



Brackett's Crossing Country Club Professional Turf Management Staff Welcomes the Wee One.

essary to support our own in cases of emergency and need.

Tom Proshek, Superintendent at Brackett's Crossing for the last 19 years is looking forward to the event. Proshek began his career 32 years ago at New Prague Golf Club followed by a grow-in stint at Wildflower Golf Course. According to Tom, all the staff from the pro shop to the administrative office are ready and welcoming the group for a fantastic fundraiser at a great venue.

Proshek and his professional management team of Assistant Arik

Hemquist, Head Mechanic/Assistant Ken Adams and second Assistants Mark Schmitz and Larry Enwall have a combined tenor at the club of over 63 seasons. All those years add up to a well-maintained 18 hole golf course stretching to 6990 yards from the "tips" and 6,551 for the Wee One Tournament.

Agronomically, Brackett's Crossing has its challenges. The property sits upon old farm and swampland with a heavy rock and clay profile that does not drain well even in the best of seasons. Frost heaving accentuates the issues and annually changes



Pipers, three, on hole 9

drainage patterns even more. Fortunately for Tom and his crew, the club's owner understands soil dynamics and the need to be continuously maintaining and improving the surface and subsurface drainage patterns for better playing conditions.

The blend of poa/bent fine turf surfaces were also challenged during last winter's long grip of ice and an additional layer of May snow. Now however, you can't tell there was any injury thanks to the recovery efforts of Tom and

his capable staff. Smooth and firm, the course will challenge the field and provide scoring opportunities for those who can craft their game as well as have a bit of luck.

The toughest hole? "Number 10", according to Tom, "It is a slight dog leg right, par four with water on the left and OB to the right of the landing area. Without a well-positioned drive you will be left with a long iron into a well-protected green that is slightly elevated. Due to some of the previously mentioned drainage challenges,

the 10th hole will be played as a par 3 while Hartman Companies remedies a few moisture issues. The easiest is number six, a short par four drivable by the real long hitters.”

The trickiest hole? “Number four is a long par four that plays slightly uphill and dog legs to the right. A long, precise tee shot needs to hit the angled fairway otherwise deep rough on either side will make hitting the blind second shot very difficult,” according to Superintendent Proshek.

The 2013 Wee One Event is shaping up to be a great fundraiser. Two on-course food stands, a sumptuous Italian buffet dinner, raffle prizes valued at over \$3,000, a purse over \$1,500, camaraderie and most important of all, support for “one of our own”.

2013- The Wee One Event. It wouldn't be the same without you. See you on October 7th. The MGCSA/Wee One Event nets the highest return ever...October 7, 2013.

Now Available!

# EROSION BLANKETS

### STRAW

- 100% certified weed free straw
- Available in Single/Double Sided
- Erosion control up to one year

### EXCELSIOR

- 100% Rocky Mountain Excelsior
- Available in Single/Double Sided
- Erosion control up to 18 months

### COCONUT

- 100% Coconut Fibers
- Available in a Coconut/Straw blend
- Erosion control up to three years



11151 Chaparrel Ave. | 4105 85th Ave. North  
Shakopee, MN 55379 | Brooklyn Park, MN 55443  
(800) 831-4891 | (763) 493-5150





## Debris Equipment

- Clean turf and hard surfaces quickly and easily
- Clear cores, grass clippings, leaves, sand, thatch and more
- High productivity providing significant labor savings



## Debris Blowers

Choose the debris blower that best fits your particular job requirements, applications and operational needs. The Pro Force™ is an engine driven unit that is towed behind a utility vehicle, and it provides tremendous debris clearing air power for maximum productivity and efficiency. The Debris Blower 600 is a tractor pulled PTO driven model.



## Sweepers and Vacuums

Choose from the hydraulically driven Pro Sweep™, the engine powered Rake-O-Vac®, or the PTO driven Versa-Vac™ tractor pulled units for large volume capacity organic debris collection.



MTI Distributing, Inc.  
4830 Azelia Avenue N.  
Brooklyn Center, MN 55429  
800-362-3665  
763-592-5600  
Fax: 763-592-5700

MTI Distributing, Inc.  
2131 16th St. N. Suite C  
Fargo, ND 58102  
800-782-1031  
701-281-0775  
Fax: 701-281-9417



**Count on it.**



The Legends at  
Giants Ridge

# Precisely Blended Soils

*Delivered or Mixed On-site*

Topdressing Sands  
Bunker Sands  
Green Colored Topdressing  
Black Dirt & Peat  
Horticultural Mixes

As the Midwest's leading golf course supplier, consistent product quality is critical. We carry a full line of topdressing sands and mixes containing top-grade Minnesota peat. For special needs such as increasing CEC ratio, we custom blend topdressing with fertilizer or humates using our computerized **Accublender™**.

Landscape Rock & Mulch  
Retaining Walls & Pavers  
Field Stone Boulders  
Construction Sand  
Cart Path & Road Base

Call our technical service team for soil testing or soil mix recommendations. Visit our website to view the full product offering.

THE SOIL EXPERTS.



Elk River, MN • [plaistedcompanies.com](http://plaistedcompanies.com) • 763.441.1100

# *Deeeeep Drains and Mini-Channels a Breakthrough on Spring Ice Removal?*

Photos and Editorial by Scott Wandler,  
Assistant Superintendent at Missoula Country Club, Mt.  
Re-printed from *The Perfect Lie*, the Peaks and Prairie GCSA

As another winter approaches, we start planning how to deal with next year's formation of ice. We all know when ice melts that the problems for greens can be devastating if the water isn't removed from the surface, but instead allowed to go into a constant freeze/thaw period. But we also know removing ice by chipping can be tedious and exhausting for a maintenance crew, not to mention the marks left behind on the greens.

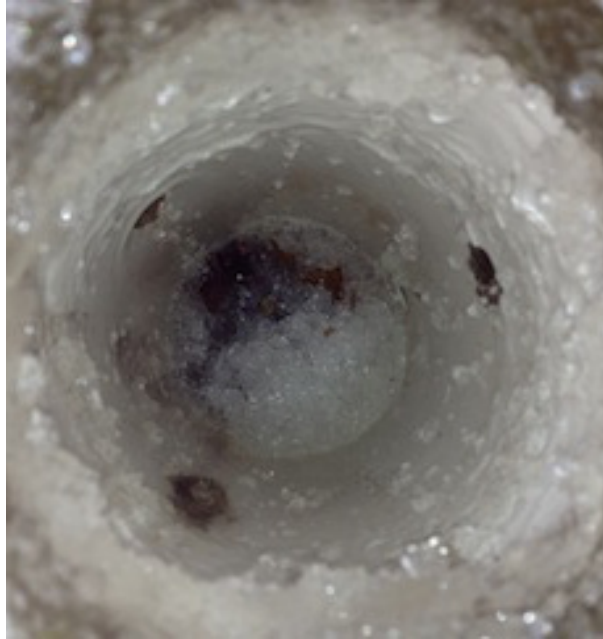
Over the last three years at The Missoula Country Club, we have tried to help the water run-

off the surface of the green with as little ice chipping manual labor as possible. We already have some problems with soil dams in front of our greens, and with the frost heaves that accompany winter, they create a dam two times higher than during the summer. Because of this, we see very little drainage off the green until that soil dam is breached. Unfortunately, by the time a strong melt starts, the sun goes down and the water comes to a standstill and freezes. To combat this problem, we started putting drain

holes in our greens to help evacuate the water off the green faster.

In the fall of 2009, we had a soaking rain that, with a little help from the irrigation system, showed the low spots and natural drainage perfectly. I

flagged each low spot with an irrigation flag and followed with a paint dot; the dots required some maintenance until the drains were put in. The number of drains varied from three to five drains per green.



Around the first of November, our crew cut the drains. We used a regular cup cutter, an old cup cutter that was modified into an auger, and four-inch drainpipe with a drain grate. The first guy cut a cup at every drain site. The second guy followed with the auger, which dug the rest of the drain hole and also collected the drain-hole material so it made almost no mess. Next, we took a stick of four-inch drainpipe and cut it just short of the surface so the drain grate could sit flush on the green. We also used a push type sod cutter, normally used to repair hydraulic leak accidents, to

cut a canal through our soil dam in the front collar. Both plugs and the sod strip were stored in our nursery and overwintered. As play fell off and the threat of snow came, we removed the drain grates and put

a flag next to the hole.

Around the middle of February, I went out with a broom handle and found the holes, which had been covered with snow, and exposed them. Most were already draining some water, and

the holes were not

iced over or filled with snow. I used the broom handle just to make sure the bottom of the hole wasn't frozen, either. The drains were working to eliminate water, and therefore ice, on the greens.

We have modified how we do things over the last three winters. We now use water to find the low spot instead of eyeing it, and we place green drain covers on the greens to finish out the year. Obviously snowfall has varied considerably these last three winters, but the results have been consistently fantastic. The drains worked so well this year that we

will probably go without the canal through the front collar in 2014. In 2013 we didn't have any solid ice in our low spots, and the ice that we did have contained an air layer, between it and the turf, that collapsed when you walked on it.

There is always going to be ice, but here at Missoula Country Club, we may have found a way to be ready whenever Mother Nature provides the unseasonal warm up.



**Superior Tech Products**  
Leading Edge Turfgrass Solutions

952-546-3678  
stp@stproots.com  
www.stproots.com

 [www.stproots.blogspot.com](http://www.stproots.blogspot.com)  
 SuperiorTechProducts



**smooth  
healthy  
consistent  
greens**

Vibratory Greens Roller  
& Greens Care Collection

**True-Surface®**

MICHIGAN STATE  
RESEARCH SUMMARY  
*3 Years in a Row*



**Floratine Nutrition**



Low dose contact fungicides

**= Superior Control**

of **Crown Rot Anthracnose**  
than other fungicides

**GOLF COURSES | SPORTS FIELDS | PARKS**



**Turf Health**  
Liquid & Granular  
Fertilizers







**HERFORD □ NORBY**  
**G o l f C o u r s e A r c h i t e c t s**

Phone: 952.361.0644 Fax: 952.361.0645  
e-mail: [golfnorby@earthlink.net](mailto:golfnorby@earthlink.net) web: [www.herfortnorby.com](http://www.herfortnorby.com)

*Quality since 1971...*

**HARTMAN**  
Golf Course Construction  
& Renovation

*Specializing in...*  
Bunkers • Tees • Laser Leveling • Green Drainage • Irrigation • Design • Pump Station Upgrades

8099 Bavaria Rd.  
Victoria, MN 55386  
952.443.2990

[info@hartmancompanies.com](mailto:info@hartmancompanies.com)  
[www.hartmancompanies.com](http://www.hartmancompanies.com)



# The Pro's First Choice

## PROFESSIONAL ADVISE AND SOLUTIONS

### EAGAN WAREHOUSE:

1980 SENECA ROAD  
EAGAN, MN 55122  
763.686.6756

### DELANO STATION:

511 RAILROAD AVE  
DELANO, MN 55328  
THE HISTORIC DELANO FEED MILL  
763.398.0316

### LORETTO:

CORNER OF RT. 55/RT. 19 IN LORETTO  
IT'S WORTH THE DRIVE!  
763.479.1481

### LIZA CHMIELEWSKI

PENN STATE TURF MANAGEMENT DEGREE

#### SPECIALIZING IN:

FERTILIZER  
HERBICIDES  
FUNGICIDES  
BENT GRASSES  
ROUGHS & FAIRWAYS

### KEVIN MANLEY

MSU HORTICULTURE (30-YEARS EXPERIENCE)

#### SPECIALIZING IN:

ARBORJET TREE INJECTION  
EAB AND JAPANESE BEETLE  
PRO'S CHOICE  
SIMPLE/COST-EFFECTIVE DRAINAGE  
ATHLETIC FIELD MIXES



**NO INTEREST  
NO PAYMENTS**  
TILL MAY 2014\*

## Put some serious muscle on your course.

Let the heavy hauling begin. The new ProGator 2020A features the only 4-cylinder EFI gas engine in the category. With 34 hp\* and 970 cc of hill climbing torque, you'll get strength, raw power, and performance.



### Done hauling?

This vehicle can be converted to a SelectSpray sprayer in just minutes, without tools. Best of all, it's easy to maintain with convenient access to everything you'll want or need to check on a daily basis.

No wonder the 2020A is ready to take on the toughest courses, while making it look easy.

Cannon Falls, MN (507) 263-4238    Hastings, MN (651) 437-7747    New Richmond, WI (715) 246-6565    Osceola, WI (715) 294-2191    Rosemount, MN (651) 423-2274    Turtle Lake, WI (715) 986-4403

[www.frontieragturf.com](http://www.frontieragturf.com)

\*The engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturer's web site for additional information. \*Offer available till May 31, 2014. Subject to approved credit on revolving plan, a service of John Deere Financial, f.s.b. For consumer use only. No down payment required. Interest will be charged to your account from the purchase date at 17.9% APR if the purchase balance is not paid in full by May 31, 2014 or if your account is otherwise in default. Other special rates and terms may be available.