



TO: Board of Commissioners

FROM: Justin Kirtland, Golf Course Superintendent

THROUGH: Michael Benard, Executive Director

RE: Golf Course Chemicals

DATE: November 29, 2023

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 3, 2023, and bids were received until 10:00 AM on October 17th. Bids were received from six vendors. These were: Advanced Turf Solutions of Geneva, IL; BTSI of Frankfort, IL; Clesens of Lincolnshire, IL; Pendleton Turf Supply, Inc of Waterford, WI; Reinders Inc of Geneva, IL; Simplot AB Retail of Downers Grove, IL. Bid results are as follows:

Product	Packaging	Advanced Turf	BTSI	Clesen	Pendleton	Reinders	Simplot
Acelepryn Xtra	2.5 gal	No bid	No bid	\$2,000.00	No bid	\$2,000.00	\$2,000/\$1,800 (10)
Tebuconazole	1 gal	\$85.50	\$180.00	\$48.55	\$48.50	\$66.70	\$71.10
Trinexapac-ethyl	2.5 gal	\$335.00	\$350.00	\$271.55	\$255.70	\$287.50	\$293.75
Briskway	1 gal	No bid	No bid	\$1,457.00	\$766.75	\$1,457.00	\$1,457.00
Daconil Action	2.5 gal	No bid	No bid	No bid	No bid	\$265.00	\$265.00
Daconil Weatherstick	2.5 gal	No bid	No bid	No bid	No bid	\$210.00	\$210.00
Ascernity	1 gal	No bid	No bid	\$497.00	No bid	\$497.00	\$497.00
Posterity	105 oz	No bid	No bid	\$1,740.00	No bid	\$1,704.00	\$1,704.00
Posterity XT	2.5 gal	No bid	No bid	\$640.00	No bid	\$640.00	\$640.00
Anuew	per/case	\$1,476.00 (5 gal)	\$472.80	\$472.80	\$1,680.00 (PP)	\$472.80	\$1,891.20
Chlorantraniliprole	64 oz	No bid	No bid	\$1,025.20	No bid	No bid	No bid
Sethoxydim	2.5 gal	\$723.24	No bid	No bid	No bid	No bid	\$781.25
Triclopyr	2.5 gal	\$127.86	\$485.00	\$142.20	\$179.40	\$129.38	\$126.67
Secure Action	2.5 gal	No bid	No bid	\$1,742.50	No bid	\$1,742.50	\$1,742.50
Propiconazole	2.5 gal	\$225.00	\$225.00	\$183.89	\$133.60	\$149.50	\$162.50
Signature Extra	5.5 lb	\$189.00 (24)	\$500.00	\$206.00	No bid	\$206.00	\$206.00/\$189 (24)
Propamocarb	1 gal	\$330.59	\$295.00	\$310.55	\$249.00	\$497.06	\$286.00
Densicor	51 oz	\$725.00	No bid	\$725.00	No bid	\$725.00	\$725.00
Tartan	2.5 gal	\$939.20	No bid	\$1,033.00	No bid	\$1,033.00	\$1,033/\$939.20 (6)
Carbaryl	2.5 gal	\$193.85	No bid	\$124.24	No bid	No bid	No bid
Gold Standard 45	2.5 gal	\$207.27	No bid	No bid	\$150.00	No bid	No bid
Paclobutrazol	1 gal	\$226.00	\$215.00	\$186.36	\$138.00	\$192.34	\$209.06
Fiata Stressguard	2.5 gal	\$189.70	No bid	\$189.70	No bid	\$189.70	\$189.70
22-0-4 w/ZnB 50% XCU	per/ton	\$925.00	No bid	No bid	No bid	No bid	No bid
Chlorothalonil	4 x 5 lb. /case	\$189.00	\$129.00	\$142.55	\$132.00	\$224.14	\$152.94
Alypso Plus	2.5 gal	\$145.53	\$250.00	\$146.07	No bid	No bid	\$146.075
TV Siphon	2.5 gal	No bid	No bid	No bid	No bid	No bid	\$134.30
Reslia	2.5 gal	\$890.80	No bid	\$890.80	No bid	\$890.80	\$890.80

Product	Packaging	Advanced Turf	BTSI	Clesen	Pendleton	Reinders	Simplot
Command	2.5 gal	\$144.93	No bid	No bid	No bid	No bid	No bid
Indemnify	17.1 oz.	\$1,925.00	No bid	\$1,925.00	No bid	\$1,925.00	\$1,925/\$1,732.50 (6)
Tetrino	per/case	\$1,992.00	No bid	\$1,992.00	No bid	\$1,992.00	\$498.00 (1/4 case)
Thiophanate-methyl	2.5 gal	\$180.00	\$175.00	No bid	\$127.00	\$120.75	\$177.05
Cutless MEC	2.5 gal	\$1,280.00	\$1,280.00	\$1,280.00	\$1,280.00	\$1,280.00	\$1,280.00
Iprodione	2.5 gal	\$212.50	\$225.00	\$157.55	\$161.75	\$173.25	\$211.54
Prices Hold Until*		9-30-24	9-30-24	6-1-24	7-31-24	1-1-24	9-30-24
Delivery Charge		\$0.00	\$0.00	\$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, Clesen, Pendleton, Reinders and Simplot in the past for the purchase of chemicals and/or fertilizers and have found service to be very good.

PREVIOUS COMMITTEE/BOARD ACTION:

The Board of Commissioners approved a similar list of chemicals and fertilizers after going to bid in October of 2022. This list can be provided by staff if requested.

The SOI was discussed at the Building and Grounds / Finance Committee meeting November 8, 2023.

REVENUE OR FUNDING IMPLICATIONS:

\$210,000 has been requested in the 2024 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 Geneva, IL for: Anuew (liquid) in the amount of \$1,476.00 for 5 gallons, Sethoxydim in the amount of \$723.24 for 2.5 gallons, Densicor in the amount of \$725.00 for 51 ounces, Tartan in the amount of \$939.20 for 2.5 gallons, Gold Standard 45 in the amount of \$207.27 for 2.5 gallons, Fiata Stressguard in the amount of \$189.70 for 2.5 gallons, 22-0-4 w/ZnB 50% XCU in the amount of \$925.00 per ton, Alypso Plus (alternate) in the amount of \$145.53 for 2.5 gallons, Reslia in the amount of \$890.80 for 2.5 gallons, Command in the amount of \$144.93 for 2.5 gallons, Indemnify in the amount of \$1,925.00 for 17.1 ounces, and Tetrino in the amount of \$1,992.00 per case.

From BTSI of Frankfort, IL for: Chlorothalonil in the amount of \$129.00 per 4 x 5 pound case

Clesen's of Linconshire, IL for Anuew (granular) in the amount of \$472.80 per case, Chlorantraniliprole in the amount of \$1,025.20 for 64 ounces, Carbaryl in the amount of \$124.24 for 2.5 gallons, Alypso Plus in the amount of \$146.07 for 2.5 gallons, and Iprodione in the amount of \$157.55 for 2.5 gallons.

From Pendleton Turf Supply of Waterford, WI for: Tebuconazole in the amount of \$48.50 per gallon, Trinexapac-ethyl in the amount of \$255.70 for 2.5 gallons, Briskway alternate in the amount of \$766.75 per gallon, Propiconazole in the amount of \$133.60 for 2.5 gallons, Propamocarb in the amount of \$249.00 per gallon, and Paclobutrazol in the amount of \$138.00 per gallon.

From Reinder Inc of Geneva, IL for Thiophanate-methyl in the amount of \$120.75 for 2.5 gallons.

From Simplot AB Retail of Downers Grove, IL for: Acelepryn Xtra in the amount of \$2,000.00 for 2.5 gallons, Briskway in the amount of \$1,457.00 per gallon, Daconil Action in the amount of \$265.00 for 2.5 gallons, Daconil Weatherstick in the amount of \$210.00 for 2.5 gallons, Ascernity in the amount of \$497.00 per gallon, Posterity in the amount of \$1,704 for 105 ounces, Posterity XT in the amount of \$640.00 for 2.5 gallons, Triclopyr in the amount \$126.67 for 2.5 gallons, Secure Action in the amount of \$1,742.50 for 2.5 gallons, Signature Extra in the amount of \$189.00 for 5.5 pounds (24+), TV Siphon in the amount of \$134.30 for 2.5 gallons and Cutless MEC in the amount of \$1,280.00 for 2.5 gallons,