If filling your top dresser takes longer than application...you need a Mete-R-Matic II

Replace the outmoded man-and-shovel method with a bucket-loaded Mete-R-Matic II top dresser and its 3/4 cu. yd. hopper capacity.

- 3/4 cu. yd. of top dressing adequately covers one complete pass the length of a football field or an average size golf green.
- Unit pressure (psi) on turf is similar to self-propelled type top dressers.
- Mete-R-Matic II has a five-foot wide spread with consistent, even application.
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Self-propelled Mete-R-Matic Top Dresser...the original, proven method of conveyor and rotating brush.

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FROM THE PRESIDENT'S DESK
DON LINDBLAD

The March Mini Conference was very well attended and probably a record breaker. I hope everyone who had questions got them answered. We surely had all the right people to answer any of the wide variety of questions that came up.

I believe Keith Scott and Mark Smith are progressing toward greater involvement by this association and other turf related associations in having an equipment display show sometime in June.

Please be aware that the Minnesota Golf Association has just published its new list of course ratings that now carry a slope number as well as the regular course ratings. The slope is the evaluation of the difficulty of a course as it affects the higher handicap. This new wrinkle will allow the higher handicapper to increase his handicap on a difficult course but, alas, on the other side of the coin, he must decrease his handicap on easier courses. The average slope for men is 113 and for ladies 100. Since the accuracy of course rating depends so much on yardage, the superintendent must make sure by correct rotation of tee markers that the course plays the distance it was rated from at all times.

What I like to call our "spring opening meeting" is being held at Owatonna Country Club this year. I know Randy and his staff will be ready because he knows so many of us are more than ready to start playing some golf along with the fine educational subjects that are given to us at each one of our monthly meetings. Hope to see an even bigger turn out at Owatonna than we had at last year's April meeting in Mankato.
Minnesota Valley Club was purchased by the International Painter's Union Pension Fund in 1980. The union has entered into a joint venture with Pemtom Co. of Bloomington to build 360 condominium units on the property in the form of six buildings each containing 60 units. They will do this and still maintain as 18-Hole golf course. Proposed golf course design changes were made by Arnold Palmer Design Co. with Ed Seay, architect.

After operating for many years from an old barn that had been converted to a workshop, in March of 1982 I was informed the first condominium complex would be constructed on that site. Construction would begin in the fall. I was to make plans for a new shop.

I began by talking to my assistant, mechanic and crew to see what features they would like in a new building and then proceeded to visit some of the area's superintendents to see their maintenance shops. They were very helpful in sharing their ideas and experiences.

We then worked out the square footage needed for storage and workshop and came up with a total requirement of 12,000 square feet. A 60 x 200 foot building gave us the best floor plan and fit into the site which had already been determined by the golf course architect.

My wife became involved at this point, drawing out the floor plan for presentation to the general contractor.
For long-lasting disease control—from the tee, across the fairway, and on the green—nothing's on a par with CHIPCO® 26019 turf fungicide.

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Off this main shop area is a wash rack, 15 x 15 feet. This area has hot and cold water as well as a floor drain that continues the entire length of the building. This also is the driveway from the shop into the west storage area serviced by an insulated 12 x 12 foot overhead door.

The workshop and washrack area has gas radiant heat which is very comfortable, heating the floor and objects in the room. It is also more efficient than forced air heat and has a faster recovery after overhead doors are opened during cold weather.

Off the shop area are a parts and tool room, a chemical storage room and a paint storage room.

The lunch room is 15 x 15 feet. In here we have a cabinet with double sink, refrigerator and microwave oven. It is also our conference/meeting room. I wish I had made it a little larger as it gets a little crowded in the summer.

There are two offices, each one with a window looking into the main work shop.

My assistant and mechanic share an office where they can keep all equipment records and parts books. They also have their own phone line which works out very well.

There are two bathrooms, one with a shower.

All of these rooms off the work shop area are heated by a forced air gas furnace with underground duct work.

Since the offices and storerooms have 8 foot ceilings a mezzanine storage area over them is nice for items that are seldom used.

Lighting in the work area and adjacent rooms is fluorescent. Conventional lighting was used in the east and west ends of the building.

Each section has its own ventilation system.

Garage door openers were installed on the three insulated overhead doors and a burglar alarm system was installed throughout the building because of our somewhat remote location.

We have blacktop drives and parking around the building. There are steel guard posts by each exterior overhead door. Our gas pumps are in easy view of the mechanic and the superintendent's office.

The building was completed and approved for occupancy the first week of April 1983.

We think our building has a good traffic flow with easy access to all areas and are happy with the way it turned out. Anyone interested in seeing it is welcome to stop in for a visit and tour.

**FOR SALE**

2. 1974 Cushman topdresser. Like new.
3. Old Ryan sodcutter.
4. 1970 Turf Vac.
5. 1972 Toro Sand Pro
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<th>MAJOR AREAS OF USE</th>
<th>SPECIAL FEATURES</th>
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</thead>
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<td>Athletic Pro Mix</td>
<td>High maintenance athletic turf</td>
<td>Both are well suited for new seeding or overseeding. Fast establishing, excellent traffic tolerance, and rapid recovery. Provides good footing.</td>
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<td>Athletic Pro II Mix</td>
<td>Low to moderate maintenance athletic turf.</td>
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<td>Boulevard Mix</td>
<td>Any area with high pH (roadsides, sidewalks, boulevards, beachfronts, etc.)</td>
<td>Contains both &quot;Fults&quot; Puccinellia distans and Dawson red fescue which thrive on high saline or alkaline soils. Performs at low to high fertility levels.</td>
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<td>Landscape Pro Mix</td>
<td>School grounds, cemeteries, golf course roughs, lawns</td>
<td>Fast establishing. Adapts to broad range of conditions and management levels.</td>
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<td></td>
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<td>Low to moderate fertility requirements.</td>
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<td>Overseeder II Mix</td>
<td>Fairways, tees, athletic fields</td>
<td>Fast establishing, traffic tolerant, disease resistant, penetrates compacted soil.</td>
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<td>Medalist North Mix</td>
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<td>Premium Sod Blend</td>
<td>Commercial sod producers</td>
<td>Fast establishing, exceptional dark green color, shade tolerant, superior disease resistance.</td>
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<td>Special Park Mix</td>
<td>Parks, commercial developments, lawns</td>
<td>Low fertility tolerance, shade tolerant, adapts to wide range of soil types.</td>
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- Rugged 75 G.P.M. capacity centrifugal pump powered by P.T.O.
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Optional equipment available:
- 15 foot three section boom to cover large areas. Boom equipped with 10” nozzle spacing, two sets of tips and check strainers. Boom has breakaway hinges and folds vertical for easy transportation. Boom section mounts in sleeve on tank skid for quick installation and removal. “Tee Valve” gives complete control of three section boom, allowing operator to choose any combination of boom sections for optimum coverage.
- Trigger type gunjet with 50 ft. of hose can deliver fog or a straight stream to reach hard to get areas.

Minnesota Wanner manufactures a complete line of quality trailer and skid mounted sprayers, turf care accessories, including lawn carts and root feeder needles, as well as custom designed units.

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TIMELESS PRODUCTS

Generations ago, superintendents drove to the oceans, loaded their lorries with seaweeds that had washed to shore and carried them back to their courses for composting and topdressing. Others drove to local pasture lands and stockyards for natural manures to use as fertilizer.

The pioneers in golf course grooming couldn't have known that seaweeds contain unique hormones that stimulate cell division and delay senescence in turfgrasses. They simply knew that areas treated with sea plant compost seemed healthier and more resistant to stress. Neither could they have known that pasture manures contain unique amino acids that are beneficial to turf. They just observed that turf fertilized with these materials was noticeably heartier, denser and greener.

TODAY'S TECHNOLOGY
REFINING THE BASICS

Today, researchers are identifying the key constituents responsible for the many benefits associated with these natural materials. And sophisticated processing technologies have been developed to extract and preserve these beneficial constituents making possible a new generation of safe, natural, highly effective products.

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Sand-Aid granular sea plant meal contains a carbohydrate unique to sea plants. It's electrochemical action neutralizes the negative charge on clay particles helping reduce compaction. In sand, it develops into a porous aggregate which reduces water loss.

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Turfco Mfg. Inc. is the result of a chain of events that started during the mid 1920's when Frank Ditter designed and built an airplane in a North Minneapolis garage. He called this business adventure Federal Aircraft Works. Upon completion this airplane was taken to Wold-Chamberlain Speedway for its initial test flights. The tests were conducted by Speed Holman. The plane was very advanced for the time. It was the first aircraft in this area with an enclosed cockpit. Unfortunately, one night a tornado swept through the Speedway and destroyed many of the airplanes stored there, including "Federal Aircraft 1".

After this financial setback, and at the request of the other pilots, Frank started manufacturing skis for landing aircraft on snow. This phase of the business sustained itself until the end of the depression when Frank moved the company to its present location at 3456 N. Washington. During World War II Federal manufactured many items for the war effort, including engine hoists for servicing aircraft. The most notable accomplishment of Federal Aircraft Works was the design and manufacture of the skis for the aircraft used by Admiral Byrd for the North and South Pole Expeditions. One of Byrd's "R4D" Aircraft is in the collection at the Naval Air Museum in Pensacola, Florida. The skis are still intact.

In 1953, Frank Ditter decided to diversify Federal Aircraft into another market by collaborating with Olaf Rogneby on the design and manufacture of a sodcutter. The "Professional" sodcutter was the first product of the SodMaster Division. Later, in cooperation with Art Cohrs and Bennett Larson of the Minneapolis Golf Club, SodMaster introduced the first Mete-R-Matic topdresser (1961). Between 1961 and 1964, SodMaster also introduced the Bantam Sodcutter, the Edge-R-Rite Sandtrap Edger, and the Pipe Piper Oscillatory Pipe and Wire Plows.

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