



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
DNR90119

PAGE
1

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

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

SHIP TO

DIVISION OF NATURAL RESOURCES
VARIOUS LOCALES AS INDICATED
BY ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/29/2008				

BID OPENING DATE: **05/07/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 3 *****						
THIS ADDENDUM IS ISSUED TO REPLACE PRICING PAGES WITH THE ATTACHED PRICING PAGES TO CORRECT ITEM NUMBERING ERRORS.						
THE BID OPENING REMAINS 05/07/08 AT 1:30 PM						
0001	1	LS		335-30		
GOLF CERTIFIED CHEMICALS AND SOIL AMENDMENTS						
***** THIS IS THE END OF RFQ DNR90119 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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

**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. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, 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.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** 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. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** 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.

SIGNED BID TO:

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

REQUISITION NO: DNR90119

**Vendors may be requested present specs, labels and application rate sheets.
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Item No:	Description	Case price
1	Acclaim Extra, a.i. Fenoxaprop-p-ethyl, Bayer, 4 x 1 gal , or proven equal	
2	Arena 0.5G , Arysta Lifescience 25 lbs bag , Insecticide, or proven equal	
3	Banner Maxx, Syngenta, a.i. 14.3% Propiconizole, 10 gal. link pak, or proven equal	
4	Banner Maxx, Syngenta, a.i. 14.3% Propiconizole, 2 x 1 gal, or proven equal	
5	Banner Maxx, Syngenta, a.i. 14.3% Propiconizole, 1 gallon only , or proven equal	
6	Post patent equivalent , Banner Max, a.i. 14.3 % Propiconizole, approx. 1 gallon container or proven equal	
7	Banol, Bayer, 2 x1 gal, or proven equal	
8	Banol, Bayer, 1 gallon only , or proven equal	
9	Bayleton Granular, Bayer, 15 lb. bag, or proven equal	
10	Bayleton mini bulk, Bayer , 11 ounce x 50 mini drum ,or proven equal	
11	Bayleton 50 WSP, Bayer, 4 x 4 x 5.5 oz, or proven equal	
12	Bensumec 4 LF, a.i. Bensulide, PBI Gordon, 4 x 1 gal, or proven equal	
13	Cleary's- 36/26, Cleary, 2 x 2,5 gal, or proven equal	
14	Chipco 26 GT, Bayer, a.i. 23% Iprodione, 2 x 2.5 gal, or proven equal	
15	Post patent equivalent , Chipco 26GT, a.i. 23% Iprodione , 2lbs per gallon of liquid, 2.5 gallon container, or proven equal	
16	Chipco Signature, Bayer, a.i. fosetyl-AL, 4 x 5.5#, or proven equal	
17	Cleary Spectro Fungicide, Cleary Chemical, 4 x 5 lb, or prove equal	

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Item No:	Description	Case price
18	Cleary 3336 F, Cleary Chemical, a.i. 41.25% Thiophanate-methyl, 2 x 2.5 gal, or proven equal	
19	Post patent equivalent ,Cleary's 3336 F , liquid, a.i. Thiophanate methyl, 2.5 gallon container or proven equal	
20	Cleary 3336 WSP , Cleary Chemical, a.i. 50% Thiophanate-methyl, 6 x 2 lb, or proven equal	
21	Post patent equivalent ,Cleary's WSP , Granular, a.i. 50% Thiophanate methyl , packets, or proven equal	
22	Compass, Bayer, a.i. trifloxystrobin, 4 x 1 lb., or proven equal	
23	Confront, a.i. Triclopyr+Clopyralid. Dow Agri Chemical, 4 x 1 gal, or proven equal	
24	Curalan EG, BASF, a.i. Vinclozolin, 11# case, or proven equal	
25	Daconil Zn, Flowable, Syngenta, 38.5% a.i. chlorothanil, with Zinc, 2 x 2.5 gal, or proven equal	
26	Post patent equivalent ,Daconil Zn, a.i. 38.5% chlorothanil, with Zinc , flowable, approx. 2.5 gallon container, or proven equal	
27	Daconil Ultrex, Syngenta, 82.5 % a.i. chlorothanil, 4 x 5 lb., or proven equal	
28	Post patent equivalent , Daconil Ultrex , a.i. 82.5 % chlorothanil, WS ,approx 5 lb bag, or proven equal	
29	Daconil Weather Stik, Syngenta, 54% a.i. chlorothanil, 2 x 2.5 gal, or proven equal	
30	Post patent equivalent ,Daconil Weather Stik , flowable, a.i. chlorothanil, approx. 2.5 container, or proven equal	
31	Dimension Ultra 1E , EC, a.i. 12% Dithiopyr, Dow Agro Sc., 2 x 2.5 gal, or proven equal	

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Item No:	Description	Case price
32	Dimension Ultra WSP, a.i. 40% Dithiopyr, Dow Agro Sciences, 8 x 2.5 #, or proven equal	
33	Post patent equivalent ,Dimension Ultra WSP, a.i. 40% dithiopyr, wettable powder, 0.5 oz packets, or proven equal	
34	Drive 75 DF , a.i. 75% Quinclorac, BASF, 6 x 1 lb , or proven equal	
35	Post patent equivalent , Drive, a.i. 75%quinclorac ,1 lb cont, or proven equal	
36	Dursban 50 WSP, Dow Agro, a.i. 50% Chlorpyrifos, 8 x 1.75, or proven equal	
37	Post patent equivalent , Dursban 50 WSP, a.i. 50% chlorpyrifos, apx. 2.oz cont, or proven equal	
38	Dursban Pro, Dow Agro Sciences, a.i. 23.5% Chlorpyrifos, 2 x 2 gal, or proven equal	
39	Post patent equivalent , Dursban Pro, a.i. 23.5 % chlorpyrifos, approx. 2 gal. container or proven equal	
40	Dylox, 6.2 G, Bayer, a.i. 6.2% Trichlorfon, dimethyl, 30 lb bag, or proven equal	
41	Dylox 80 SP, Bayer, a.i. 80% Trichlorfon, 10 x 5 lb., or proven equal	
42	Embark 2S, a.i. Mefluidide, PBI Gordon, 4 x 1 gal, or proven equal	
43	Eagle 20EW, a.i. Myclobutanil, Dow, 2 x 2.5 gal., or proven equal	
44	Ferromec AC, liquid iron, PBI Gordon, 2 x 2.5 gal, or proven equal	
45	Fore, Rain shield, Dow Agro, 8 x 6#, or proven equal	
46	Fungicide IX, Andersons, a.i. Chloroneb + Thiophanate-methyl, snow mold, 44.7# bag, or proven equal	

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Item No:	Description	Case price
47	Goosegrass / Crabgrass Control, Andersons, Bensulide 5.2% , Oxadiazon 1.1%, 28.87 lb bag, or proven equal	
48	Headway, Syngenta, a.i. Azoxystrobin/Propiconazole, 10 gal link pack, or proven equal	
49	Headway, Syngenta , a.i. Azoxystrobin/ Propiconazole, 2x 1, or proven equal	
50	Heritage TL , Syngenta , a.i. Azoxystrobin, 4x6 lb , or proven equal	
51	Heritage, Syngenta, 20 x 4 Oz. , a.i. Azoxystrobin, or proven equal	
52	Instrata , Syngenta, 2 x 2.5 gal , or proven equal	
53	Mach 2 liquid, Dow Agro Sciences, a.i. 22.3 % Halofenozide, 2 x 2.5 gal, or proven equal	
54	Malathion, Clean crop, 2 x 2.5 gal., or proven equal	
55	Manage, Monsanto, a.i. Halosulfuron-Methyl, 30 x .9 gram, or proven equal	
56	Manage, Monsanto, a.i. Halosulfuron-Methyl, 10 x 1.33 oz, or proven equal	
57	MCPP 4 Amine, Riverdale, a.i. 52% MCPP, 2 x 2.5 gal, or proven equal	
58	Mec-Amine D , 2 x 2.5 gal, or proven equal	
59	Merit .5G, a.i. 0.5% Imidacloprid, Bayer, 30#, or proven equal	
60	Merit 75 WSP, a.i. 75% Imidacloprid, mini-drum, Bayer, 8.8 lb, or proven equal	
61	Post patent equivalent , Merit , a.i. 75% imidacloprid, approx. 5 container, or proven equal	
62	Millennium ultra 2 , Riverdale, 2 x 2.5 gal, or proven equal	

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Item No:	Description	Case price
63	MSMA 6 Plus, Helena Group , 2 x 2.5 gal, or proven equal	
64	Naiad, tablets,30 pellets/case, 1 pellet treats 1 acre, or proven equal	
65	Naiad concentrate, 4oz. tubes, 20 per case, or proven equal	
66	Pendulum, a.i. Pendimethalin, BASF, 2 x 10 #, or proven equal	
67	Primer 604, Aquatrols, 2 x 2.5 , or proven equal	
68	Primo Maxx, a.i. 11.3% Trinexapac-ethyl, Syngenta, 10 gal link pak , or proven equal	
69	Primo Maxx, a.i. 11.3% Trinexapac-ethyl, Syngenta, 1 gallon only , or proven equal	
70	Post patent equivalent, Primo, a.i. 11.3% Trinexapac-ethyl, gallon, or proven equal	
71	Prograss, Bayer, a.i. Ethofumesate, 2 x 2.5 gal, or proven equal	
72	Proxy, a.i. 21.7% Etephon, , Bayer, 2 x 2.5 gal, or proven equal	
73	Post patent equivalent , Proxy, a.i. 21.7 % Etephon, 2.5 gal. container, or proven equal	
74	Reward, , 4x 1 gal, Syngenta, or proven equal	
75	Roots 123, Roots, Inc., 2 x 2.5 gal, or proven equal	
76	Roundup – QuickPro, Dry Pak, a.i. 71.4% Glyphosate plus Surfactant, Monsanto, 1.5 on x 30 case, or proven equal	
77	Post Patent Equivalent , a.i. 71.4 %Glyphosate, dry pak, ready mix, 1.5 oz package, or proven equal	
78	RoundUp, Monsanto, a.i. 41% Glyphosate , 2 x 2.5 gal, , or proven equal	

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Item No:	Description	Case price
79	Post patent equivalent , a.i. 41 % Glyphosate , approx. 2.5 gal container, or proven equal	
80	Rubigan, Gowan, 1 x 1 gal , or proven equal	
81	Sevin SL, Bayer, a.i. 43% Carbaryl, 2 x 2.5 gal, or proven equal	
82	Snapshot , a.i. Isoxaben + Trifluralin, Dow Agro, 50 # , or proven equal	
83	Subdue GR, Syngenta, a.i. 0.1% Mefonoxam, 25 lb, or proven equal	
84	Subdue Maxx, Syngenta, a.i. 22% Mefonoxam, 10 gal link pak, or proven equal	
85	Post patient equivalent, Subdue Maxx , 10 gal link pak, a.i. 22% Mefonoxam. Or equal.	
86	Subdue Maxx, Syngenta,a.i. 22% Mefonoxam, 2 x 1 gal.,or proven equal	
87	Subdue, Maxx, Syngenta, a.i. 22% Mefonoxam, 1 gallon only, or proven equal	
88	Post patent equivalent , Subdue Maxx, a.i. 22% Mefonoxam , approx. 1 gallon container, or proven equal	
89	Suspend SC, Bayer, 2 x 2.5 gal., or proven equal	
90	Suspend, SC, Bayer, pint, or proven equal	
91	Talstar F, "GC" ,FMC,4 x 1 gal, or proven equal	
92	Talstar, GC Granular,FMC, a.i. 0.2 % bifenthrin , 50 lb., or proven equal	
93	Post patent equivalent , a.i. 0.2bifenthrin , Talstar, granular, 50 lb., or proven equal	
94	Tempo, 20 GC, Bayer , a.i. 1 % Cyfluthrin, 4x4/55 gm, or proven equal	
95	Terra Cyte, Bio Safe System , 70 lb. or proven equal	

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Item No:	Description	Case price
96	Terrazole 35 WP, Uniroyal, 6 x 2 lb, or proven equal	
97	Trimec Bent, a.i. 2,4-D + MCP + Dicamba, PBI Gordon, 2 x 2.5 gal, or proven equal	
98	Trimec Classic, a.i. 2, 4-D + MCP + Dicamba, PBI Gordon, 2x2.5 gal, or proven equal	
99	Trimec Plus, a.i. 2, 4-D + MCP + Dicamba, + MSMA, PBI Gordon, 2 x 2.5 gal, or proven equal	
100	Trimec Super, PBI Gordon, 2 x 2.5 gal, or proven equal	
101	Trimec, 992, PBI Gordon, 2 x 2.5 gal, or proven equal	
102	Trimmit 2SC, a.i. Paclobutrazol, Syngenta, 2 x 1 gal, or proven equal	
103	Tupersan 50 WP, PBI Gordon , 12 x 4 lb, or proven equal	
104	Tupersan, Granular 4.7, PBI Gordon , 20 lb., or proven equal	
105	Zerotol, Bio Safe System, 30 gal, or proven equal	
106	Zerotol , Bio Safe System, 2.5 gal, or proven equal	
	Andersons	
107	18-3-12, Andersons w/.103% Dimension & 25% NS-52, Stock # APT184DM5.1, SGN 150, or proven equal	
108	18-3-12, Andersons w/0.164% Dimension & 25% NS-52, Stock # APT18DM5.2, SGN 150, or proven equal	
109	19-3-6, Andersons w/.072% Dimension & 20% NS-52, Stock # APT193DM5, SGN 215, or proven equal	
110	Poly on 0-0-50, SGN 100, Sulfate of Potash, or proven equal	

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Item No:	Description	Case price
	Tee Time (Homogenous 80-120 Contec)	
111	17-3-17 Andersons, SGN 80, 50% Methylene, Urea, Potassium Sulfate, 10% S, 1% Fe, 0.5% Mn, 50 lb bag, AGC 84825, or proven equal	
112	18-9-18, Andersons, SGN 80, Potassium Sulfate , 6.7% S, 0.28% Fe, 0.14% Mn, 50 Lb bag, AGC8348-1, or proven equal	
113	19-2-15 w/100% methylene urea +micros,SSP/TSP, 7.5%S, .1% Fe, 2% Mg, .02%B,.05%Cu,.05%Mn,.0005% Mo, .05%Zn, 50 lb bag,AGC8346 or proven equal	
	<u>Fertilizers - Andersons</u>	
114	5-0-20, w/40% PCSU/MOP/Micros ALA52M5, Andersons, 50 lb bag, or proven equal	
115	5-10-31, w/20% PCSCU, + 10% FE, ALA51FE5, Andersons, 50 lb bag, or proven equal	
116	10-22-22 Starter, w /DAP/MOP , ALA105, Andersons, 50 lb bag, or proven equal	
117	18-0-18, w/50% PCSCU, 50% AS+ 1% Fe Andersons, ALA189FE5, 50 lb bag, or proven equal	
118	24-4-11, w/ 25% AS, 35% PCSCU, +3% Fe Andersons, ALA248FE5, 50 lb bag, or proven equal	
119	32-3-10 w/ 20% PCSCU Andersons ALA3265, 50 lb bag, or proven equal	
120	5-5-30 w/ .48% prodiamine Andersons, ALA5PR5, 50 lb bag, or proven equal	

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Item No:	Description	Case price
	Greens Grade Fertilizers- Andersons -	
121	18-9-18 w/ 63% Methylene Urea, + Micros Andersons, SGN 80, 50 lb bag, or proven equal	
122	13-2-13, W / Am. Sulfate, DG Pro, 2% Iron, Micros Andersons, SGN 100 , 50 lb bag or proven equal	
123	21-3-16, w/97% Nutralene, DG PRO, 1% iron, Micros Andersons, SGN 100, 50 lb bag, or proven equal	
124	10-5-25, w 50% Nutralene, DG PRO, Micros Andersons, SGN 100, 50 lb bag, or proven equal	
	Lebanon country club -NX- pro	
125	13-25-12, Lebanon Country Club, SGN 195, Potassium Chloride, 2% S, 0.5% Fe, 50 lb bag, or proven equal	
126	16-16-16, Lebanon Country Club, 40% IBDU, SGN 230, Sulfate of Potash, 5.4% S, 1.0% Fe, 0.8% Mg, 0.4% Mn, 50 lb bag, or proven equal	
127	18-5-9, Lebanon Country Club, 51% MU, SGN 195, Sulfate of Potash, 5.4% S, 1.0% FE, 1% Mg, 0.25% Mn, 50 lb bag, or proven equal	
128	10-18-22, Lebanon Par Ex , SGN 90, Sulfate of Potash, 1% Mg, 7.2% S, 0.8% Fe, 50 lb bag, or proven equal	
129	13-20-20 , NX Pro, 47% Meth-EX40 Micros Greens SGN 100, 50 lb bag, Lebanon Turf, or proven equal	
130	16-0-30, Lebanon NX-Pro, SGN 100, Sulfate of Potash, 9.8% S, 1% Fe, 0.7% Mn, 50 lb bag, or proven equal	
131	17-3-17, Lebanon NX-Pro, SGN 145, Sulfate of Potash, 8% S, 0.5% Fe 50 lb bag, or proven equal	

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Item No:	Description	Case price
132	20-4-10, Lebanon Greenskeeper ,43% CRN, SGN 190 Muriate of Potash, 0.5% Fe, or proven equal	
133	UAP/Veridicon - greens grade 0-0-28, 7.5%Fe,6.5% Mn, SOP, UAP/Loveland 50 lb bag, greens grade, SGN-90-100,or proven equal	
134	0-0-26, 3% Fe Polymer Coated potassium, SOP, UAP/Loveland 50lb bag, greens grade, SGN-90-100, or proven equal	
135	10-18-22-UAP, 62% BCMU, SOP, 1%FE, ,micros, SGN 90-100, greens grade , 50 lb bag, or proven equal	
136	12-1-12, 40% Org, 40% BCMU, 40% AS, 2.4% F,SOP, UAP/Loveland 50 lb bag, Greens grade SGN 90-100, or proven equal	
137	12-2-24,77%BCMU, 1.2% Fe, + Micros, SOP, UAP/Loveland 50 lb bag, greens grade, SGN 90-100, or proven equal	
138	14-3-14,70% BCMU, 2% Fe,+micros, SOP, UAP\Loveland, 50 lb bag SGN- 90-100 greens grade, or proven equal	
139	15-0-30, 100% BCMU, 1%Fe, SOP, UAP/Loveland , 50 lb bag SGN 90-100, greens grade, or proven equal	
140	16-4-8, 1% Fe, 100% Ammonium sulfate, SOP, UAP/Loveland 50lb bag, greens grade, SGN 90-100, or proven equal	
141	18-0-18, 75% BCMU, 25% AS, 1.3% Fe,+Micros, SOP, 50 lb bag SGN 90-100, 50 lb bag, UAP/Loveland , or proven equal	
142	18-3-18 92% BCMU, .9% FE+Micros, SOP, UAP/Loveland 50 lb bag, greens grade, SGN- 90-100, or proven equal	
143	21-3-12, 63%BCMU, 0.9% Fe,+Micros, UAP/Loveland 50 lb bag, greens grade, SGN- 90-100, or proven equal	

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Item No:	Description	Case price
144	19-3-5 , .10% dimension, Mini, 25% STU, (.17lb Al), fairway, 50 lb bag or proven equal	
145	<p align="center">Greens - low cut turf , Tees SGN 120-140</p> 19-25-5 w/35% methylene urea, starter fertilizer, SGN 120,greens grade MAP, AGC8383-1 , 50 lb bag, Andersons, or proven equal	
146	<p align="center">Blended - SGN 125- Methylene Urea, Tee Time</p> 0-0-45, Andersons, 100% Poly Coated, SGN 125, Sulfate of Potash AGC830456, or proven equal	
147	25-5-15 w/50% methylene urea, 1% Iron, Micros, DAP, 5.1% S, 1% Fe SGN 125 , AGC254M5, Andersons , 50 lb bag, or proven equal	
148	22-4-18 w/ 93% Methylene Urea, 1% Iron, DAP, 6% S, 1%Fe Andersons, AGC22715, 50 lb bag , or proven equal	
149	19-26-5 w/ 18% Methylene Urea, 1% iron, Micros, 1.7% S,1% Fe, .1% Cu .1% Mn, .1% Zn, Andersons , 50 lb bag, or proven equal	
150	<p align="center">Blended- NS-52 SGN 215</p> 21-28-7 starter fertilizer, NS-52, 10.95% ammonium nitrate, 10.95% urea, SGN 215 Andersons, or proven equal	
151	25-5-12 w/50%, NS-52, 2% iron, Micros, AGC251m50, Andersons, 50 lb bag , or proven equal	
152	5-10-31 w/ 20% NS-52, 10% iron, 4%Ammon N, 1% Urea, , .41%S, Andersons, 50 lb bag, SGN 215 - or proven equal	

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Item No:	Description	Case price
	Shaw Fertilizers Products	
153	20-0-10 70% SOP, biostimulant- grogard .28 Barricade, 50 lbs. Shaws Fert.,6112709 or proven equal	
154	5-5-20, gro gard, .38 barricade, 50lbs. No substitutions, Shaw Fertilizer, 6113059, or proven equal	
155	18-4-18, 40% SCU, SOP, gro gard, .38 Barricade , 50 lb. Shaw Fertilizer, 6113379, or proven equal	
156	0-0--7, gro gard, .86 Pendimethalin, 50 lbs. Shaw Fertilizer 6116019, or proven equal	
157	14-32-16, MOP Micros, Water Soluble, 25 lb. Shaw Fertilizer 6700629, or proven equal	
158	20-20-20 NOP Micros, Water soluble, 25 lbs. Shaw Fertilizers ,6700849, or proven equal	
	Shaw Fertilizers Products	
	Greens Grade	
159	14-0-28 100% MU SOP FE + Micros gro gard, greens blend, 50 lbs. Shaw , 6667239, or proven equal	
160	14-25-12 50% MU SOP Fe+Micros, gro gard, greens grade Shaw, 50 lbs. 6669729, or proven equal	
161	18-4-10 44% MU SOP Fe,+Micros gro gard, greens, Shaw, 50 lbs. 6674649 or proven equal	
162	20-0-20 50 % MU SOP FE+Micros, gro gard, greens, Shaw 50 lbs, 6682489, or proven equal	

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Item No:	Description	Case price
163	21-3-16, 65% MU, SOP, FE+Micros, Shaw, gro gard, greens 50 lb. , 6687839, or proven equal	
164	15-22-10 3.0 WIN SOP, gro gard, green homogenous, 50 lb. Shaw, 6671200, or proven equal	
	Shaw Fertilizers Products Fairway Blends	
165	12-0-24, 43% MU, 8.7 WIN, SOP, gro gard, fairway, Shaw homogenous, 50 lb., 6611029, or proven equal	
166	19-2-19, 74% MU, 8.6WIN, SOP, gro gard, fairway homogenous, 50 lb., 6626509, or proven equal	
167	8-3-24, 30% MU SOP, gro gard, Fairway, Shaw 50 lb, 602039, or proven equal	
	Anderson -Sprayable Nutrient packages	
168	Fluids minors package, 2 x 2.5 gal case, 2.45% FE, 1%Mg, .05% Zn, .02%B, .235% MN, Andersons, AGC83025 ,0-4-4, or proven equal	
169	17-3-5 fluid fertilizer, w/25% CRN,proactin, +micros, Provides, L-Amino acids, vitamins, and secondary binutrients, Sprayable Nutrients, AGC174AV5 , Andersons, 5 gal, or proven equal	
170	29-2-3 Anderson's Fluid Fertilizer, 29% Total N, 2% Ph, 3%soluble Potash, 2- 2.5 gal case, AGC83009, or proven equal	
	Andersons Fertilizers, w/post emergent weed control	
171	13-3-26 w/ .869% millennium Ultra, 50% NS, SOP, Andersons, 50 lb bag, or proven equal	

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Item No:	Description	Case price
172	18-5-9 w/ millennium Ultra, /30% NS-52 , AGC185ML4.2 SGN 150, Andersons, or proven equal	
173	<p align="center">Lebanon Country Club</p> 20-4-10 with 1.15% Team, Lebanon Country Club, 50 lb bag Fairway grade, , 39% Controlled release N., or proven equal	
174	18-5-9 Lebanon Country Club, fairway grade, <150 SGN, 3.6% slow release N , homogenous blend , 50 lb bag , or proven equal	
175	16-16-16, Country Club, 40% IBDU, SGN 230, Sulfate of Potash, 5.4% S, 1.0% Fe, 0.8% Mg, 0.4% Mn, or proven equal	
176	18-3-18, Country Club, Meth-EX40, 65% Controlled Release N , SGN 100 , greens grade , PIN > 245, 4.5% WIN, 7.2 0WSN, or proven equal	
177	<p align="center">UAP- tee cut and fairways</p> 12-1-12, 50% Org,54%BCMU,21% Pot Nitrate, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN 125-150, or proven equal	
178	12-24-12, 30% STU, SOP, UAP/ Loveland , starter fert 50 lb bag, tee and low cut fairways, SGN- 125-150 , or proven equal	
179	16-2-22, 61% BCMU, + Micros, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN-125-150, or proven equal	
180	19-0-19, 100% SRN,1% FE, SOP, UAPLoveland 50 lb bag, tee and low cut fairways, SGN- 125-150,or proven equal	
181	15-0-30, 100%STU, 1%Fe, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN125-150, or proven equal	

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Item No:	Description	Case price
182	22-0-22, 60% BCMU, 1.5% FE, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN 125-150 , or proven equal	
183	22-4-20,70% STU, 1% Fe, Prospect, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN 125-150 , or proven equal	
184	28-3-10,72% BCMU, 1% Fe, SOP, UAP/Loveland 50 lb bag, tee and low cut fairways, SGN 125-150, or proven equal	
185	21-0-21, 100 % BCMU, SOP, UAP/Loveland 50 lb bag, low cut, fairways, SGN 125-150, or proven equal	
186	24-2-12, 50% BCMU, 1% Fe, SOP, UAP/Loveland 50 lb bag, low cut, fairways, SGN 125-150 , or proven equal	
187	25-5-11, 70% STU, 1% FE, Prospect, SOP, UAP/Loveland 50 lbbag, low cut fairways, tees, SGN 125-150, or proven equal	
188	28-3-10, 72% BCMU, 1% Fe, SOP, UAP/Loveland 50 lb bag, tees and low cut fairways, or proven equal	
	UAP- -Golf Turf -Lawn Care	
189	11-11-11, w/ lime SGN- standard grade, UAP, 50 lb bag, or proven equal	
190	12-1-12, 50 % org, 54% BCMU,21% Pot Nitrate, UAP/Loveland 50 Lb bag, standard grade, golf and lawn care, SGN 200-220 ,or proven equal	
191	12-24-14, 30% STU, 2% Fe, Prospect, UAP/Loveland - starter fert 50 lb bag, standard grade, golf and lawn care, SGN 200-220, or proven equal	
192	19-19-19 30% STU, SOP, UAP,/Loveland ,50 lb bag standard grade, golf and lawn care SGN 200-220, or proven equal	

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Item No:	Description	Case price
193	20-3-20,70% STU, 2% Fe, SOP, UAP/Loveland standard grade, golf and lawn care, SGN 200-220, or proven equal	
194	20-8-8 30% STU,UAP /Loveland , 50 lb bag, Standard grade golf and lawn care, SGN 200-220, or proven equal	
195	28-3-10 50% STU, 1% Fe, UAP/Loveland 50 lb bag, golf and lawn care, SGN 200-220 , or proven equal	
196	18-24-12, 25% SRN, UAP/Loveland 50lb bag,standard grade, golf and lawn care, SGN -200-220, or proven equal	
197	20-3-20, 70% STU, 2% Fe, OP, UAP 50 lb bag, standard grade, golf and lawn care, SGN 200-220, or proven equal	
198	20-4-10, 75% SRN, 1% Fe, UAP/Loveland, 50 lb bag standard grade, golf and lawn care, SGN 200-220, or proven equal	
	Soluble / Liquid Fertilizers	
199	18-3-6 , The Classic, Slow available liquid nitrogen, w / micros 2 x 2.5 gal containers, Growth Products, or proven equal	
200	28-8-18 + Micros, bent special, FeRION, UAP/Loveland 25 lb bag, soluble , 1-3 bags per acre, or proven equal	
201	13-0-44 + Micros, , Pot Nitrate, FeRION, UAP/Loveland 25 lb bag, soluble, 2-4 lbs/ gal/ 1, 000 sq. ft, or proven equal.	
202	13-28-20, UAP, BCMU, SOP, Micros, minimum 6% sulphur, , 50 lb bag , or proven equal	
	Griggs Brothers /Green Spec Fertilizers	

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Item No:	Description	Case price
203	Griggs Brothers 7-7-7 iron, 50. lb bag, or proven equal	
204	Griggs Brothers , granular, Turf Rally, 16-4-8, 3% Fe, .50 lb bag, or proven equal.	
205	Griggs brothers, 10-2-4, All natural organic, 50 lb bag, or proven equal	
206	Griggs Brothers, Gary's green ultra 13-2-3+Iron, , 2x 2.5 gal, or proven equal	
207	Griggs brothers, P-K-plus , 3-21-18 + micros, 2x 2.5 gal , or proven equal	
208	Griggs Brothers, A-O-K, 1-0-24, 2 x 2.5 gal , or proven equal	
	Natural organic- fertilizers	
209	5-4-5 natural organic, with SGN 95, 8 % Ca, 50 lb bag, Loveland, or equal	
210	Milorganite, organic fertilizer, 6-2-0 greens grade, <100, 50 lb bag. 4% organic Iron, 5.25% slow available N., product of activated sewage sludge, 1 bag covers 3,000 sq. ft at 1lb of N. or proven equal.	
211	Milorganite, organic fertilizer, 6-2-0, Fairway, SGN <160, 50 lb, 4% organic Iron, 5.25 % slow available N. , product of activated sewage sludge, or proven equal	
212	Milorganite, organic fertilizer, 6-2-0 Classic, Pro Only, 4% iron, 50 # bag, product of activated sewage sludge or proven equal	
	Nature Safe Fertilizers	
213	Nature Safe, 5-6-6 starter fertilizer, Fine grade, 50 lb bag , 871 lbs/acre/ 1 lb N., amino acid content 31.4%, or proven equal	
214	Nature Safe, 8-3-5 stress guard fert, Super Fine/fine, coarse grade, 50 lb bag, 545 lbs/acre/1lb. N, amino acid content 49.9%, or proven equal	
215	Nature Safe, 12-2-6- Ammonium sulfate fortified, fine, nature safe, 50 lb bag, 363 lbs/acre/ 1 lb N, amino acid content 38.3%, or proven equal	

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Item No:	Description	Case price
216	Nature Safe ,10-2-8, all season fertilizer, fine/coarse, nature safe, 50 lb bag, , 436 lbs/ acre/ 1 lb N, amino acid content 60.3%, or proven equal	
217	Nature Safe, 15-2-8- with Meth-ex 40, fine,50 lb bag, or proven equal	
218	Nature Safe,15-2-8 with Meth-EX 40,coarse, SGN225, 50 lb bag, or proven equal	
219	Nature Safe, 8-5-5 landscaping fertilizer, ,coarse, 50 lb bag, 545 lbs./acre/1 lb N amino acid 50.1% or proven equal	
220	Nature Safe, 21-3-7 blended with UFLEXX, coarse grade, , 290 lbs/ acre/ 1 lb N. amino acid, 46.3%, 50 lb bag , or proven equal	
	Seed- Fiber Mulch	
221	Penn- Mulch -Seed establishment mulch,50# bag, green color granules/materials, bio degradable, with starter fertilizer, or equal	
222	Erosion control fiber mulch blanket, , a light green or brown, manufactured with wood vegetative fibers, and small percentage of synthetic fibers. Photodegradable netting, grass grows through fibers. 80 inch width X 135 length approx.	
223	Erosion control fiber mulch blanket, , a light green or brown, manufactured with wood vegetative fibers, and small percentage of synthetic fibers. Photodegradable netting, grass grows through fibers. , 40 inch width x 135 feet approx.	
224	Sod Staples, 11 gauge, "U" type, 6" long x "1" wide approx. staples used to anchor, sod, netting, blankets, erosion control mulch. 1000/case	
	Granular Nutrients (vendor supply label)	
225	Muriate of Potash, 0-0-62, 50 lb bag, , or proven equal	
226	Sulfate of Potash, 0-0-50, 50 lb bag, Greens grade, SGN <100,or proven equal	

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Item No:	Description	Case price
227	0-0--52, sulfate potash, 50 lb bag, < 150 SGN, or proven equal	
228	Urea, 46-0-0, Prilled, 50 lb bag, or proven equal	
229	MonoPotassium Phosphate, MKP, 00-52-34 , or proven equal	
230	10-10-10, Agriculture grade, Southern States or equal, 50 lb bag,	
	Lime, Gypsum, Sulphur	
231	Gypsum Pellets, – Greens grade, 50# bag , or equal	
232	Gypsum pellets – Standard grade, 50# bag , or equal	
233	Dolomitic Limestone - Micro Pellet greens applications 50 lb bag, or proven equal	
234	Hi-Cal lime, Micro Pellet., High Calcium content, low Mg. for greens applications, 50 lb bag, or proven equal	
235	Hi-Cal lime, standard pellet, Fairway grade, 50 lb bag, or proven equal	
236	Granular Sulfur, AGC8870, Andersons, 90% S dispersible granular, 50 lb bag. SGN 100 or proven equal	
237	Tugor, 0-0-5 +2, Soil additive product, Silica, Floratine, 1 gal cont. or proven equal	
238	Maxi-cal – greens grade, Kelly's, 50#, or proven equal	
239	Maxi-cal – standard grade, Kelly's, 50#, or proven equal	

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Item No:	Description	Case price
	Turf Foliar Nutrient	
240	Cal-Vantage, Earth Works, ,2 x 2.5 gal, or proven equal	
241	Cal-Vantage, Earth Works, 30 gal, or proven equal	
242	C-Alpha Foliar, 2 x 2.5 gal container 10% Ca, or proven equal	
243	C-Alpha Foliar, 30 gallon, 10% Ca, or proven equal	
244	Carbon Power 20-0-4+1 Mg., Floratine , 1 gal cont. Or proven equal	
	Silica Sand	
	Root zone mix, a Silica sand product man-made, triple washed, off white color, sub angular particle USGA certified, PSA Lab Analysis, with 1 lb sample with bid Root zone - sand as spec above - includes Delivery quoted to the following areas:	
245	Silica Sand - Cacapon Park-price/ton- delivered	
246	Silica sand - Twin Falls - price/ton- delivered	
247	Silica Sand- Pipestem - price/ ton - delivered	
248	Silica Sand - Hawks Nest - price/ton - delivered	

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Item No:	Description	Case price
	<p align="center">Grounds Care (vendor may be requested to supply label) Organic insect control</p>	
249	Diatomaceous Earth,. Agriculture grade, Approx 50 lb bag, St. Gabriels Lab. Or proven equal,	
250	Diatomaceous Earth, Agri grade, Approx. 6 lb bag, St Gabriels Lab. Or proven equal	
251	Milky Spore, insect control, 40 oz. powder can, St. Gabriel Laboratories', Milky Spore is a naturally occurring host specific bacterium (Bacillus popillae-Dutky). Or proven equal	
252	Milky Spore, insect control, 20 lb granular, St. Gabriel Laboratories', Milky Spore is a naturally occurring host specific bacterium (Bacillus popillae-Dutky). Or proven equal.	
253	<p align="center">Snow and Ice removal</p> Ice and Snow Melter , Mag Chloride hexahydrate, Potassium Chloride, Sodium Chloride. A blend of above three materials, intended to deice on concrete and paved areas. Knox Fertilizer company, 50 lb, or equal	
254	Ice Melter, Potassium Chloride, and Sodium Chloride blend Intended for concrete and paved areas. Knox Fertilizer Company. 50. lb. Or equal	
255	Quad Blended Ice Melter, with pattern indicator Effective to -10F Sodium Chloride, Potassium Chloride, Magnesium Chloride, Calcium Chloride, Premera Turf, or equal 50 lb bag. Intended for removal of ice on paved areas.	

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Item No:	Description	Case price
	General Supplies	
256	SR-2000 Rotary Spreader, APT-8091-3, High quality stainless steel frame, 2-pneumatic tires, cone- adjust spread pattern 8-12 feet , on/off deflector, Hopper cover included, Anderson/Scott , commercial design, or equal	
257	Backlapping compound, 120 grit, Gel-Tec or equal , 25 # bucket	
258	Backlapping compound, 80 grit, Gel-Tec or equal , 25 lb bucket,	
259	Backlapping compound, 180 grit, Gel-Tec or equal, 10 # bucket,	
260	Hole-in-white, white paint aerosol can used to improve visual effect of putting green cup, 12 x 12 oz case, Hole-in white Co. or equal.	
261	Hole white, applicator tool, Designed for paint can as specified above.	
262	Signal, Blue dye, 48 x 2. oz packets, Soluble packets, or proven equal	
263	Signal, Blue dye, 1 gallon, or proven equal	
264	Spray pattern indicator – BLUE, no-marking on shoes after drying, 2x2.5 gal case, or equal	
265	Spray pattern indicator - GREEN, no-marking on shoes after drying, 2 X 2.5 gal case or equal	
266	Dye,Landscape mulch, bark brown, organic dye, May be used to dye landscaping mulch, restores faded mulch, 4 x 1/2 gal. Conc. container, Becker, or equal	
267	Dye,Landscape mulch, RED, may be used to dye landscaping mulch, restores faded mulch, 4 x 1/2 gal. Conc. container, Becker or equal	
268	Wetting Agent , granular , Respond 3, Concentrated wetting agent for turf grass to improve water to penetrate soils. Loveland, 5 0 lb, or proven equal	

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Item No:	Description	Case price
269	Spray adjuvant, wetting agent, Rewet , to be used with herbicides and chemicals for turf care , 2 x 2.5 gal, or proven equal	
270	D-Tox, Flowable, Activated carbon, liquid product, to neutralize pesticides, and petroleum spills. 2 X 2.5 gal case, Cleary or equal	
271	TransFilm 2.5, PBI Gordon, 2 x 2.5 gal, or proven equal	
272	Tank cleaner, 4 x 1 gal, to clean chemicals from tank sprayers, or proven equal	
273	Foam-Spray tracker /Tuff-trax, 4 x 1 gal, or proven equal	
274	Fighter F, Anti-foaming agent, Loveland, 24 x 1pt., or proven equal	
275	Fighter F, Dry packets , anti-foaming agent, premeasured for 100 gal of product., Loveland, or proven equal	
	Fairway and Tees (Turf Type Seed) vendor must supply tag/ label with bid	
276	3-way Perennial Ryegrass Blend, Mixture shall comprised of 3 Rye's in equal parts, all ryes being gray leaf spot resistant, NTEP rated varieties for mid Atlantic region within blend, Oregon Certified seed, >84% germination, 50 lb bag, must be golf quality seed, or proven equal	
277	4-way blend of Bluegrass, Fescue, and Rye shall comprised of 2 Blue grass Cultivars, 1 tall turf type fescue, 1 perennial rye, which is gray leaf spot resistant , Seed > 84% germination, current year tag, Oregon certified seed, 50 lb must be NTEP rated varieties for mid Atlantic region, or proven equal	
278	4-way Bluegrass/ Rye Blend, with approx 75% Kentucky bluegrass and 25% Ryegrass which is gray leaf spot resistant, must be NTEP rated, variety for mid Atlantic region, > 84% germination, current year tag, no noxious seeds, must be quality golf product, or proven equal	

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Item No:	Description	Case price
279	3-way blend of blue grass, fescue, and ryegrass , 50% Kentucky bluegrass, 25% chewings fescue, 25% perennial ryegrass, current year tag, > 84 % germination, 50 lb bag, no noxious seeds, UAP Signature executive seed mix, or proven equal	
280	Palmer IV Ryegrass, 50 lb. No noxious weeds, Current seed tag year, > 84% germination or proven equal	
	Bentgrass Seed (Turf Type) vendor must supply Blue tag/ label with bid	
281	Two Seed Cultivar Bent, Seed Research Varieties of Bentgrass, in equal parts,	
282	Penncross Bent, Oregon Certified Seed, >84% germination in current year , no noxious seed, 25 lb, or proven equal	
283	L-93 Creeping Bent seed, Germination >84% germination current year, No noxious seed, 25 lb bag, Oregon certified seed, or proven equal	
284	007 Creeping Bentgrass, Seed Research Variety of Bentgrass. Excellent winter color, competitive to Poa, dollar spot resistant , heat tolerant, use on greens , tees and fairways, >84% germination , current year seed tag, 25 lb., or proven equal	
285	Putter , Bentgrass seed, 25 lb bag, current year, > 84% germination, No noxious seed, the old standby, excellent color, The old standby excellent winter color, deep rooted, adaptable heights for variety of playing areas, or proven equal.	
286	T-1 Creeping Bentgrass, 25 lb bag, current year, > 84% germination, No noxious seed, Jacklin seed, excellent against Poa, grows well in variety of soil conditions, dollar spot resistant or proven equal	
287	Dominant, Bentgrass seed, 25 lb bag,current year seed tag, > 84 % germination, No noxious seed, Oregon Certified Seed or proven equal	