

Global Soil Survey for Sustainable Turf



FOR SUSTAINABLE TURF

SIGN UP FORM

To sign up online:

Visit the Global Soil Survey webpage at: www.paceturf.org/journal/global_soil_survey

To sign up by mail:

Please print out and complete the form below, and mail with check or credit card information to:

PACE Turf
1267 Diamond St.
San Diego, CA 92109 USA

Global soil survey kits are \$250.00 (U.S.) each (you may order one or more kits below), and contain all instructions and shipping materials needed for submission of 3 soil samples. See reverse side for a full description of the contents of the kit, and the benefits of participating in the Global Soil Survey

Name: _____
Golf Course/Company: _____
Street Address: _____
City: _____ State: _____ Zipcode: _____ Country: _____
Phone: _____ Email: _____

If paying by credit card, please also fill out the information below:

Check one: Visa MasterCard AmEx
Total number of kits _____ X \$250.00 Price/kit = Total enclosed \$ _____
Credit card number _____
Expiration date ____/____ CVV2 security code _____
Name on card _____
Billing address _____

City _____ State _____
Zipcode _____ Country _____

PACE TURF

1267 Diamond St., San Diego, CA 92109 USA
858-272-9897 www.paceturf.org
pace@paceturf.org



ASIAN **TURFGRASS** CENTER
Room 115, 97 Serithai Rd., Kwang Kannayao,
Khet Kannayao, Bangkok 10230 Thailand
www.asianturfgrass.com info@asianturfgrass.com

Global Soil Survey for Sustainable Turf



WHAT YOU WILL RECEIVE

Each participant in the Global Soil Survey will receive:

1. A Global Soil Survey Kit that includes:
 - Sampling and shipping instructions
 - 3 soil sample bags
 - Box for shipment of samples to Brookside Laboratories
2. An individualized report that assesses current soil nutritional conditions at each of the 3 sampling areas from your location will be emailed in a printable format. The report contains these components:
 - **Analytical results** for 21 chemical measurements, including major and minor nutrients*. by Brookside Laboratories (New Bremen, OH) and the data evaluated by Dr. Micah Woods of The Asian Turfgrass Center and Dr. Larry Stowell of PACE Turf . All data will be presented using both metric and U.S. units.
 - **Recommendations:** The report will also quantify any nutrient deficits or excesses, and will provide recommendations on how to correct them.
 - **Documenting progress towards sustainability:** The report will also calculate a sustainability index for each major nutrient at each of the three sampling sites. This numerical rating will document how close each soil nutrient is to the minimum identified in the MLSN guidelines, and how much lower that level can go before it reaches the minimum threshold. The sustainability index provides a great snapshot of the current condition of the soil, in terms of meeting minimal guidelines. But even more importantly, it sets a clearly defined benchmark against which you can track and quantify your progress towards sustainability over time.
 - **Tools for implementing sustainable practices:** While everyone wants their facility to reduce inputs, be more environmentally sensitive and generally more sustainable, it's not always clear how to approach these goals in a safe and responsible manner. Your personalized report will provide clear, science-based guidance on deficits, excesses and fertilizer requirements that will allow you to sensibly reduce inputs, without sacrificing turf quality or playability.
3. Recognition of the leadership that you and your facility have taken in being responsible environmental stewards and more cost effective managers. By contributing your data to development of new, more sustainable soil nutritional guidelines, you will help turf managers throughout the industry, as well as your own facility.
4. The rewards of being a citizen scientist: It will be both rewarding and fun to join with your colleagues from around the globe, and jointly contribute to the common goal of increased sustainability through good science! Camaraderie, a sense of purpose and fun have been hallmarks of other citizen science projects, and we hope to duplicate the same spirit in the Global Soil Survey.

*pH, S, Ca, Mg, K, Na, P (Mehlich 3, Bray and Olsen), PSI, Nitrate-N, Ammonium-N, Total N, EC, B, Fe, Mn, Cu, Zn, Al, Cl