

New systemic from R&H

Eagle, a new systemic fungicide from Rohm & Haas Co., has been registered for use on turf by the Environmental Protection Agency. Eagle provides protective and curative control of 15 tough turfgrass diseases, including brown patch, dollar spot, summer patch, melting out, red thread and necrotic ring spot. The product is based on the new next-generation demethylation inhibitor (DMI) chemistry that retards fungus reproduction. Eagle contains no solvents, unlike other systemic fungicides that can sometimes injure turf roots and shoots, the company claims. It also does not cause turfgrass to thicken and slow greens. Eagle is designed to control dollar spot for up to 28 days following application, even in hot, humid weather conditions. For more information, contact Rohm & Haas at 215-592-3000.

CIRCLE #306

Merit lowers use rate

Bayer (formerly Miles) has released Merit 75 WSP, a broad-spectrum systemic insecticide designed to be effective against turf and ornamental insects at extremely low use rates. The active ingredient is imidacloprid, which belongs to the new chloronicotinyl class of chemicals. The recommended application rate of 0.3 lbs./acre is 85 to 96 percent lower than currently registered soil insecticides for use on turf, according to company literature. The primary mode of action is post-synaptic blockage of the nicotinic acetylcholine receptor sites of the insect nerve, disrupting overall operation of the insect's nervous system. For more information, call 816-242-2000.

CIRCLE #308

EPA okays Scimitar GC

The U.S. Environmental Protection Agency has registered Scimitar GC, an insecticide specially formulated for use on golf courses and turf. Manufactured by Zeneca Professional Products, Scimitar GC is a unique capsule suspension formulation that locks the active ingredient (a.i.), lambda-cyhalothrin, inside tiny polymer capsules. Unlike traditional suspension concentrate products that actually have particles of a.i. in a thin, water-based suspension, Scimitar GC contains polymer-encased a.i. in a thin, water-based suspension. It provides excellent performance against a broad spectrum of turf pests such as chinch bugs, mole crickets, sod webworms, bluegrass billbugs and fire ants, as well as landscape ornamental pests such as mites and aphids. For more information, contact Zeneca at 302-886-1000.

CIRCLE #310

Ciba weighs in with IGR

Ciba Turf & Ornamental Products has introduced Precision, an insect-growth regulator (IGR) that provides economical control of a number of insects in various settings. Precision controls whiteflies (sweet potato and greenhouse), soft scales, fungus gnats, shore flies and lepidopterous leafminers. It can be used on a variety of plants, landscape ornamentals, container-grown ornamentals and ground covers. As an IGR, Precision controls insects during the juvenile stages. Precision interrupts the normal molting cycles and prevents the insect from advancing to the next stage of development. For more information, contact Ciba at 910-547-1154.

CIRCLE #311

UHS unveils ESN slow-release fertilizer

United Horticultural Supply recently introduced ESN, a slow-release fertilizer that allows the release of nitrogen based on temperature patterns that regulate plant growth.

As temperatures cool and turfgrass growth and demands for nutrients diminish, ESN responds to the drop in temperature by restricting the release of nitrogen. Conversely, as temperatures warm and plant growth is stimulated, ESN increases the release of nitrogen.

ESN's release properties are controlled by an Exxon Corporate Laboratories-developed polymer membrane that surrounds a urea granule. Once applied to turfgrass and exposed to

moisture, the polymer membrane allows water to pass through and dissolve the inner nitrogen granule.

The liquefied nitrogen remains encapsulated within the elastic polymer membrane and will only be released when surrounding temperatures are sufficient for plant growth. A protective water dispersible and abrasion-resistant outer topcoat protects each ESN pearl from damage during blending, transportation and application. ESN is custom-formulated for maximum performance in different climatic zones throughout the U.S. For more information, contact UHS at 800-847-6147.

CIRCLE #307

Aquatrols introduces Primer 604

Aquatrols Corp. of America has introduced a new wetting agent, Primer 604. When used in a soil-water management program, Primer 604 prevents and corrects water repellency in thatch and soils. It also helps establish and maintain a water movement pattern of uniform downward and lateral flow that aids in uniform distribution of water and turf management chemicals throughout the root zone.

Primer reduces water-related problems such as dry spots, wet spots and uneven wetting and keeps tees and greens receptive to uniform water distribution for up to 45 days. For more information, call Aquatrols at 800-257-7797.

CIRCLE #309

PREVENT SUMMER PROBLEMS CAUSED BY WATER REPELLENCY!

UNTREATED

Summer stress conditions can prompt a rapid reduction in turf quality in tees, greens and fairways. By mid-summer, effects of extensive wilt, Localized Dry Spot (LDS) and turf decline are evident on this untreated tee (ladies tee box). Soil cores from symptomatic areas (inset) were powder dry, even after irrigation.



TREATED

Monthly applications of Primer 604 (started in late spring) on the men's tee box (of the same hole), showed superior turf quality. Even under conditions of severe summer stress, no afternoon wilt or LDS was observed. Soil cores from treated tee (inset) were uniformly moist, indicating improved penetration, infiltration and distribution of applied water (rainfall or irrigation).

AQUATROLS
PRIMERTM
Matrix Flow Soil Surfactant



NO WATERING IN REQUIRED • WILL NOT BURN



A STEP BEYOND

Call 1-800-257-7797

for information about Primer, a unique new chemistry that puts an end to summer stress concerns.

AQUATROLS
Making Water Work Efficiently

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CIRCLE #134