

WORK/HYGIENIC PRACTICES: Wash with soap and water after using.

ADDITIONAL/IMPORTANT INFORMATION

None determined.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: although preparer and owner have taken reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). A request has been made to the manufacturer to approve the contents of this material safety data sheet. Upon receipt of any changes a new MSDS will be made available.

//

FAIRWAY GRADE FORMULA

HOMOGENEOUS GRANULES FOR PROFESSIONAL TURF

COVERS 9,000 SQ. FT.

19-0-9



GUARANTEED ANALYSIS

Total Nitrogen	19%
8.3% Ammoniacal Nitrogen	
5.5% Water Insoluble Nitrogen*	
1.6% Urea Nitrogen	
3.6% Other Water Soluble Nitrogen*	
Soluble Potash (K ₂ O).....	9%
Magnesium (Mg).....	1.0%
0.2% Water Soluble Magnesium (Mg)	
Sulfur (S).....	8.0%
8.0% Combined Sulfur (S)	
Iron (Fe)	0.5%
0.5% Water Soluble Iron (Fe)	
Manganese (Mn)	0.25%
0.25% Water Soluble Manganese (Mn)	
Derived From: Ammonium Sulfate, Methylene Ureas, Urea, Sulfate of Potash, Sulfate of Potash Magnesia, Ferrous Sulfate, Manganese Sulfate.	
Chlorine (Cl) not more than.....	2.0%
9.1% Slowly Available Nitrogen from Methylene Ureas.	



F699 **21-35595**

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-lebsea.com>

NOTICE: This product contains the secondary nutrient iron. Iron may stain concrete surfaces and should not be applied on dry or water dampened concrete and should be removed from these areas promptly after application by sweeping or blowing. Do not wash off with water.

DIRECTIONS FOR USE: Apply anytime during the turf growing season; however, when weather is extremely hot, it is best to delay or reduce fertilizer applications. To feed at the rate of 1 lb. Nitrogen per 1,000 sq. ft., apply this product at 5.26 lbs. per 1,000 sq. ft. or 229 lbs. per acre.

SUGGESTED SPREADER SETTINGS											
Spreader	Speed		Width of Coverage	Settings		Spreader	Speed		Width of Coverage	Settings	
	Ground MPH	PTO RPM		Regular (1#N)	Half (½#N)		Ground MPH	PTO RPM		Regular (1#N)	Half (½#N)
LebanonTurf / Spyker	3		8 ft.	4	3½	PennMulch® HVO	3		8 ft.	N	J
Cyclone®	3		8 ft.	5	4	Prizelawn BF & CBR III	3		8 ft.	N	J
Earthway® Rotary	3		8 ft.	18	15	Prizelawn CBR II	3		8 ft.	5½	4
Ezee Flow (109)	5	540	30 ft.	C3	C2	Prizelawn LF-1	3		8 ft.	4	3
Gandy®	3			30	26	ProScape® SS	3		8 ft.	N	J
Lely (HR, 1250, 1500, 2010)	5		39 ft.	7II	5½II	Republic® Rotary	3		6 ft.	5½	3½
Lely (W)	5	425	39 ft.	7II	5½II	Scotts® AccuPro®	3		8 ft.	M	H
Lesco® (Letter Dial)	3		8 ft.	K	H	Scotts® (Rotary) R7X	3		8 ft.	J	F
Lesco® (Numeric Dial)	3		8 ft.	22	16	Scotts® (Rotary) R8A	3		8 ft.	L	K
Ortho® Rotary	3		6 ft.	5½	3½	Vicon (all models)	5	540	35 ft.	30	22

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation, and evenness of terrain may require slightly different settings for desired coverage.



**MATERIAL SAFETY
DATA SHEET #3040-0**

1301 East 9th Street, Suite 1300, Cleveland, OH 44114-1849
EMERGENCY PHONE: LESCO: (800) 321-5325
CHEMTREC: (800) 424-9300

DATE ISSUED: 3/15/10
SUPERSEDES: NEW

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO Spectator Ultra 1.3 Fungicide
Chemical Family: Thiazoles
Chemical Name/Synonyms: Propiconazole

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Propiconazole	14.3	60207-90-1	NE
Other ingredients including: Tetrahydrofurfuryl Alcohol (THFA)	85.7	97-99-4	NE

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Primary Route(s) of Entry: Eyes, Skin, Inhalation, Ingestion
POTENTIAL HEALTH EFFECTS: Warning: Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist.
EYE: Causes substantial but temporary eye injury. Vapors and mist may cause pain, redness and tearing.
SKIN: Minimally toxic and slightly irritating based on toxicity studies.
INHALATION: Low inhalation toxicity based on toxicity studies. Overexposure to THFA component may cause dizziness, blurred vision, nausea, vomiting or headaches.
INGESTION: Slightly toxic based on toxicity studies.
MEDICAL CONDITIONS AGGRAVATED: Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.
POTENTIAL ENVIRONMENTAL HAZARDS: This product is toxic to fish. 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 contaminate water when disposing of equipment washwater.

IV. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
SKIN: 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.
INHALATION: 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.
INGESTION: 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 by mouth to an unconscious person.
NOTES TO MEDICAL DOCTOR: If ingested, induce emesis or lavage stomach. Treat symptomatically.

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): >221F/>105C (PMA-4)	Auto Ignition Temperature: ND
Lower Explosion Limits: ND	Upper Explosion Limits: ND
NFPA/HMIS Rating: Health: 2	Fire: 2 Reactivity: 0

EXTINGUISHING MEDIA:

Large Fires:

_X_Foam _Alcohol Foam _CO₂ _Dry Chemical _X_Water Spray
_Other

Small Fires:

_Foam _Alcohol Foam _X_CO₂ _X_Dry Chemical _Water Spray
_Other

EXPLOSION HAZARDS: Containers will burst from internal pressure under extreme fire conditions. If water is used to fight fire or cool containers, dike to prevent run-off contamination of municipal sewers and waterways.

FIRE FIGHTING PROCEDURES: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full fire-fighting turn out gear. Dike area to prevent run-off and contamination of water sources. Dispose of fire control water later.

HAZARDOUS COMBUSTION PRODUCTS: No Data

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled, prevent material from entering public sewer systems or any waterways. Do not flush to drain. Large spills to soil or similar surfaces may necessitate removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal. Dike spill using absorbent or impervious materials such as earth, sand or clay. Collect and contain contaminated absorbent and dike material for disposal. Pump any free liquid into an appropriate closed container. Collect washings for disposal. Decontaminate tools and equipment following cleanup. Large spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Store away from food, feed and drinking water. Do not get in eyes or on clothing. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/Personal Protective Equipment (PPE) immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

OTHER PRECAUTIONS: Store in original container in a cool area out of the reach of children. Do not contaminate water, food, or feed by storage or disposal. Keep out of reach of children.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Where engineering controls are indicated by specific use conditions or a potential for excessive exposure, use local exhaust ventilation at the point of generation.

PERSONAL PROTECTION EQUIPMENT:

EYES AND FACE: Face shield or goggles.

RESPIRATORY: Not normally required. If vapors or mists exceed acceptable levels, wear NIOSH approved air-purifying respirator with cartridges/canisters approved for use against pesticides.

GLOVES: Chemical-resistant gloves such as barrier laminate, or butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC), Viton (all \geq 14 mils)

PROTECTIVE CLOTHING: Long-sleeved shirt and long pants, shoes plus socks, and a chemical-resistant apron when cleaning equipment, mixing, or loading.

WORK HYGIENIC PRACTICES: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

COMMENTS: An emergency eyewash station, shower or water supply should be readily accessible to the work area.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: No Data
MELTING POINT: NA

SPECIFIC GRAVITY: No Data
EVAPORATION RATE: ND

VAPOR DENSITY (air = 1): ND
ODOR: Slight solvent odor
APPEARANCE: Amber liquid
pH: 5 – 6 (1% solution)

VAPOR PRESSURE: ND
SOLUBILITY IN WATER: Soluble
PERCENT VOLATILE: No Data
DENSITY (lbs./gal): 9.06

X. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Excessive heat. Do not store near heat or flame.

STABILITY: Stable

POLYMERIZATION: Will not occur

INCOMPATIBLE MATERIALS: Strong oxidizing agents: bases and acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Under fire conditions, may produce gases such as hydrogen chloride and oxides of carbon and nitrogen.

XI. TOXICOLOGICAL INFORMATION

EYE EFFECTS: (Rabbit): Moderately irritating

SKIN EFFECTS: (Rabbit): Slightly irritating

DERMAL LD₅₀: (Rat): > 5,000 mg/kg

ORAL LD₅₀: (Rat): 3,129 mg/kg (female) (estimated based on mortalities for doses tested)

INHALATION LC₅₀: (Rat 4-hr): >2.02 mg/L

SENSITIZATION: (Guinea pig): Not a skin sensitizer

ACUTE EFFECTS FROM OVEREXPOSURE: Repeated overexposure to propiconazole may cause effects to liver. Repeated overexposure to THFA may cause effects to eyes, respiratory system and central nervous system.

CHRONIC EFFECTS FROM OVEREXPOSURE:

Propiconazole has been shown to cause an increased incidence of benign liver tumors in male mice at extremely high doses. No treatment-related tumors were seen in female mice in the same study or in a separate rat study. Prolonged overexposure to THFA may affect the kidneys.

Propiconazole did not demonstrate reproductive effects in animal studies. In animal studies, THFA may cause adverse reproductive effects.

CARCINOGENICITY:

IARC: Not Listed

NTP: Not Listed

OSHA: Not Listed

OTHER: ACGIH: Not Listed

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: This pesticide is toxic to fish. 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 contaminate water when disposing of equipment washwater.

Propiconazole is persistent and relatively immobile in most soil and aqueous environments.

Propiconazole degradation in the aquatic environment appears to be dependent solely on aqueous photolysis. In the soil, propiconazole dissipation appears to be dependent on binding to soil organic matter content. The average half-life in soils ranges from months to a year.

ECOTOXICOLOGICAL INFORMATION:

Data on Propiconazole Technical:

96-hour LC ₅₀ Bluegill:	1.3 ppm	Bobwhite Quail Oral LD ₅₀ :	2,825 mg/kg
96-hour LC ₅₀ Rainbow Trout:	0.85 ppm	Bobwhite Quail 8-day Dietary LC ₅₀ :	>5,620 ppm
48-hour LC ₅₀ Daphnia magna:	4.8 ppm	Mallard Duck Oral LD ₅₀ :	2,510 mg/kg
96-hour LC ₅₀ Mysid:	0.51 ppm	Mallard Duck 8-day Dietary LC ₅₀ :	>5,620 ppm
48-hour Honey Bee LD ₅₀ :	>25 µg/bee		

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

Product: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

Container: Nonrefillable 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, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

XIV. TRANSPORTATION INFORMATION:

DOT Transportation:

Not Regulated

IMDG:

UN 3082, Environmentally Hazardous Substance, Liquid, NOS, (Propiconazole), 9, PGIII, Marine Pollutant

Proper Shipping Name:

NA

HM 181 Shipping Name:

NA

Hazard Class:

NA

ID NO.:

NA

U.S. Surface Freight Class:

Agricultural Fungicides, Liquid, NOIBN

Reportable Quantity (RQ):

NA

XV. REGULATORY INFORMATION – UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**SEC 311/312:**Y Immediate (Acute Health)Y Delayed (Chronic Health)N FireN Sudden Release of PressureN Reactivity**SEC 302 (Extremely Hazardous Substance):** NA**SEC 304 (Emergency Release Notification):** NA**SEC 313 (Toxic Chemicals):** Propiconazole (14.3%; CAS #60207-90-1)**CERCLA RQ:** NA**CAA RQ:** NA**EPA Registration No.:** 228-623-10404

NOTE: NA=Not Applicable; ND=Not Determined; NE=Not Established

Preparation and distribution of this Material Safety Data Sheet is done for LESCO, Inc., pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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For further information, contact: LESCO, Inc. • 1301 East 9th Street, Suite 1300 • Cleveland, OH 44114-1849 or (800) 321-5325.

LESCO® SPECTATOR™ Ultra 1.3 FUNGICIDE

Broad Spectrum and Systemic Disease Control for Turf and Ornamentals and
A Flare Root-Injected* Systemic Fungicide for Control of Selected Diseases in Trees
*Flare Root-Injected uses are not registered for use in CA & NY.

ACTIVE INGREDIENT:	
Propiconazole	14.3%
OTHER INGREDIENTS:	85.7%
TOTAL	100.0%
Contains 1.3 lbs. active ingredient per gallon	

KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

See inside label booklet for **FIRST AID** and **PRECAUTIONARY STATEMENTS**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300.
For Medical Emergencies Only, Call (877) 325-1840.

#0914580

NET CONTENTS: 1 gal. (3.79 L)

TM

EPA Reg. No. 228-623-10404
EPA Est. No. 34704-MS-002

Distributed by: **LESCO, Inc.**
1385 East 36th Street
Cleveland, OH 44114-4114

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and the sweeping design are trademarks of LESCO Technologies, LLC.

Farmsaver.com
911 Western Avenue
Suite 206
Seattle, WA 98104
800-979-8994

"For Chemical Emergency"
 Spill, Leak, Fire, Exposure or Accident, Call:
 Chemtrec (24 Hours): (800) 424-9300
 Outside U.S., call collect: (703) 527-3887

MATERIAL SAFETY DATA SHEET

3696

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: <p style="text-align: center;">Quali-Pro Mefenoxam 2 AQ</p>	CHEMICAL FORMULA: <p style="text-align: center;">(R)-2- [(2,6-dimethylphenyl)-methoxyacetylamino] – propionic acid methyl ester</p>
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SECTION 2 - HAZARDOUS INGREDIENT INFORMATION

Section 313 of SARA Title III: Ingredients subject to reporting are identified by asterisk (*)

CAS NO.	COMPONENT	%	ACGIH TLV	OSHA PEL	OTHER
70630-17-0	Mefenoxam	22.5	N/A	N/A	N/A
	Inert Ingredients	77.5			

SECTION 3 - PHYSICAL PROPERTIES

BOILING POINT: <p style="text-align: center;">N/E</p>	MELTING POINT: <p style="text-align: center;">N/E</p>	Specific gravity @ 20 C <p style="text-align: center;">1.07</p>	VAPOR PRESSURE (mmHg) <p style="text-align: center;">2.5 X 10⁻⁵ @ 25 C</p>
VAPOR DENSITY (AIR=1): <p style="text-align: center;">N/A</p>	% SOLUBILITY IN WATER: <p style="text-align: center;">Miscible</p>	% VOLATILE BY WEIGHT: <p style="text-align: center;">N/E</p>	
APPEARANCE: <p style="text-align: center;">Amber liquid</p>	ODOR: <p style="text-align: center;">Sweet</p>	PH (~1% in water @ 25 C) <p style="text-align: center;">6-8</p>	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD: <p style="text-align: center;">>200 F (TCC)</p>	FLAMMABLE LIMITS IN AIR - LEL: UEL: <p style="text-align: center;">N/A</p>
--	--

EXTINGUISHING MEDIA:

Alcohol Foam, CO₂, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES:

Wear Self-Contained Breathing Apparatus and full protective clothing

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Can decompose at high temperatures causing toxic gases.

SECTION 5 - REACTIVITY DATA

STABILITY: **Stable**

HAZARDOUS POLYMERIZATION: **Will not occur**

HAZARDOUS DECOMPOSITION PRODUCTS:

During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

CONDITIONS & MATERIALS TO AVOID:

None known

SECTION 6 - PROTECTIVE EQUIPMENT & EXPOSURE CONTROL METHODS

RESPIRATORY PROTECTION:

NOISH-Approved respirator with air purifying cartridge

VENTILATION	LOCAL EXHAUST: ACCEPTABLE	MECHANICAL: ACCEPTABLE	SPECIAL: NOT REQUIRED	OTHER: NONE
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PROTECTIVE GLOVES:

Nitrile or butyl rubber gloves

EYE PROTECTION:

Safety glasses with side shields or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Head covering, Rubber boots

WORK/HYGIENIC PRACTICES:

Prevent eating, drinking, tobacco use and cosmetic application where product is being used. Wash thoroughly after handling

PRODUCT NAME: Quali-Pro Mefenoxam 2 AQ

SECTION 7 - HEALTH HAZARDS

PRIMARY ROUTES OF ENTRY:

SKIN AND EYES

CARCINOGEN:

None known

NTP:

N/A

IARC MONOGRAPHS:

N/A

OSHA:

N/A

INHALATION:

Slightly toxic. A NIOSH-certified combination air-purifying respirator with an N, P, R95 or HE class filter and an organic vapor cartridge may be permissible if airborne concentrations are expected to exceed exposure limits.

EYE CONTACT:

Surfactant package contains a mild irritant of the eye. Can cause irritation.

SKIN CONTACT:

Slightly toxic. Non-irritating. Does not cause sensitization reactions.

INGESTION:

ORAL LD50 (RAT) >2,000 mg/kg. Slightly toxic. The surfactants in finished product can cause GI irritation and nausea.

SECTION 8 - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT:

Immediately flush eyes with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes then continue flushing eyes. Get medical attention if irritation persists.

SKIN CONTACT:

Remove contaminated clothing. Wash affected area thoroughly with soap and water. Get medical attention if irritation occurs.

INHALATION:

Leave the area immediately and get fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

INGESTION:

Have person sip of a glass of water if possible. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless instructed to do so by a physician. Immediately contact a physician or poison control center.

SECTION 9 - SPILL, LEAK & DISPOSAL INFORMATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Use proper personal protective equipment. For a small spill, cover with absorbent material like pet litter. Sweep up and place in a container and assure proper disposal. Wash spill area with water containing a hard water detergent such as Tide or Spic-N-Span then absorb with absorbent material and place in container for disposal. Flush area with water to remove residue. Do not allow wash water to contaminate water supplies.

WASTE DISPOSAL METHOD:

Do not reuse product containers. Dispose of in an approved waste disposal area in accordance with local, state and federal regulations.

SECTION 10 – SHIPPING DATA

FREIGHT CLASSIFICATION:

Fungicides, NOIBN.

SECTION 11 - SPECIAL PRECAUTIONS & OTHER INFORMATION

SPECIAL INSTRUCTIONS:

Keep container closed when not in use.

OTHER INFORMATION/PRECAUTIONS:

COMMON ABBREVIATIONS THAT MAY HAVE BEEN USED: N/A = NOT APPLICABLE N/E = NOT ESTABLISHED

The information provided on this Material Safety Data Sheet is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of FarmSaver.com. The data on this sheet relates only to the specific material designated herein. FarmSaver.com assumes no legal responsibility for the accuracy or completeness of this data, nor for use or reliance upon this data.

DATE: 10/7/04

QUALI-PRO™

Mefenoxam 2 AQ

An aqueous flowable fungicide for the control of certain diseases in various turf, nursery, and ornamental crops caused by the Oomycete class of fungi.

Active Ingredient:

Mefenoxam*: (R)-2-[(2,6-dimethylphenyl) methoxyacetyl]amino propionic acid methyl ester 22.5%

Other Ingredients: 77.5%

Total: 100.0%

*Contains 2 lbs. active ingredient per gallon.

EPA Reg. No. 70252-11-73220

EPA Est. No. 37429-GA-2

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of soap and water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor.• Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger.• Do not induce vomiting or give anything by mouth to an unconscious person.
HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR OR GOING FOR TREATMENT. For medical emergencies involving this product, call 1-800-308-5391.	
NOTE TO PHYSICIAN: If ingested, induce emesis or lavage stomach. Treat symptomatically.	

See additional Precautionary Statements and Directions for Use inside booklet.

Manufactured for FarmSaver.com, LLC • P.O. Box 21365 • Seattle, WA 98111

Net Contents: 2.5 Gallons (9.48 liters)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through the skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Specimen Label

Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

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 contaminate water when disposing of equipment wash waters or rinsate.

Groundwater Advisory

This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas. Exception: If the product is soil incorporated, or applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas if there will be no contact with anything that has been treated. The REI for chemigation via microsprinklers, floor drip, and drip line irrigation is zero hours. The REI for soil surface applications is zero hours after sufficient rainfall occurs or overhead or hand held irrigation is used to thoroughly wash the product into the soil and off any foliage.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without footwear until sprays have dried.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL OR CROP INJURY.

GENERAL INFORMATION

Quali-Pro Mefenoxam 2 AQ is an aqueous flowable systemic fungicide for use on selected turf, nursery, and ornamental crops to control certain diseases caused by members of the Oomycete class of fungi. Other fungicides must be used to control diseases incited by other classes of fungi.

LESCO®

PRODIGY™ *Signature*™

TURF FUNGICIDE

TM

ACTIVE INGREDIENT: Aluminum tris (O-ethyl phosphonate)	80.0%
OTHER INGREDIENTS:	20.0%
Total	100.0%

EPA Reg. No. 432-890-10404

EPA Est. No. 432-TX-1

KEEP OUT OF REACH OF CHILDREN CAUTION • PRECAUCIÓN

For MEDICAL and TRANSPORTATION Emergencies ONLY Call CHEMTREC 24 Hours A Day 1-800-424-9300.
For PRODUCT USE Information Call 1-800-321-5325.

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • 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 by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • 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 inhaled:	<ul style="list-style-type: none"> • 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through the skin or inhaled. Causes moderate eye injury. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks, and protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove PPE clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

06/30/11



MATERIAL SAFETY DATA SHEET #3014

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1301 East 9th Street, Cleveland, OH 44114-1849
EMERGENCY PHONE: LESCO: (800) 321-5325
CHEMTREC: (800) 424-9300

DATE ISSUED: 12/19/01
SUPERSEDES:

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO Prodigy Signature 80 DG Fungicide
Chemical Family: Not Applicable
Chemical Name/Synonyms: Ethyl Hydrogen Phosphonate, Fosetyl-AL

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Formulated with one or more of the following ingredients. Check specific product label.			
Aluminum Tris (O-Ethyl Phosphonate)	80	39148-24-8	2 mg/M ³
Crystalline silica as quartz	<0.25	14808-60-7	0.1 mg/m ³ as respirable dust
Other ingredients (trade secret)	Balance	Not Applicable	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Primary Route(s) of Entry: Eye, Skin, Inhalation, Ingestion
POTENTIAL HEALTH EFFECTS: Harmful if inhaled, swallowed or absorbed through skin. Causes moderate eye injury. This product contains ingredients that are considered to be probable or suspected human carcinogens.
EYE: Irritant. Causes redness, tearing.
SKIN: Harmful if absorbed through skin. Irritant. Causes redness, swelling.
INHALATION: Harmful if inhaled. May cause upper respiratory tract irritation.
INGESTION: Harmful if ingested.
MEDICAL CONDITIONS AGGRAVATED: Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

IV. FIRST AID MEASURES

EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.

SKIN: In case of contact, immediately wash with plenty of soap and water for at least 15 minute. Seek medical attention. Remove contaminated clothing and shoes while washing. Clean contaminated clothing and shoes before reuse or discard if they cannot be thoroughly cleaned.

INHALATION: Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR (cardio-pulmonary resuscitation). Seek medical attention.

INGESTION: If victim is conscious and alert, give 2 – 3 glasses of water to drink and induce vomiting by touching back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

NOTES TO MEDICAL DOCTOR: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote available.

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): Not Applicable

Auto Ignition Temperature: Not Applicable

Lower Explosion Limits: Not Applicable

Upper Explosion Limits: Not Applicable

NFPA/HMIS Rating: Health: 2

Fire: 0

Reactivity: 1

EXTINGUISHING MEDIA: Foam

Alcohol Foam

Dry Chemical

Water Spray

Polymer Foam

CO₂

EXPLOSION HAZARDS: Under fire conditions, toxic, corrosive fumes are emitted.

FIRE FIGHTING PROCEDURES: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of phosphorus, oxides of carbon, phosphine gas

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled, wear appropriate protective gear for the situation. Ventilate closed spaces before entering. Stay upwind if possible. Avoid creation of dusty conditions. Scrape up and place in appropriate closed container. Decontaminate tools and equipment following cleanup. If spilled on the ground, the affected area should be scraped clean and placed in an appropriate container for disposal. Do not flush to drain. Prevent material from entering public sewer system or any waterways.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid direct or prolonged contact with skin and eyes. Do not breathe dusts. Do not breathe vapors or mists. Do not ingest. Store in an area that is away from foodstuffs or animal feed.

OTHER PRECAUTIONS: Keep out of reach of children.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust to control excessive vapors/mists.

PERSONAL PROTECTION EQUIPMENT:

EYES AND FACE: Safety glasses with side shields.

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with cartridges/canister approved for use against dusts, mists and fumes, pesticides. For emergency conditions with unknown concentrations, use a full-face positive pressure air-supplied respirator equipped with an emergency escape air supply unit or use a self-contained breathing apparatus unit.

GLOVES: Chemical resistant gloves.

PROTECTIVE CLOTHING: Long-sleeved shirt and pants.

WORK HYGIENIC PRACTICES: Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes of contact with this material.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Available

SPECIFIC GRAVITY: Not Available

MELTING POINT: Not Available

EVAPORATION RATE: Not Available

VAPOR DENSITY (air = 1): Not Available

VAPOR PRESSURE: Not Available

ODOR: Acidic

SOLUBILITY IN WATER: Dispersible

APPEARANCE: Green granules, solid

MOLECULAR WEIGHT: 354.1

pH: 3.5 to 4 at 5 wt/wt%

X. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Moisture

STABILITY: Stable

POLYMERIZATION: Will not occur

INCOMPATIBLE MATERIALS: Strong bases, oxidizing agents, strong reducing agents; mineral acids

HAZARDOUS DECOMPOSITION PRODUCTS: Under fire conditions – oxides of phosphorus, oxides of carbon, phosphine gas.

XI. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Rabbit: mildly irritating
SKIN EFFECTS: Rabbit: slightly irritating
DERMAL LC₅₀: Rabbit: > 2000 mg/kg
ORAL LD₅₀: Rat: 2860 mg/kg
INHALATION LC₅₀: Rat (4 hour exposure): > 5mg/L
SENSITIZATION: Not a sensitizer
ACUTE EFFECTS FROM OVEREXPOSURE: Eye and skin irritation
CHRONIC EFFECTS FROM OVEREXPOSURE: This product contains substances that are considered to be probable or suspected human carcinogens. This product contains a chemical known to the State of California to cause cancer.
CARCINOGENICITY: Crystalline Silica as quartz
IARC: Quartz
NTP: Quartz
OSHA: Not Listed
ACGIH: Listed – A2

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Available
ECOTOXICOLOGICAL INFORMATION: Not Available

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose according to federal EPA procedures as outlined in the Resource Conservation Recovery Act (RCRA) and follow state and local regulations. **DO NOT REUSE CONTAINERS.**

XIV. TRANSPORTATION INFORMATION:

DOT Transportation: Not Regulated	ID NO.: Not Applicable
Proper Shipping Name: Not Regulated	Marine Pollution #1: Not Applicable
Hazard Class: Not Applicable	HM 181 Shipping Name: Not Applicable
U.S. Surface Freight Class: Not Applicable	
Reportable Quantity (RQ): Not Applicable	

XV. REGULATORY INFORMATION – UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):	
<u>Y</u> Immediate (Acute Health)	SEC 302: Not Applicable
<u>Y</u> Delayed (Chronic Health)	SEC 304: Not Applicable
<u>N</u> Fire	SEC 313: Not Applicable
<u>N</u> Sudden Release of Pressure	CERCLA RQ: Not Applicable
<u>N</u> Reactivity	CAA RQ: Not Applicable

EPA Registration No.: 432-890-10404

Preparation and distribution of this Material Safety Data Sheet is done for LESCO, Inc., pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The information contained herein is based on available data. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof; and you should make your investigation to determine safety for the use you contemplate. LESCO makes no warranty of merchantability of fitness for a particular use, nor is there any other express or implied warranty except as may be specifically provided otherwise on product.

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For further information, contact: LESCO, Inc. • 1301 East 9th Street, Cleveland, OH 44114-1849 or (800) 321-5325.

MATERIAL SAFETY DATA SHEET
Quali-Pro® Tebuconazole 3.6F
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1. IDENTIFICATION

Product name: **Quali-Pro® Tebuconazole 3.6F**
 Chemical name of active ingredient(s): Tebuconazole: α -(2-(4-Chlorophenyl)ethyl)- α -(1,1-dimethylethyl)-1H-1,2,4-triazol-1-ethanol
 Manufacturer: Makhteshim Agan of North America, Inc.
 4515 Falls of Neuse Road, Suite 300
 Raleigh, NC 27609
 Phone: 919-256-9300
 For fire, spill, and/or leak emergencies, contact Infotrac: Phone: 1-800-535-5053
 For medical emergencies and health and safety inquiries, contact Prosar: Phone: 1-877-250-9291

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CAS NO.	%	OSHA PEL	ACIGH TLV	OTHER	NTP/IARC/OSHA (Carcinogen)
Tebuconazole	107534-96-3	38.7	NA	NA	NA	NA
NA = Not applicable						

3. HAZARDS IDENTIFICATIONS

PHYSICAL PROPERTIES:

Appearance: White viscous liquid
 Odor: Slight aromatic

EMERGENCY OVERVIEW: CAUTION Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

LIKELY ROUTES OF EXPOSURE: Ingestion; skin contact; skin absorption; eye contact.

SYMPTOMS OF ACUTE EXPOSURE: Contact with the eyes may cause irritation.

SYMPTOMS OF CHRONIC EXPOSURE: Based on toxicity studies of the active ingredient, tebuconazole, there may be toxic effects on the following organs: spleen, liver, adrenals, and lens of the eye.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No specific conditions are known which may be aggravated by exposure to this product.

4. FIRST AID MEASURES

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> 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.

MATERIAL SAFETY DATA SHEET
Quali-Pro® Tebuconazole 3.6F
Page 2 of 4

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical emergencies, call Prozar 24 hours a day at 1-877-250-9291.

NOTE TO PHYSICIAN: No specific antidote. Treat symptomatically.

SYMPTOMS OF POISONING: The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation.

5. FIRE FIGHTING MEASURES

FLASH POINT: > 100°C

EXPLODABILITY: This product should be considered as a substance without explosive and oxidizing properties.

EXTINGUISHING MEDIA: Water, carbon dioxide (CO₂), dry chemical, foam.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

FIRE-FIGHTING PROCEDURES: Keep out of smoke; cool exposed containers with water spray. Fight fire from upwind position. Use self-contained breathing equipment. Contain run-off by diking to prevent entry into sewers or waterways. Equipment or materials involved in pesticide fires may become contaminated.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO TAKE FOR SPILLS/LEAKS: In spill or leak incidents, keep unauthorized people away. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Do not walk through spilled material. Absorb material with absorbing type compounds and dispose of as directed in Section 13. Wear proper protective equipment. Scrub contaminated area with soap and water. Use dry absorbent materials such as clay granules to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed. Do not allow material to enter streams, sewers or other waterways or contact vegetation. For spills, fire, or leak, contact INFOTRAC: 1-800-535-5053.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage.

PRECAUTIONS TO BE TAKEN IN STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of reach of children, preferably in a locked storage area.

STORAGE TEMPERATURE (MIN/MAX): Normal ambient temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

EYE PROTECTION: Use splash-proof goggles, if needed, to prevent liquid from getting into eyes.

SKIN PROTECTION: Long-sleeved shirt, long pants, shoes plus socks and coveralls.

HAND PROTECTION: Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton.

RESPIRATOR REQUIREMENTS: Control exposure levels through the use of general and local exhaust ventilation.

USER SAFETY RECOMMENDATIONS:

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

MATERIAL SAFETY DATA SHEET

Quali-Pro® Tebuconazole 3.6F

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- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

EXPOSURE GUIDELINES: Refer to Section 2.

ENGINEERING CONTROLS: Refer to product label.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White viscous liquid

ODOR: Slight aromatic

FLASH POINT: > 100°C

pH: 8.27 @ 20° C

DENSITY: 1.10016 kg/L @ 20° C

VISCOSITY: 0.5227 Pa s @ 20° C; 0.4452 Pa s @ 40° C

10. STABILITY AND REACTIVITY

STABILITY: This product is stable under normal warehouse conditions. Under normal conditions, this product has no known oxidizing or reducing properties.

CONDITIONS TO AVOID: None known.

MATERIALS TO AVOID: None known.

HAZARDOUS POLYMERIZATION: Not known to occur.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

11. TOXICOLOGICAL INFORMATION**ACUTE TOXICITY/IRRITATION STUDIES**

Acute Oral LD ₅₀ (Rat):	>2,000 mg/kg
Acute Dermal LD ₅₀ (Rat):	>2,000 mg/kg
Acute Inhalation LC ₅₀ (Rat):	>5.23 mg/L (4-hours)
Eye Irritation (Rabbit):	Slightly irritating
Dermal Irritation (Rabbit):	Non-irritating
Dermal Sensitization (Guinea pig):	Not a skin sensitizer

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: This pesticide is toxic to estuarine and marine invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

ECOLOGICAL EFFECTS (tebuconazole):

Rainbow trout 96-hour LC ₅₀ :	4.4 mg/L
Bluegill sunfish 96-hour LC ₅₀ :	5.7 mg/L
<i>Daphnia magna</i> 48-hour LC ₅₀ :	4.2 mg/L
Bee 48-hour Oral LD ₅₀ :	83 µg/L

13. DISPOSAL CONSIDERATIONS

END USERS MUST DISPOSE OF ANY UNUSED PRODUCT AS PER THE LABEL RECOMMENDATIONS.

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

CONTAINER DISPOSAL: Dispose of product containers, waste containers, and residues according to label instructions and local, state, and federal health and environmental regulations.

14. TRANSPORT INFORMATION**DOT CLASSIFICATION:**

Not regulated

11-12-10

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Quali-Pro® Tebuconazole 3.6F
Page 4 of 4

INTERNATIONAL TRANSPORTATION:

IMO (vessel): Not regulated

IATA (air): Not regulated

15. REGULATORY INFORMATION

SARA TITLE III CLASSIFICATION:

Section 302: Not applicable.
Section 311/312: Acute health hazard (immediate)
Delayed health hazard (chronic)
Section 313: Not applicable

CA PROPOSITION 65: Not applicable

CERCLA RQ: Not applicable

RCRA CLASSIFICATION: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

TSCA STATUS: The ingredients of this product are listed on the TSCA inventory or are exempt.

16. OTHER INFORMATION

NFPA HAZARD RATINGS	NFPA	0	MINIMAL
HEALTH:	1	1	SLIGHT
FLAMMABILITY:	1	2	MODERATE
REACTIVITY:	1	3	HIGH
		4	SEVERE

MSDS DATE: 11-12-10.

The information herein is given in good faith, but no warrant, express or implied, is made. Consult Makhteshim Agan of North America, Inc. for further information.



MATERIAL SAFETY DATA SHEET #5056

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1301 East 9th Street, Suite 1300, Cleveland, OH 44114-1849
EMERGENCY PHONE: LESCO: (800) 321-5325
CHEMTREC: (800) 424-9300

DATE ISSUED: 12/21/06
SUPERSEDES: NEW

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO RegiMax PGR™ Plant Growth Regulator
Chemical Family: Cyclopropyl Derivative of Cyclohexenone Plant Growth Inhibitor
Chemical Name/Synonyms: 4-(Cyclopropyl-a-hydroxymethylene)-3,5-dioxo-cyclohexanecarboxylic acid ethylester; C₁₃H₁₆O₅

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Trinexapac-ethyl	11.3	95266-40-3	NE

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Primary Route(s) of Entry: Eyes, Skin, Inhalation, Ingestion
POTENTIAL HEALTH EFFECTS: Harmful if absorbed through skin, swallowed or inhaled. Causes moderate eye irritation. Avoid Breathing vapor or spray mist. Avoid contact with skin, eyes or clothing.
EYE: May cause eye irritation
SKIN: Contact is not expected to result in irritation.
INHALATION: Exposure to high vapor levels may cause dizziness, headache, nausea, numbness, incoordination or other central nervous system effects.
INGESTION: There is not data available regarding ingestion toxicity. Handle as a potential ingestion hazard.
MEDICAL CONDITIONS AGGRAVATED: None known
POTENTIAL ENVIRONMENTAL HAZARDS: This pesticide has a low toxicity to wildlife and fish. 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 contaminate water when disposing of equipment washwater. Do not apply when weather conditions favor drift from treated areas.

IV. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
SKIN: 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.
INHALATION: 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.
INGESTION: 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 by mouth to an unconscious person.
NOTES TO MEDICAL DOCTOR: If a large amount has been ingested, lavage stomach. An aqueous suspension of activated charcoal can be given to absorb remaining toxicant. Treat symptomatically.

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): (PMA-4): >230F **Auto Ignition Temperature:** ND
Lower Explosion Limits: NA **Upper Explosion Limits:** NA
NFPA/HMIS Rating: Health: 1 Fire: 1 Reactivity: 0
EXTINGUISHING MEDIA: Foam Alcohol Foam CO₂

Dry Chemical
 Water Spray
 Use appropriate extinguishing media for combustibles in the area.

EXPLOSION HAZARDS: Combustible liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point. Heavy vapors can flow along surfaces to distant ignition sources and flash back.

FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full face piece and full bunker gear. Evacuate nonessential personnel from the area to prevent exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated. Water runoff may cause environmental damage and if water is used to fight a fire, dike and collect the runoff.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition or combustion may produce irritating and possibly toxic gases in a fire.

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled, control the spill at its source and contain the spill to prevent it from spreading or contaminating soil or from entering sewer and drainage systems or any body of water. Clean up spills immediately, observing the precautions outlined in Section VIII below. Cover the entire spill with absorbing material and place into an appropriate disposal container. Scrub the area with hard water detergent such as Tide, Joy, Spic and Span, etc., and pick up the wash liquid with additional absorbent material and place into an appropriate disposal container. Once all material is cleaned up and placed in a disposal container, seal the container and arrange for disposal.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. Store in a cold, dry place and avoid excess heat. Do not store below 0F. If crystals form, store above 70F, shaking periodically until crystals are dissolved. Wash thoroughly after handling this product.

OTHER PRECAUTIONS: Keep out of reach of children and animals.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust

PERSONAL PROTECTION EQUIPMENT:

EYES AND FACE: Safety goggles

RESPIRATORY: Local exhaust

GLOVES: Chemical-resistant gloves (such as nitrile, butyl, neoprene, or barrier laminate)

PROTECTIVE CLOTHING: Long-sleeved shirt and long pants; shoes plus socks

WORK HYGIENIC PRACTICES: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

COMMENTS: Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: ND

MELTING POINT: NA

VISCOSITY: 4.114 @ 20C; 19.114 @ 40C

ODOR: Odorless

APPEARANCE: Clear liquid

pH: 3.33

SPECIFIC GRAVITY: ND

EVAPORATION RATE: ND

VAPOR PRESSURE: ND

SOLUBILITY IN WATER: ND

PERCENT VOLATILE: ND

DENSITY: 1.075 g/ml @ 20C

X. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Keep away from heat and flame.

STABILITY: Stable
POLYMERIZATION: Will not occur
INCOMPATIBLE MATERIALS: None known
HAZARDOUS DECOMPOSITION PRODUCTS: Can decompose at high temperatures forming toxic and explosive gases.

XI. TOXICOLOGICAL INFORMATION

EYE EFFECTS: (Rabbit) Moderately irritating
SKIN EFFECTS: (Rabbit) Slightly irritating
DERMAL LD₅₀: (Rat) > 5000 mg/kg
ORAL LD₅₀: (Rat, female) 5000 mg/kg
INHALATION LC₅₀: (Rat) > 2.06 mg/L
SENSITIZATION: (Guinea pig) Not a contact sensitizer
ACUTE EFFECTS FROM OVEREXPOSURE: May cause eye irritation. Harmful if absorbed through skin, swallowed or inhaled. Void breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing.
CHRONIC EFFECTS FROM OVEREXPOSURE:
CARCINOGENICITY:
IARC: Not Listed
NTP: Not Listed
OSHA: Not Listed
OTHER: Not listed

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: This pesticide has a low toxicity to wildlife and fish. 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 contaminate water when disposing of equipment washwater. Do not apply when weather conditions favor drift from treated areas.
ECOTOXICOLOGICAL INFORMATION: No data

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Do not contaminate water, food, or feed by storage or disposal.
Product: Pesticide wastes are toxic. Improper disposal of excess pesticides, spray mixture, or rinsate is a violation of Federal law. Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility.
Container: Triple rinse (or equivalent) and then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

XIV. TRANSPORTATION INFORMATION:

DOT Transportation: Not regulated	Marine Pollutant #1: Not listed
Proper Shipping Name: NA	HM 181 Shipping Name: NA
Hazard Class: NA	ID NO.: NA
U.S. Surface Freight Class: 18 Insecticides, Fungicides, Insect or Animal Repellent NOI	Reportable Quantity (RQ): NA

XV. REGULATORY INFORMATION – UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

SEC 311/312:

Y Immediate (Acute Health)
N Delayed (Chronic Health)
N Fire
N Sudden Release of Pressure
N Reactivity



**MATERIAL SAFETY
DATA SHEET #5056**

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SEC 302 (Extremely Hazardous Substance): Not listed
SEC 304 (Emergency Release Notification): NA
SEC 313 (Toxic Chemicals): None
CERCLA RQ: Not listed
CAA RQ: NA

EPA Registration No.: 79676-24-10404

NOTE: NA=Not Applicable; ND=Not Determined; NE=Not Established

Preparation and distribution of this Material Safety Data Sheet is done for LESCO, Inc., pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The information contained herein is based on available data. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof; and you should make your investigation to determine safety for the use you contemplate. LESCO makes no warranty of merchantability or of fitness for a particular use, nor is there any other express or implied warranty except as may be specifically provided otherwise on product.

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For further information, contact: LESCO, Inc. • 1301 East 9th Street, Suite 1300 • Cleveland, OH 44114-1849 or (800) 321-5325.

Potts, Monique

From: Stutzman, Schuyler
Sent: Friday, November 04, 2011 9:12 AM
To: Mitchell, Doreen; Harris, Michael; Fruth, James; Dennis, Evelyn; Slaten, Dudley
Cc: bids
Subject: RE: County of Allen HYDRO-SEED MATERIALS BID - Input needed by 11/11
Attachments: 2011 hydroseeding materials.xls

Attached are the bid results from last year.

This year...

Sun & Shade Park	001689	\$1.28/lb.
19-19-19	026009	\$26.14 (Not sure if we will even come close to AgPlus and pricing must be <u>firm</u> . Fert costing is volatile.)
Hydromulch	089779	\$13.58

We're open to any and all suggestions.

Schuyler Stutzman
Branch Manager
John Deere Landscapes #553
Fort Wayne, IN
Phone: (260)490-0041
Fax: (260)489-0831
ssutzman@johndeerelandscapes.com

From: Mitchell, Doreen
Sent: Thursday, November 03, 2011 11:09 AM
To: Stutzman, Schuyler; Harris, Michael; Fruth, James; Dennis, Evelyn
Subject: County of Allen HYDRO-SEED MATERIALS BID - Input needed by 11/11

A response is needed from you.

Please send your pricing and product suggestions back to Bids@JohnDeereLandscapes.com or fax your suggestions to 248.581.1433.

Please review the attached municipal bid.

Name of Municipality: City of Allen
Products: Hydro-Seeding Materials – Grass Seed – Specifications Attachment
Customer Account #:
Bid #18-11
Due Date: 11/16/11 – 2:00 PM
Length of Contract:
Notes: GOVERNMENT BID #150330

Please forward this to any RVP's, Branch Managers, OSR's, or Ara Managers that are involved with this municipality. When forwarding, please include Bids in the CC line so that we may know who is involved and who to contact with this bid.

Best Regard,

BIDS DEPARTMENT

LESCO®

RegiMax PGR™ Plant Growth Regulator

LESCO® RegiMax PGR™ Plant Growth Regulator contains trinexapac-ethyl, the active ingredient in Primo MAXX™.

FOR TURF GROWTH MANAGEMENT

A microemulsion concentrate for managing growth, improving quality and stress tolerance, and edging of warm- and cool-season turfgrasses.

ACTIVE INGREDIENT:	
Trinexapac-ethyl	11.3%
OTHER INGREDIENTS:	88.7%
TOTAL	100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

Distributed by: **LESCO, Inc.**
1301 East 9th Street
Cleveland, OH 44114-1849

#090844

EPA REG. NO. 79676-24-10404
EPA Est. No. indicated by the 8th digit
of the batch number on this package.
(A) = 4-NY-001; (C) = 5905-GA-001;
(G) = 67545-AZ-001; (P) = 34704-MS-02
Product of China or Switzerland.
Formulated in the United States with
U.S. and imported ingredients.

TM

PRODUCT	JDL	AG PLUS
CITY PARK MIX SEED	\$1.35/lb.	\$1.28/lb.
15-15-15 OR EQUAL	\$21.38	\$13.75
70/30 HYDROMULCH	\$12.05	\$9.33