

Wood product improves seed germination

American Excelsior Co., a manufacturer of erosion-control blankets, concrete revetment system and mulches, has introduced of its newest product: Fiber-Cel hydraulic mulch.

Produced from a blend of two unique mulch ingredients—wood fibers (Aspen) and cellulose—Fiber-Cel combines the unique properties of both these elements

to create a greenhouse effect for germinating seeds. Fiber-Cel's wood-fiber content is known to act as a carrying agent for additives, including tackifiers and water-retention agents. When used with tackifiers, these fibers hold nutrients close to the seed for better germination and growth. The product's cellulose component is utilized for its ability to fill in spaces

between soil particles, creating a paper-mache effect on the soil.

Fiber-Cel mixture is one (1) 50 lb. bag to 100 gallons of water. The suggested application rate is 2,000 lbs. per acre on 3:1 slopes or less. Consult local or state specifications for exact rates. For more information, contact Steve Walker at 800-777-SOIL.

CIRCLE 306

Gandy aerators reduce compaction

Gandy's new aerators, models 4972 and 4996, are professional aeration tools designed with dual-wheel aerating heads which independently follow the ground contour.

Model 4972 operates at a 6-foot aerating width, the Model 4996 at an 8-foot span. Both

mount on a tractor category I, 3-pt. hitch. Interchangeable coring spoons or slicing knives allow operators to core/slice turf to reduce thatch and soil compaction.

For more information, call 800-443-2476.

CIRCLE #307

Tupersan eliminates undesirable grasses

KANSAS CITY, Mo. — PBI Gordon's Tupersan herbicide wettable powder is a convenient sprayable formulation of Siduron, a preemergent which inhibits the establishment of undesirable grasses without interfering with the establishment of desirable newly seeded or seedling grasses. Labeled for most major cool-season turf species, Tupersan provides highly effective control of smooth and hairy crabgrass, as well as foxtail and barnyardgrass.

Gordon's Bensumec 4LF pre-emergent grass and weed herbicide contains Betasan, especially formulated by PBI Gordon for easy mixing with water, soluble fertilizers and other products registered for turf care. Bensumec 4LF provides effective, season-long control of annual grass and broad-leaf weeds in greens, tees, fairways, dichondra and grass lawns in many areas. It is well tolerated by most turfgrasses and is an economical product for eliminating *poa annua* on greens and tees.

For information on Tupersan call 800-821-8275.

CIRCLE #308

New Subdue Maxx formulation okayed

GREENSBORO, N.C. — Subdue MAXX, a new formulation that provides disease protection at half the recommended rate of the original Subdue fungicide, has received registration by the Environmental Protection Agency. The new formulation will be introduced to the market this year, eventually replacing all current Subdue formulations.

Subdue MAXX features a new active ingredient, mfenoxam, that is twice as active as metalaxyl, the active ingredient currently in Subdue. Mfenoxam is an isomer of metalaxyl and a more biologically active chemical compound, making application rates are half those currently recommended for Subdue.

Subdue MAXX controls pythium blight, pythium damping-off and downy mildew on many warm-and cool-season turf species. For more information, contact Ciba at 910-547-1096.

CIRCLE #309



Ever since its introduction, BAYLETON® Turf and Ornamental Fungicide has been one of the most popular products of its kind.

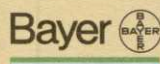
And no wonder. Its systemic action is not only effective, it keeps the control you need from being washed away or mowed off. So you can apply BAYLETON whenever—and wherever—you want.

And now, that famous BAYLETON control is available in a convenient new package. The drum. It not only keeps BAYLETON fresh and dry, it enables you to use exactly how much you need.

That's especially important when you tank mix BAYLETON for even broader control. Its ability to be used in combination with other products is one of the most outstanding features of BAYLETON, and now, that's even easier to do.

To find out more, contact Bayer Corporation, Specialty Products, Box 4913, Kansas City, MO 64120. (800) 842-8020.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS.
© 1997 Bayer Corporation Printed in U.S.A. 97S10A0040-1



CIRCLE #123

Riverdale fungicide receives registration

Patchwork 0.78% Granular Fungicide (contains Rubigan, a trademark of DowElanco) is registered and available from Riverdale Chemical Co. With easy-to-understand rates and use recommendations, Patchwork is labeled for the preventive treatment of necrotic ring sport, summer patch, fusarium blight, take-all-patch, and spring dead spot. Patchwork is cleared for use on golf courses, including greens and tees.

Rubigan has always been extremely effective preventing patch diseases. Applying the active ingredient in Rubigan (fenarimol) on a granular carrier insures that all of the active ingredient reaches the soil surface for improved efficacy. Patchwork must be applied preventively for most effective control. For more information, call Riverside at 800-345-3330.

CIRCLE #310

Barricade application gives season-long control

DES PLAINES, Ill. — Barricade herbicide's flexible application timing allows superintendents to apply in very early spring, yet still retain season-long control.

Supported by Kansas State University research, where Barricade and other pre-emergence herbicides were applied in late fall and early spring, Barricade showed the same consistently high level of performance.

"Its extended residual opens up numerous application options," said Gene Hintze, turf and ornamental business manager for

Sandoz Agro. "An early-spring application — on ground that is not frozen — can provide up to 26 weeks of control."

Barricade herbicide offers consistent control of crabgrass, goosegrass, annual bluegrass, spurge, knotweed and 25 other grassy and broadleaf weeds. Its unique, non-staining active ingredient can be applied at rates as low as one-fourth of that required for other preemergence herbicides. For more details call 800-248-7763.

CIRCLE #311

Fertilizers

Continued from page 32

highest percentage of water-insoluble nitrogen (WIN) for reasons of safety and longevity, they should realize that some of the WIN of some products, such as UFs, may not be available in a single growing season. By comparison, the WIN in IBDU is virtually 100-percent available in a single season.

To select the most economical and predictable product, the fertilizer's WIN percentage must be closely evaluated. The WIN percentage actually is composed of two parts: cold water-insoluble nitrogen (CWIN) and hot water-insoluble nitrogen (HWIN).

HWIN is the percentage of WIN that is not available in a single growing season. The higher the proportion of CWIN to HWIN, the more controlled-release nitrogen will be available in a single season.

Besides the solubility of the fertilizer compound, golf course superintendents need to consider several factors when selecting the proper fertilizer. These can include soil type, soil moisture and the desired rate of nitrogen release. Uncoated, slow-release fertilizers would be a good choice on USGA Green Section greens for the following reasons:

- Reduced leaching relative to soluble fertilizer.
- Reduced burn potential relative to soluble fertilizer.
- Absence of protective coatings means they are less affected by spike damage.
- Uncoated greens fertilizers typically are available in smaller particle sizes than coated fertilizers, so they are less likely to be picked up by mowers.

One other factor influencing the use of slow-release fertilizers is a golf course's labor force. Fewer required applications make uncoated, slow-release fertilizers ideal for use when labor is at a premium.

New course prep

Continued from page 31

At a new course that has been overseeded, a superintendent could benefit from warming soil temperature to jump-start the underlying Bermudagrass and increase coverage on new greens. "Some superintendents will use carbon or Milorganite, something dark to absorb the sunlight and warm the soil a few degrees," said Lon Chatfield, a superintendent at Bonita Bay (Fla.) Country Club.

"Some cultural practices, like a light verticutting, would help. Fertilizing with a quick-release material like ammonium sulfate could get some additional coverage."

REQUESTED BY PLAYERS

PREFERRED BY COURSE PROFESSIONALS

SPECIFIED BY DESIGNERS

USED WITH PRIDE THE WORLD OVER!



AND YOU THOUGHT ALL WE MADE WAS THE WORLD'S BEST BALL WASHER!

Par Aide Products Co. • 3565 Hoffman Road East • St. Paul, MN 55110 • 612.779.9851 • FAX:612.779.9854