

FALL CLEAN UP

After a cooler than average summer featuring excellent growing conditions and low disease pressure beware of "Turf Outlaws" wandering into town and damaging your turf!



**WANTED
DEAD OR ALIVE
(PREFERABLY DEAD!)**



DOLLAR SPOT

Cool nights and warm fall days with extended periods of dew are the perfect conditions for the appearance of dollar spot. Often conditions of lower fertility are present especially on fairway turf which accentuates the problem.

Dollar spot in the fall seems to be more aggressive than in the summer and fluffy white mycelium is evident. Dollar spot damage can persist into the next spring without healing.

Fight back with

Cadence[®]
F U N G I C I D E

*A Better Standard For
Dollar Spot Control*

"Pardner" Cadence[®] with

Insignia[®]
F U N G I C I D E

for complete disease control.

For more information on the BASF line of turf products, visit www.betterturf.ca

MGS
HORTICULTURAL INC.

Another Way
We Are
Helping You Grow

BE ON THE LOOKOUT FOR FUSARIUM PATCH!



Fusarium patch is a well known fall "outlaw", occurring in prolonged cool moist or wet conditions. Failure to run this disease "out of town" can result in damage that is very slow to heal because of the slow growing conditions of the fall. A heavy load of Fusarium inoculum in the fall going into the winter coupled with snow cover, can put any snow mold controls at a serious disadvantage to control pink snow mold--- which is caused by the same fungal agent.



ANOTHER OUTLAW ON YOUR TURF THAT CAN BE RUN OUT OF TOWN IN THE FALL IS LOCALIZED DRY SPOT

Throughout the summer, LDS can be a constant problem and often in the fall, applications of wetting agents such as Revolution and Primer are reduced.

Fall is the time of aerification and core removal and the IDEAL time to provide a long lasting solution to LDS.

Profile™ Porous Ceramic

The Best Way To Amend Your Sand

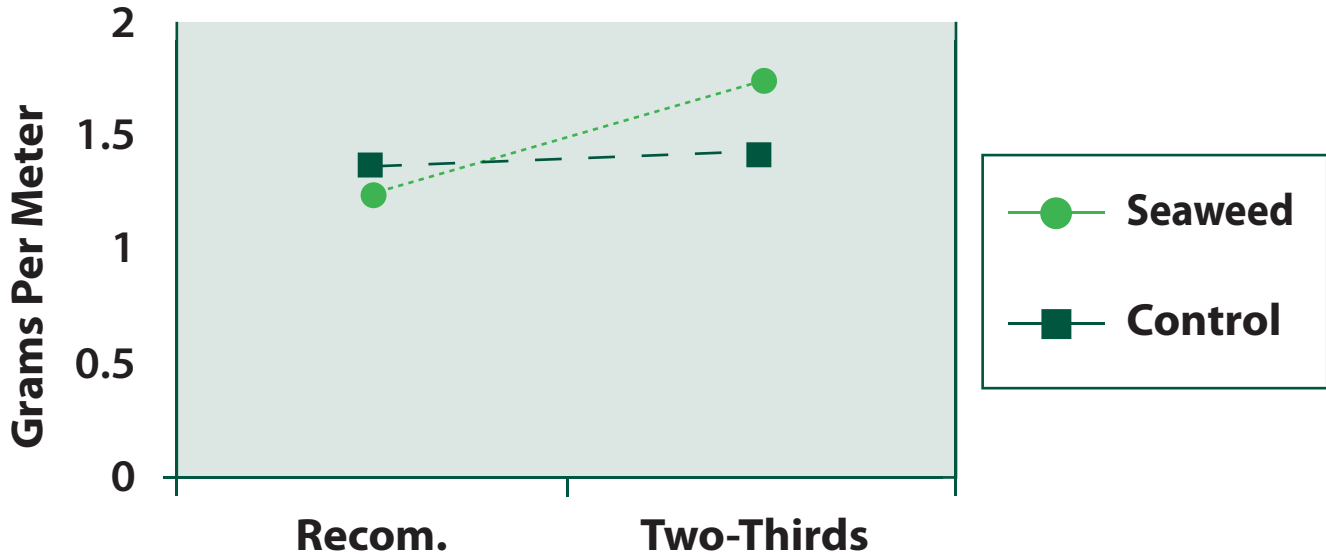
PPC For Sand Root Zones

Profile™ Porous Ceramic (PPC) is an inorganic soil amendment that replaces peat and dramatically improves the moisture and nutrient holding ability of sand root zones. PPC mixes meet the specifications outlined in the USGA's *2004 Recommendations for a Method of Putting Green Construction* and is used on over 3,500 courses around the world. Unlike peat, PPC improves the drainage of sand root zones - and it does so permanently. PPC, added to your sand or soil, does not breakdown or decompose. It also increases drainage at the same time it increases moisture retention, a result of balancing air and water pore space in the root zone. PPC has been proven on thousands of greens and at major turfgrass universities across the country to increase soil oxygen, resist compaction, eliminate localized dry spot, drain better and facilitate healthy root systems that leave turf less prone to disease. As part of a new greens mix or used in your topdressing program, PPC has proven to be more effective than peat or other inorganic amendments at increasing air and water pore space and enhancing nutrient uptake without breaking down.



FIGURE 4

Turfgrass Root Mass



Aerification is an opportune time to incorporate a granular seaplant extract such as Organic Ocean 5-2-2. Trials have shown significant increases in root mass with applications of Seaplant extract at 2/3rds rate.



ORANICOCEAN 5-2-2-GR BIOSTIMULANT GRANULAR AMENDMENT

GUARANTEED MINIMUM ANALYSIS

Total nitrogen (N)	5%
Water insoluble nitrogen	5%
Available phosphoric acid (P ₂ O ₅)	2%
Soluble potash (K ₂ O)	2%
Organic matter	65%

TYPICAL ANALYSIS

Boron (B)	25 ppm
Calcium (Ca)	3.8%
Copper (Cu)	12 ppm
Iron (Fe)	0.06%
Magnesium (Mg)	0.7%
Manganese (Mn)	35 ppm
Sodium (Na)	0.8%
Zinc (Zn)	60 ppm