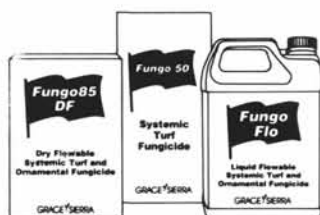


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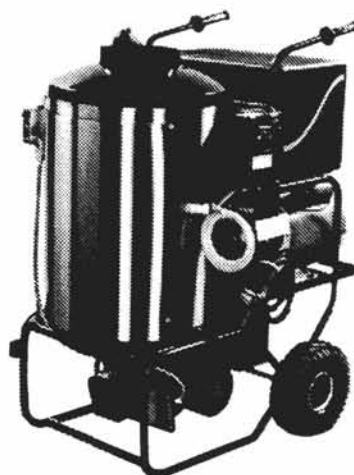
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NGF Program Recognizes Achievement in Public Golf

JUPITER, Fla. — A total of 108 golf facilities and municipalities from across the U.S. have been recognized by the National Golf Foundation for excellence in enhancing the public golf experience in their communities.

As a result, each facility will receive the NGF's Public Golf Achievement Award for 1992. Created in 1990, the award program is part of an ongoing effort by the Foundation to underscore the importance of public golf to the growth and enjoyment of the game in America.

In announcing the award recipients, NGF President and CEO Joseph F. Beditz said, "The quality of programs being conducted at public courses across the country, as reflected by this year's entries, is excellent. It's also very apparent that these facility operators take great pride in their accomplishments and the NGF is proud to recognize them."

The importance of public golf to the long-term growth of the game, Beditz added, is reflected in the fact that approximately 70 percent of all rounds played today are recorded at public facilities.

In inviting entries this year, the NGF underscored its special interest in recognizing programs that focus on both beginning and occasional golfers, and, which underscore the fact that golf, above all, is fun.

This year's award recipients entered a total of 162 programs that included such ideas as special twilight four-hole programs for beginners; Big Brother/Big Sister programs and "latch-key" programs for juniors, and indoor winter introductory clinics.

Illinois

Arrowhead Golf Course, Wheaton
(Wheaton Park District)

Cog Hill Golf & Country Club, Lemont
(Joe Jemsek)

Glenwoodie Golf Club, Glenwood
(Joe Jemsek)

Hickory Hills Country Club, Hickory Hills
(Steven Gianakas)

Marriott's Lincolnshire Golf Course, Lincolnshire
(Marriott Corporation)

Pine Meadow Golf Club, Mundelein
(Joe Jemsek)

Spencer T. Olin Community Golf Course, Alton
(Arnold Palmer Golf Management Company)

St. Andrews Golf Club, West Chicago
(Joe Jemsek)

The Rail Golf Club, Springfield
(The Rail Golf Club Inc.)

The Village Links of Glen Ellyn, Glen Ellyn
(Village of Glen Ellyn)

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Grand Opening & Ground Breaking Hughes Creek Golf Course

by Fred D. Opperman

Friday, May 28, 1993, Dave Meyer had the official opening of his new golf course, Hughes Creek. Congressman Dennis Hassert was on hand to help cut the ribbon and dig the first shovel full of dirt for the construction of the new clubhouse. David and his partner Joe Foerner can take a lot of credit for the good looking course they have built on the outskirts of Elburn. There must have been about 100 people on hand for the ground breaking and opening of the 18 holes. Golf along with a lunch and drinks were complements of the owners. Hughes Creek is an 18 hole par 72, 6506 yards from the Blue tees. It is on a piece of rolling land with good vistas. The maintenance building is an old cattle barn that has been remodelled. In center part of the building where the hay mow was, trusses were installed and the inside was insulated for a very comfortable and sizable shop, washrooms, and offices. All around the hay mow on three sides you have a four foot concrete wall with a concrete floor for the storage of equipment. Just an excellent building and reconditioning of it. Lanse Hatfield the golf course superintendent should be very pleased with this old/new building.



L to R: Pro Scott Pless, Dave Meyer, Mayor Mike Stoffa, Congressman Dennis Hassert, Joe Foerner along with some of the staff at the official ground breaking for the new club house at Hughes Creek Golf Course.



L to R: Dave Meyer, Congressman Dennis Hassert, Elburn Mayor, Mike Stoffa; and Joe Foerner at the ribbon cutting of Hughes Creek official opening.

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The Generosity of Grass

by Dan Dinelli, North Shore C.C.

Life is full of so many wonderful things. We all tend to take some of them for granted. However, from time to time most of us tend to appreciate the warming sun, the cool rains, the laughter of a child, the beauty of flowers, the songs of birds, etc., etc. There is one thing I challenge, does anyone stop to appreciate, *grass*? Yes, that green fluffy stuff we swear at when it's time to mow. That green mantle of grass which possess some to nurture at any price; watering, fertilizing, controlling pests that may feed on it. It seems America is obsessed with the keeping of grass as a perfect lawn, but few seem to appreciate grass for what it is.

Recognizing the importance of grass dates way back. "All flesh is as grass," the quotation from the First Epistle of Peter, goes on, "and all the glory like the flower of grass".

Recognizing the importance of grass dates way back. "All flesh is as grass," the quotation from the First Epistle of Peter, goes on, "and all the glory like the flower of grass." Meaning, our physical being relies heavily on grass. Many animals including man depend on grass as a food source. Cows that give us our dairy products, graze on grasses. It is a grass that provides us with wheat, the most important single food crop in the world. Grasses come in many shapes and sizes. The grass family, is one of the largest plant families, composed of over 4,500 species. Several species are familiar to us; bent grass, blue grass, rye grass. Also included in the grass family are cereal grains like barley, rye, oats, rice, sugar cane and corn. What would beer be like without barley? What would come of Milwaukee?

Soil is another magical element few think of. We in the Midwest are blessed with deep dark soil. This area, known as the corn belt, is rich and high in organic matter. It took thousands of years to build the richness into the soil. The builders of this soil are the prairie grasses. Each spring, waves of russet leaves give way to the new. The old leaves and the extensive root system contribute annually to the compost, enriching the soil.

Much life revolves in and around turf. A grazing deer or rabbit may be seen on occasion. However, a more intense ecosystem occurs that few ever see. A very diverse insect community makes a living in turf, from grasshoppers, to beetles, to flies. Among the insects live the fungi, bacteria, and other micro organisms. This busy little world is what recycles the compost left behind by the grasses. This microbial activity also helps grass filter water. The dense mat of grass combined with the life around it offers the best bio-filter. Even some of the harshest chemicals are tied up and altered, resulting in cleaner water passing through.

Turf helps in trapping much of the estimated 12 million tons of dust and dirt released each year in the United States atmosphere. The U.S. Environmental Protection Agency (EPA) recognizes the vast benefits of turf. It is recommended by the EPA for some sensitive areas to be protected with a dense stand of turf as a buffer. Examples are areas sensitive to run off and erosion. More watersheds are being protected by grass due to its ability to hold on to soil and filter pollutants as they pass through.

Carbon dioxide and sulfur dioxide are major pollutants. These add to global warming and other changes in the environment. Grass is one of the best purifiers of these pollutants. An acre of grass absorbs hundreds of pounds of sulfur and carbon dioxide a year. For this, it makes sense to have a greenbelt of grass along roadsides. In the process of taking carbon dioxide, the plant gives off oxygen. A lawn area, 160 ft. x 160 ft., produces enough oxygen for a family of 4. This process is carried out in the plant's ability to photosynthesize. Photosynthesis is a complex process of building energy. One of the major elements is water. Water is taken in and given off as the plant transpires. This release of water into the atmosphere produces a cooling effect. Two acres of grass has the cooling effect of about 70 tons of air conditioning. The average size air conditioner for the home is about 4 tons.

Two acres of grass has the cooling effect of about 70 tons of air conditioning. The average size air conditioner for the home is about 4 tons.

Grass contributes still much more to man. Ornamental grasses and lawns add value to homes as part of the landscape. Grasses offer a sound buffer. They also offer us a ground cover to enjoy many activities, from picnics in the park to athletic fields. It is no surprise that lawns cover over 50,000 square miles in the U.S. alone.

Man's strong desire to tame the world didn't overlook grasses. We try to maintain grass as home lawns, ball fields, and golf courses. Much effort is given to obtain a perfect sword of turf. Though, little respect is given to the single grass plant. One square foot of turf can be the home for over 850 grass plants. Knowing the generosity of grass, it is not asking too much to replace a divot, repair a ball mark, or perhaps tread a little lighter. It seems grass works hard adding to the fulfillment of life. The least we can do is return the favor.

Simple Ground Squirrel Control

In past years, the Cadillac C.C. had a severe ground squirrel problem. The little buggers were everywhere, causing damage to all aspects of the course. Multiple commercial controls we tried, including traps and poison. They all had only superficial effects.

Then James Gautz, our Assistant Superintendent, came up with an idea that over time has reduced our rodent population to easily manageable levels. Jim built a wire mesh tube about 3" by 9" long and capped at one end. When employees had extra time they would take the tube and a jug of water out onto the course. When they spied a ground squirrel they would chase it down its hole. Next, they would place the tube over the hole and pour water through the tube into the hole. The squirrel would run up into the tube where it could be easily captured and disposed of. Often several squirrels would come out of a single hole. In the beginning large numbers (up to 75) of pests were taken in a single afternoon. Over a period of several years the rodent populations were greatly reduced. Now, three or four afternoons a summer on "gopher patrol" manages their populations.

Jeffrey T. Dorrell, Superintendent, Cadillac C.C.

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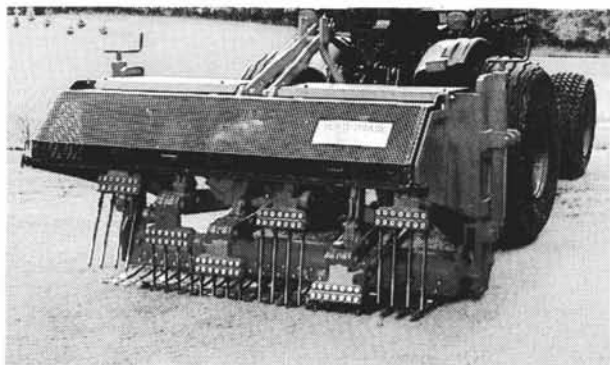
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Upcoming Events — Mark Your Calendar

- July 12-18** — Ameritech Senior Open, Stonebridge G.C.
July 19 — MAGCS meeting at Poplar Creek G.C.
August 4 — ILCA Field Day at Shermin Nursery
August 16 — MAGCS meeting at Turnberry G.C.
August 18 — U of I Field Day
August 21 — MAGCS Family Picnic & Kane County Cougars
August 30 — John Deere Golf Tournament at Elgin C.C.
September 21 — MAGCS meeting at Shoreacres G.C.
September 27 — Northern Illinois ITF Golf Day at Riverside G.C. and Ruth Lake Golf Club.
October 4 — MAGCS meeting at Bartlett Hills G.C.
November 10 — MAGCS Turf Clinic at Medinah C.C.

Dr. Ken Payne, former professor at Michigan State suffered a stroke and partial paralysis back in early June. We all pray that the effects of the stroke are only temporary and he will have a speedy recovery. Friends can send get well wishes to 414 Clarendo Rd., East Lansing, MI 48823.

The GCSAA is now coming out with a program to offer grants to graduate students. These grants will be offered to outstanding students in the field of golf course management, education and research. To be eligible, students must be currently enrolled in a master's or doctoral degree program related to golf course management. It is this editor's opinion that we already have a couple fine programs in action today. This new program may drain funds from these programs already in progress. The GCSAA doesn't go into any detail how this program is to be funded.

Wanted: A commercial/industrial 36" used rotary mower similar to a Bunton. Call Steve Cummins at 708/382-3252.

For Sale: 96 concrete parking blocks @\$5.00 each. Must pick up and take all. Call Ted Mochel at 708/301-1276.

Golf Course Sales Rep. needed in the Chicagoland area. Distributing fertilizers, chemicals and grass seed. Please send resume to: Gary Hunter, Wilbur-Ellis Company, 1952 W. Market Street, Nappanee, IN 46550. Or call: 1-800-955-2401.

On June 7, 16 Penn State Alumni held the 1st Musser Turfgrass Foundation Golf outing at the Old Elm Club. This event hosted by Ed Fischer was the first time such an event was held in the Chicago area. They are hoping to continue it in years to come, with each alumni offering his course for a fine cause. This year's golf outing hoped to raise \$2000. The participants this year were: Ed Fischer, Wayne Otto, Fred Opperman, Dave Louttit, Dudley (Nittany) Smith, Jeff Scott, Scott Azinger, Greg Coyne, Bruce Sering, Jay Druhan, Don Maske, Mike Bavier, Dennis Solleto and Dave Blomquist.

For those of you who would like to grow roses, give Paul Voykin a call. His rose beds are beautiful.

The MAGCS owes a debt of gratitude to John Ebel. John went through his past **Bull Sheets** and removed from his collection many of the missing issues I had asked for. John gave us 37 past issues from the 50's and 60's. I would still like to have any issues from the 40's, and 50's. In the 60's we need August 1960 and June 1961. I know they are out there, let's look.

The 1993 Michigan Turfgrass Field Day will be held Thursday, August 19, 1993, at the Hancock Turfgrass Research Center, Michigan State University, East Lansing, MI. Details regarding this event will be mailed in July. For further information contact Kay Patrick, 517/321-1660.

Ted Wiersema, 83, mechanic emeritus at Silver Lake fell victim to a stroke May 21st and is currently under care at the Palos Community Hospital in Palos Heights.

Ted Wiersema succeeded Leonard DeBruyn as superintendent of Ridge C.C., and remembers mowing fairways there with horses. In 1956 Ted became superintendent at Westgate Valley for Tom Walsh. Since 1959, Ted has been on Dudley Smith's staff at Silver Lake.

Midwest Association wishes Ted a speedy recovery.

Chicago Turf & Irrigation is seeking a mechanic for our turf equipment service department. Some experience in hydraulics, hydrostatics, gas and diesel engine, plus electrical trouble shooting is required. Send resume to: CTI, 1170 W. Ardmore, Itasca, IL 60143.

The grapevine is saying that Dr. Tom Green is leaving Morton Arboretum this summer or fall. It will be a loss to the Chicagoland area to lose such a knowledgeable friend.

For the 120 golfers who played River Forest Golf Club on the first day of summer, June 21, it was a wonderful day. Joel not only had the course in excellent shape and groomed, but he had a beautiful sunny day laid out for us. For those of you who may have wondered what the beautiful white flowering ornamental trees were, they are *Syringa reticulata*, commonly known as Japanese Tree Lilac. Thanks Joel for a beautiful course and day.

Bob Kronn has qualified for the Illinois PGA Open this year. Good Luck, Bob.

I hate to report that we have lost one of our **Bull Sheet** photographers. John Meyer is leaving to take a job in Atlanta, GA. Good luck, John, and thanks for the pictures and memories.

Bill Saielli and Len Wesson have both been in the hospital in mid June. Please give these fine guys a call or send a card. It's always good to hear from a friend when you are laid up.

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“This Earth is Precious”

In 1854, the “Great White Chief” in Washington made an offer for a large area of Indian land and promised a ‘reservation’ for the Indian people. Chief Seattle’s reply, published here in full, has been described as the most beautiful and profound statement on the environment ever made.

How can you buy or sell the sky, the warmth of the land?
The idea is strange to us.

If we do not own the freshness of the air and the sparkle of the water, how can you buy them?

ALL SACRED

Every part of this earth is sacred to my people.

Every shining pine needle, every sandy shore, every mist in the dark woods, every clearing and humming insect is holy in the memory and experience of my people. The sap which courses through the trees carries the memories of the red man.

The white man’s dead forget the country of their birth when they go to walk among the stars. Our dead never forget this beautiful earth, for it is the mother of the red man.

We are part of the earth and it is part of us.

The perfumed flowers are our sisters; the deer, the horse, the great eagle, these are our brothers.

The rocky crests, the juices in the meadows, the body heat of the pony, and man — all belong to the same family.

NOT EASY

So, when the Great Chief in Washington sends word that he wishes to buy our land, he asks much of us. The Great Chief sends word he will reserve us a place so that we can live comfortably to ourselves.

He will be our father and we will be his children. So we will consider your offer to buy our land.

But it will not be easy. For this land is sacred to us.

This shining water that moves in the streams and rivers is not just water but the blood of our ancestors.

If we sell you land, you must remember that it is sacred, and you must teach your children that it is sacred and that each ghostly reflection in the clear water of the lakes tells of events and memories in the life of my people.

The water’s murmur is the voice of my father’s father.

KINDNESS

The rivers are our brothers, they quench our thirst. The rivers carry our canoes, and feed our children. If we sell you our land, you must remember, and teach your children, that the rivers are our brothers, and yours, and you must henceforth give the rivers the kindness you would give a brother.

We know that the white man does not understand our ways. One portion of land is the same to him as the next, for he is a stranger who comes in the night and takes from the land whatever he needs.

The earth is not his brother, but his enemy, and when he has conquered it, he moves on.

He leaves his father’s grave behind, and he does not care. He kidnaps the earth from his children, and he does not care.

His father’s grave, and his children’s birthright, are forgotten. He treats his mother, the earth, and his brother, the sky, as things to be bought, plundered, sold like sheep or bright beads.

His appetite will devour the earth and leave behind only a desert.

I do not know. Our ways are different from your ways.

The sight of your cities pains the eyes of the red man. But perhaps it is because the red man is a savage and does not understand.

There is no quiet place in the white man’s cities. No place to hear the unfurling of leaves in spring, or the rustle of an insect’s wings.

But perhaps it is because I am a savage and do not understand.

The clatter only seems to insult the ears. And what is there to life if a man cannot hear the lonely cry of the whippoorwill or the arguments of the frogs around a pond at night? I am a red man and do not understand.

The Indian prefers the soft sound of the wind darting over the face of a pond, and the smell of the wind itself, cleaned by a midday rain, or scented with the pinon pine.

PRECIOUS

The air is precious to the red man, for all things share the same breath — the beast, the tree, the man, they all share the same breath.

The white man does not seem to notice the air he breathes. Like a man dying for many days, he is numb to the stench.

But if we sell you our land, you must remember that the air is precious to us, that the air shares its spirit with all the life it supports. The wind that gave our grandfather his first breath also receives his last sigh.

And if we sell you our land, you must keep it apart and sacred, as a place where even the white man can go to taste the wind that is sweetened by the meadow’s flowers.

ONE CONDITION

So we will consider your offer to buy our land. If we decide to accept, I will make one condition. The white man must treat the beasts of this land as his brothers.

I am a savage and I do not understand any other way.

I have seen a thousand rotting buffaloes on the prairie, left by the white man who shot them from a passing train.

I am a savage and I do not understand how the smoking iron horse can be more important than the buffalo that we kill only to stay alive.

What is man without the beasts? If all the beasts were gone, man would die from a great loneliness of spirit.

For whatever happens to the beasts, soon happens to man. All things are connected.

THE ASHES

You must teach your children that the ground beneath their feet is the ashes of your grandfathers. So that they will respect the land, tell your children that the earth is rich with the lives of our kin.

Teach your children what we taught our children, that the earth is our mother.

Whatever befalls the earth befalls the sons of the earth. If men spit upon the ground, they spit upon themselves.

This we know: The earth does not belong to man; man belongs to the earth. This we know.

All things are connected like the blood which unites one family. All things are connected.

Whatever befalls the earth befalls the sons of the earth. Man did not weave the web of life; he is merely a strand of it. Whatever he does to the web, he does to himself.

(continued on page 20)

(The Earth is Precious continued)

Even the white man, whose God walks and talks with him as friend to friend, cannot be exempt from the common destiny.

We may be brothers after all.

We shall see.

One thing we know, which the white man may one day discover — our God is the same God.

You may think now that you own Him as you wish to own our land; but you cannot. He is the God of man, and His compassion is equal for the red man and the white.

The earth is precious to Him, and to harm the earth is to heap contempt on its Creator.

The whites too shall pass; perhaps sooner than all other tribes. Contaminate your bed, and you will one night suffocate in your own waste.

But in your perishing you will shine brightly, fired by the strength of the God who brought you to this land and for some special purpose gave you dominion over this land and over the red man.

That destiny is a mystery to us, for we do not understand when the buffalo are all slaughtered, the wild horses are tamed, the secret corners of the forest heavy with scent of many men, and the view of the ripe hills blotted by talking wires.

Where is the thicket? Gone.

Where is the eagle? Gone.

The end of living and the beginning of survival.

Editor's Comment: I discovered after I sent this issue to the printer, that this article is fictional. "The Little Green Lie" by Mary Murray, in the July 1993 "Readers Digest" explained this speech. Too bad it's fictional; I'd really like to believe in it.

From the Workbench

Sponsored By: Chicagoland Golf Course Mechanics Assn.

Written By: Chuck Totten, V.P., CGCMS

Topic: Cushman Transmission Installation

Problem: When installing a Cushman transmission, it is often difficult to line up the pilot shaft splines and Bell housing mounting bolts. By using two 7/16 x 1½-14 bolts and grind off the heads and slot the tips with a hacksaw for a flat blade screwdriver to fit in, install the studs in the Bell housing using them as dowel guides. They only need to be finger tight for easy removal. Slide the transmission pilot shaft in just past the throwout bearing so the input shaft splines of the transmission meet the splines on the clutch plate. Use a pipe wrench on the clutch throwout lever assembly to slightly release pressure on the clutch plate. By having the transmission in gear, turn the output shaft on the transmission until the splines on the input shaft and clutch plate align with each other. The transmission should then easily slide into position. Then, remove your line up dowels, most times this can be done with your fingers.

Solution: Clutch/spline alignments are always somewhat tricky. But, this makes the Cushman a lot easier and will save you time.

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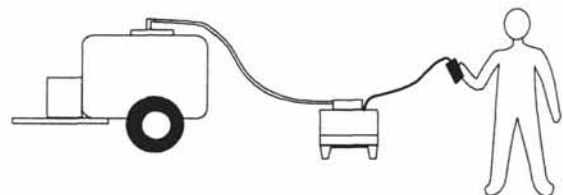


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