Opposing Consideration of the Convention on Bio-Diversity

By Michael Coffman

Mrs. HUTCHISON, Mr. President, on August 5, 35 Senators signed a letter to the majority leader regarding consideration by the Senate of the Convention on BioDiversity. The letter requested that the Senate delay consideration of the treaty until our concerns were addressed. These concerns remain, but it appears that the majority leader intends to bring up the treaty before adjournment.

Under the treaty, a conference of parties will meet after the treaty is in force to negotiate the details of the treaty. We need to know how the Senate, in fulfilling its constitutional responsibilities to concur in treaties, can review the provisions of a treaty that will not be written until the meeting of the conference of parties. As Senators HELMS, PRESSLER and COVERDELL stated in the committee report on this BioDiversity Treaty.

The financing mechanism, the degree to which intellectual property is protected, the definitions of developed and developing states, the voting weights and procedures for member states: all of these and other important matters are left undecided.

Moreover, the convention and resolution of ratification do not require that protocols or amendments developed by the conference of the parties that are signed by the President be submitted to the Senate for ratification. Protocols are being drafted for the November conference that we have not had a chance to review and will not have the opportunity to approve. We are sworn to uphold the Constitution. We cannot delegate that duty with a blank check to an international body, or to the President.

We need to know why the treaty prohibits countries from making reservations from agreeing to any of its provisions. Because the treaty is not subject to reservation, any congressional or executive statements saying we do not agree to be bound by a provision of the treaty will be ineffective after the treaty is in force. We will instead be bound by the conference's interpretation of the treaty.

I am especially concerned about the effect of the treaty on private property rights in my State and throughout America. Private property is constitutionally protected, yet one of the draft protocols to this treaty proposes "an increase in the area and connectivity of habitat." It envisions buffer zones and corridors connecting habitat areas where human use will be severely limited. Are we going to agree to a treaty that will require the U.S. Government to condemn property for wildlife highways? Are we planning to pay for this property? One group, the Maine Conservation Rights Institute, has prepared maps of what this would mean. I do not know if they are accurate yet, but that is my point. Neither do the proponents of this treaty.

Article 10 of the treaty states that we must "protect and encourage customary use of biological resources that are compatible with conservation or sustainable use requirements" — as set by the treaty. Whether our ranchers could continue to use public and private land for grazing could depend not just on the Secretary of the Interior's latest grazing rulemaking, but on whether grazing is considered a compatible use for conservation under the treaty. This bio-diversity treaty could preempt the decisions of local, State, and Federal lawmakers for use of our natural resources. The details that are left for negotiation could subject every wetlands permit, building permit, waste disposal permit, and incidental taking permit to international review.

We would be subjecting property owners to international review, which would be yet another step in the already egregious bureaucratic processes, just to have the very basic permits necessary for the use of their own private property.

I believe that arguments that the treaty should have been approved by August 30, 1994, in order to have a vote at the conference of parties in November 1994 are without merit. The administration is fully aware of the Senate's authority to approve treaties and the time necessary for approval. The administration would have left more time for consideration by the full Senate.

Here we are, in the last 10 days of the scheduled session, and we are being asked to consider a very important international treaty that is not very well known, and the consequences of which are even less well known.

I am well aware of some Senators' concerns about approving the treaty before the November conferences of parties so that we can be a participant. But we will qualify as an observer to the negotiations. The United States would be the largest donor to the Global Environmental Facility — the proposed financing mechanism — and certainly can expect the parties to pay close attention to our suggestions if they want us to contribute money.

Mr. President, I think the responsible approach here would be to let the November conference of parties come together before we have passed this treaty. Let us review what other parties propose at the negotiations. I think it would be better to pass the treaty later, after we know the details.

I do not feel comfortable, Mr. President, giving a blank check, passing a treaty which is a very important constitutional responsibility of this Senate, before we have fully negotiated the treaty and know what will be in it.

I think it is very, very important (Continued on Page 27)
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PART II

Turfgrass Nitrogen Sources

By Donald V. Waddington
Department of Agronomy
The Pennsylvania State University

(Editor’s Note: The following article was downloaded and adapted from PENpages Internet file at Penn State University — College of Agricultural Sciences. Those of you who can access this database would find many useful turf and horticultural articles available. Thanks go to Bob Mugaas at the Minnesota Extension Service for collecting this information. Because of the length of this article, Hole Notes is presenting it in two parts. This is the second half of the article.)

IBDU: IBDU is made by reacting isobutyraldehyde and urea. It contains 31% N, with 90% of the total N being water insoluble in the coarse (0.7 to 2.5 mm) product and 85% being water insoluble in the fine (0.5 to 1.0 mm) product. Release is slow due to low solubility, but once in solution, IBDU is hydrolyzed and releases available nitrogen. Particle size has a large effect on release of N, with smaller particles releasing more quickly. Release also increases with increased soil water content. Release is also affected to some extent by temperature and pH. Hydrolysis is faster under acidic conditions. The rate of release also increases with temperature, but low temperature does not affect IBDU as much as it does those sources dependent on microbial activity for release.

We have observed a 3 to 4 week delay before obtaining response from IBDU applications on Kentucky bluegrass, but not after applications to an aerated and topdressed green. Probably the close contact with wet soil and more liberal irrigation practices enhanced release on the putting green. If the delay in response is considered objectionable, a soluble N source can be used to supplement the IBDU.

We have observed early spring greening with IBDU, and N recovery from IBDU exceeded that from ureaform during the initial years of use. We have obtained a quicker response and greater N recovery from fine than coarse IBDU, which has a greater residual effect.

Sulfur-coated urea: Sulfur-coated urea (SCU) is made by spraying preheated urea prills or granules with molten sulfur. A sealant, such as wax, a mixture of oil and polyethylene, or a polymer, is usually applied to seal pores and imperfections in the sulfur coating. Nitrogen content is usually in the range of 32 to 39% and is dependent on coating thickness (weight). Increasing the thickness decreases the nitrogen content. Smaller particles of urea have a greater surface area than larger particles; thus more sulfur is needed to obtain a given coating thickness on finer particles. This increased sulfur requirement decreases the percent nitrogen in the final product. Nitrogen is released from SCU by degradation of the coating and/or diffusion of soluble nitrogen through pores in the coating. Release rate increases as coating thickness decreases and as temperature increases. The formation of ferrous sulfide on SCI under waterlogged conditions slows release of N. As with the plastic-coated materials, breakage of the coating increases release. The 7-day dissolution rate in water (laboratory determination) is commonly used to characterize different formulations of SCI. Most commercial products for turf have dissolution rates within the range of 25 to 35%. These values can be used to roughly estimate the amount of N that will be readily available. The remainder will have some degree of slow release. A much wider range of dissolution rates has been used in experimental SCI. We found a product with an 11% dissolution rate to be somewhat slow for three years under our conditions, but it was quite satisfactory in tests conducted in the warmer climate of Alabama. Another experimental SCI had a dissolution rate of 83% and gave results similar to those obtained from soluble sources. Although this material was a SCI, it could hardly be called slow-release. It would, however, offer less potential for fertilizer burn than straight urea.

Particles within an SCI product are not identical. If they were, one might expect all of them to release N at the same time. Quickest release occurs from imperfectly coated particles; particles in which sealant has covered imperfections release N at an intermediate rate, and the greatest delay in release occurs with thicker coated and more perfectly coated particles having no imperfections. The second class of particles is not present in SCI products manufactured without a sealant. Once release begins from a given particle, it is quite rapid. Thus, the slow-release property of SCI comes from the variability in coatings among the individual particles.

SCI has given good response from two applications per year on Kentucky bluegrass turf, and N recovery has equaled that of soluble N sources. Combinations of SCI and soluble N sources did not give improvement over the performance of SCI alone. The SREF SCI product of Scotts had a higher dissolution rate (65%) than most SCI that we have evaluated. Greater initial response and less residual occurred with this product. Scotts has recently replaced SREF with polymer coated SCI products (POLY-S), which have much better slow-release characteristics that the SREF SCI. Some of the finer SCI materials are suggested for use on putting greens. Breakage could be a problem under these conditions. As much as 20% of applied SCI

(Continued on Page 31)
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Conference Schedule —
(Continued from Page 25)

Friday, December 8, 1995 (continued)

Concurrent Session I — Golf Course Construction in Minnesota (& Asia)
John Malloy, CGCS, Bear Path
John Betchuars, Golf Course Superintendent, Creeks Bend
Paul Mayes, CGCS, Japan
10:20-10:50 a.m. Constructing A Jack Nicklaus Signature Golf Course — Malloy
10:55-11:25 a.m. Constructing a Daily Fee Golf Course — Betchuars
11:30-12:00 p.m. Construction on Both Sides of the Pacific — Mayes

Concurrent Session II — Laws In Our Workplace
Ellen Longfellow, League of Minnesota Cities Insurance Trust
Dave Volker, Berkley Administrators
10:20-10:50 a.m. Establishing. Contracts — Longfellow
10:55-11:25 a.m. Employee Data Practices — Longfellow
11:30-12:00 p.m. Current Right to Know/Hazard Communications — Volker

Concurrent Session III — Public Relations In The Green Industry
Francie Dalton, Dalton Alliance Corp, Washington D.C.
Deb Brown, University of Minnesota
10:20-10:50 a.m. How To Handle Complaints — Dalton
10:55-11:25 a.m. The Public Perception of Our Industries — Brown
11:30-12:00 p.m. Public Speaking Tips For Technical People — Dalton

Concurrent Session IV — Weather and Our Jobs
Amy Rolando, Weather Watch, Inc
10:20-10:50 a.m. From the Weather Channel to Local Radio & TV: Why Forecasts Never Seem to Agree
10:55-11:25 a.m. Don't be SAD: How Weather Can Affect Moods
11:30-12:00 p.m. Lightning DOES Strike Twice: Safety and Prevention of Fatalities and Injuries

Concurrent Session V — Athletic Fields
Dr. David Minner, Iowa State University
10:20-10:50 a.m. Pitcher’s Mound Construction (handouts available)
10:55-11:25 a.m. The Argument for Athletic Field Aeration
11:30-12:00 p.m. Liability Concerns of the Community

Concurrent Session VI — Hardscape Construction
Al Palmer, Asphalt Institute
Ken Johnson, Wheeler Construction, Shakopee
10:20-10:50 a.m. Asphalt Maintenance — Palmer
10:55-11:25 a.m. Why Would Retaining Walls Fail — Johnson
11:30-12:00 p.m. Specification for Asphalt Construction — Palmer

Hutchison —
(Continued from Page 21)

that we wait and get more information. We can ratify the treaty later. The important thing, Mr. President, is that we do not pass something that will bind this Congress and our Nation when we do not have enough information about what is going to be in the treaty.

We cannot approve a treaty on someone else’s timetable. Unless we are given adequate time to fully debate the treaty and make reservations and understandings as are absolutely necessary, we should not act. We should have full and open debate on these issues. We should not rush this treaty at the last moment before the end of Congress.

Several of my colleagues and I have statements for the RECORD in opposition to consideration of the treaty at this time, and about the concerns that we would like to have addressed before or during the November meeting. The five of us, and many others of our colleagues, will oppose a motion of proceed to consideration of the treaty.

(Two more pages of record were entered by Senators Burns (MT), Craig (ID), Helms (NC), Nickles (OK) and Wallop (WY). These statements are excellent, but exceed the intent of this reproduction. Please contact individual Senators for copies.)
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Below is a schedule of the remaining 1995 air dates and times for GCSAA’s television show Par for the Course.
Sun., Nov. 5 ........................................7:30 a.m.
Fri., Nov. 10 ........................................2:30 p.m.
Sun., Nov. 19 ........................................7:30 a.m.
Sun., Nov. 26 ........................................7:30 a.m.
Sun., Dec. 3 ........................................7:30 a.m.
Sun., Dec. 10 .......................................7:30 a.m.
Sun., Dec. 17 .......................................7:30 a.m.

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