



TO: Board of Commissioners

FROM: Justin Kirtland, Golf Course Superintendent

THROUGH: Michael Benard, Executive Director

RE: Golf Course Chemicals

DATE: November 16, 2022

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**SUMMARY:**

A variety of different chemicals are used in the maintenance of the golf course. In an attempt to maximize resources, we opened the process to bidders for the chemicals that we use or may use on a regular basis.

There are a variety of specialty chemicals and fertilizers that are used in the maintenance of a golf course. Many of the products used change from year to year based on growing conditions (precipitation and temperature) and threats from pests and disease and may need to be purchased at a moment's notice in order to react to a particular condition. Not all items will be purchased during the season, but staff prefers to bid any product that could potentially go over the \$10,000 quote threshold in case immediate action is necessary.

Staff started the selective use of off brand and generic chemicals over ten years ago and would like to use them whenever practical to better manage our resources without compromising turf health or course conditions. However, just because a chemical has the same active ingredient as a name brand does not mean it uses the same technology. Because of this we would prefer to use name brands until we are able to test the off brands or generics ourselves or can get reliable information from others in the industry about the effectiveness of each. We have worked diligently to gather information on these products. Some have not worked well but others have proven to be effective and are now part of our regular program. We will continue to explore generic and off brand options next year and in the future.

You will notice in the bid results that we have not always chosen the least expensive chemical when an alternate was offered. This is because not all alternates are comparable to the item bid. Many of these chemicals have different formulations or release rates that make them difficult to control and, in many cases, increase the number of applications required. In other cases, the active ingredients are different, and the products are not the

same. We may have chosen to accept bids for alternates as well as the original product in some cases to allow for the testing of products and to use them if they prove effective.

### Bid Results

Notice for potential bidders was published on October 17, 2022, and bids were received until 10:00 AM on October 31<sup>st</sup>. Bids were received from four vendors. These were: Advanced Turf Solutions of Mendota, IL; BTSI of Frankfort, IL; Chicagoland Turf of Downers Grove, IL; Pendleton Turf Supply, Inc of Waterford, WI. Bid results are as follows:

Product	Packaging	Advanced Turf	BTSI	Chicagoland	Pendleton
Acelepryn	64 oz	No Bid	No Bid	\$1,137.50	No Bid
Tebuconazole	1 gal	\$74.00	\$100.00	\$85.00	\$63.70
Trinexapac-ethyl	2.5 gal	\$290.00	\$350.00	\$261.00	\$234.40
Briskway	1 gal	No Bid	No Bid	\$1,388.00	\$817.40
Daconil Action	2.5 gal	No Bid	No Bid	\$240.00	No Bid
Daconil Weatherstick	2.5 gal	No Bid	No Bid	\$190.00	No Bid
Ascernity	1 gal	No Bid	No Bid	\$473.00	No Bid
Posterity	105 oz	No Bid	No Bid	\$1,623.00	No Bid
Posterity XT	2.5 gal	No Bid	No Bid	\$610.00	No Bid
Anuew	per/case	\$1,891.20	\$1,891.20	\$1,891.20	\$1,560.00
Union	2.5 gal	No Bid	\$700.75	\$800.00	No Bid
Secure Action	2.5 gal	No Bid	No Bid	\$1,742.50	No Bid
Propiconazole	2.5 gal	\$199.00	\$225.00	\$184.62	\$170.00
Signature Extra	5.5 lb	\$174.00	No Bid	\$174.00	No Bid
Propamocarb	1 gal	\$1,114.38	\$315.00	\$228.10	\$290.00
Interface	2.5 gal	\$447.50	No Bid	\$447.50	No Bid
Densicor	51 oz	\$673.20	No Bid	\$673.20	No Bid
Tartan	2.5 gal	\$833.75	No Bid	\$833.75	No Bid
Carbaryl	2.5 gal	\$140.00	\$150.00	No Bid	No Bid
ArmorTech 45	2.5 gal	\$199.00	No Bid	No Bid	\$150.00
Paclobutrazol	1 gal	\$197.00	\$225.00	\$225.54	\$140.00
Ferrous Sulfate	50 lb bag	No Bid	No Bid	\$29.44	No Bid
Fiata Stressguard	2.5 gal	\$167.25	No Bid	\$167.25	No Bid
22-0-4 w/ZnB 50% XCU	per/ton	\$925.00	No Bid	No Bid	No Bid
Proscape 0-0-7 MOP w/.067 Acelepryn + .167 Dimension	per/ton	No Bid	No Bid	\$2,440.00	No Bid
Anderson 0-0-8 0.067%Acelepryn 0.167%Dimensionon DG Pro SGN150	per/ton	No Bid	No Bid	\$3,352.00	No Bid

Product	Packaging	Advanced Turf	BTSI	Chicagoland	Pendleton
Dimension 2EW	2.5 gal	\$577.86	\$235.00 (1 gal)	\$650.00	\$480.00
Chlorothalonil	4 x 5 lb. /case	\$185.00	\$272.00	\$144.42	\$140.00
Alypso Plus	2.5 gal	\$145.53	No Bid	\$144.75	No Bid
TV Siphon	2.5 gal	No Bid	No Bid	\$133.45	No Bid
Command	2.5 gal	\$140.00	No Bid	No Bid	No Bid
Indemnify	17.1 oz.	\$1,601.00	No Bid	\$1,601.00	No Bid
Tetrino	per/case	\$457.00	No Bid	\$457.00	No Bid
Thiophanate-methyl	2.5 gal	\$155.00	\$185.00	\$142.50	\$137.80
Cutless MEC	2.5 gal	\$1,248.80	\$1,248.80	\$1,248.80	\$1,248.80
Urea phosphite	2.5 gal	No Bid	No Bid	\$162.50	No Bid
Potassium phosphite	2.5 gal	\$110.00	\$212.50	\$100.00	\$96.80
Iprodione	2.5 gal	\$225.00	\$225.00	\$159.00	\$162.00
T-Zone	2.5 gal	\$214.75	\$214.75	\$265.00	No Bid
Andersons 16-0-8 1.14% Escalade/ 25% NS-54/ 150 SGN:	40 lb. bag	\$32.50	No Bid	\$26.00	No Bid
Anderson's 21-22-4 .08% TRIONE/ 30% MU/ 135 SGN:	50 lb. bag	\$58.34	No Bid	\$52.94	No Bid
70% KY Blue – 30% Perennial Rye	50 lb. bag	No Bid	\$225.00	\$139.00	No Bid
Barenbrug Blue HGT w/yellow jacket	50 lb. bag	\$297.00	\$259.50	\$261.36	\$260.00
30% KY Blue, 30% creeping Red fescue, 40% perennial Rye	50 lb. bag	No Bid	No Bid	\$186.79	No Bid
Prices Hold Until*		11/30/2022	9/30/2023	9/30/2023	8/31/2023
Delivery Charge		\$0.00	\$0.00	\$0.00	\$0.00

\*Agency prices are determined by the manufacturer and are subject to change. All others will be held until the date indicated.

These items are suggested for bid approval.

These items are alternates and are generally not considered equal.

We have used Advanced Turf Solutions, BTSI, Chicagoland and Pendleton in the past for the purchase of chemicals and/or fertilizers and have found service to be very good.

**PREVIOUS COMMITTEE/BOARD ACTION:**

The SOI was discussed at the Building and Grounds / Finance Committee meeting on November 2, 2022

The Board of Commissioners approved a similar list of chemicals and fertilizers after going to bid in September of 2021. This list can be provided by staff if requested.

**REVENUE OR FUNDING IMPLICATIONS:**

\$200,000 has been requested in the 2023 golf course operating budget in account 60-601-000-53-5335-0000 (Chemicals and Fertilizer). The total spent on all items will fit within this budgeted amount.

**ALTERNATIVES:**

Chemicals and fertilizers are an integral part of the maintenance of the golf course. Using the most appropriate products allows us to maximize effectiveness while minimizing cost, staff time and application rates. Significantly decreasing or eliminating the use of these products would have an almost immediate negative impact on playing conditions and could result in serious loss of turf.

**RECOMMENDATION:**

It is recommended that the Wheaton Park District Board of Commissioners approve bids highlighted in yellow on the above chart. The breakdown is as follows:

From Advanced Turf Solutions of Mendota, IL for: Interface in the amount of \$447.50 for 2.5 gallons, Densicor in the amount of \$673.20 for 51 ounces, Tartan in the amount of \$833.75 for 2.5 gallons, Carbaryl in the amount of \$140.00 for 2.5 gallons, ArmorTech 45 in the amount of \$199.00 for 2.5 gallons, Fiata Stressguard in the amount of \$167.25 for 2.5 gallons, 22-0-4 w/ZnB 50% XCU in the amount of \$925.00 per ton, Dimension 2EW in the amount of \$577.86 for 2.5 gallons, Command in the amount of \$140.00 for 2.5 gallons, Indemnify in the amount of \$1,601.00 for 17.1 ounces, Tetrino in the amount of \$457.00 per case, and T-Zone in the amount of \$214.75 for 2.5 gallons

From BTSI of Frankfort, IL for: Union in the amount of \$700.75 for 2.5 gallons, Carbaryl in the amount of \$150.00 for 2.5 gallons, and T-Zone in the amount of \$214.75 for 2.5 gallons.

From Chicagoland Turf of Downers Grove, IL for: Acelepryn in the amount of \$1,137.50 per 64 ounces, Briskway in the amount of \$1,388.00 per gallon, Daconil Action in the amount of \$240.00 for 2.5 gallons, Daconil Weatherstick in the amount of \$190.00 for 2.5 gallons, Ascernity in the amount of \$473.00 per gallon, Posterity in the amount of \$1,623 for 105 ounces, Posterity XT in the amount of \$610.00 for 2.5 gallons, Anuew in the amount of \$1,891.20 per case, Secure Action in the amount of \$1,742.50 per 2.5 gallons, Signature Extra in the amount of \$174.00 for 5.5 pounds, Propamocarb in the amount of \$228.10 per gallon, Ferrous Sulfate in the amount of \$29.44 per 50 pound bag, Proscap 0-0-7 MOP w/.067 Acelepryn + .167 Dimension in the amount of \$2,440.00 per ton, Anderson 0-0-8 .067% Acelepryn .167 Dimension DG Pro SGN150 in the amount of \$3,352.00 per ton, Alypsso Plus in the amount of \$144.75 for 2.5 gallons, TV Siphon in the amount of \$133.45 for 2.5 gallons, Cutless MEC in the amount of \$1,248.80 for 2.5 gallons, Urea phosphite in the amount of \$162.50 for 2.5 gallons, Iprodione in the amount of \$159.00 for 2.5 gallons, Andersons 16-0-8 1.14% Escalade/25% NS-54/150SGN in the amount of \$26.00 per 40 pound bag, Anderson 21-22-4 .08% TRIONE/ 30% MU/ 135 SGN in the amount of \$52.94 per 50 pound bag, 70% KY Blue – 30% Perennial Rye in the amount of \$139.00 per 50 pound bag and 30% KY Blue, 30% creeping red fescue, 40% perennial rye in the amount of \$186.79 per 50 pound bag.

From Pendleton Turf Supply of Waterford, WI for: Tebuconazole in the amount of \$63.70 per gallon, Trinexapac-ethyl in the amount of \$234.40 for 2.5 gallons, Briskway alternate in the amount of \$817.40 per gallon, Anuew alternate in the amount of \$1,560.00 per case, Propiconazole in the amount of \$170.00 for 2.5 gallons, Paclobutrazol in the amount of \$140.00 per gallon, Dimension 2EW alternate in the amount of \$480.00 for 2.5 gallons, Chlorothalonil in the amount of \$140.00 per 4x5 pound case, Thiophanate-methyl in the amount of \$137.80 for 2.5 gallons, Potassium phosphite in the amount of \$96.80 for 2.5 gallons and Barenbrug Blue HGT w/yellow jacket in the amount of \$260.00 per 50 pound bag.