



DEPARTMENT OF
Soil Science

UNIVERSITY OF WISCONSIN-MADISON

Golf Course Resource Efficiency Survey

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The [Golf Course Resource Efficiency Survey](#) attempts to quantify resource (water, energy, fertilizer, and pesticide) use on golf courses primarily in the US and Europe.

The main goal of the study is to compare resource use levels on golf courses in different locations around the world. Other goals of the study are to determine: 1) the environmental and economic variables that impact resource use the most, and 2) which management practices may be most effective to increase resource use efficiency.

It is important to understand that this survey will take between 1 to 2 hours. The time commitment primarily depends on how organized and available your resource use records are. The reason for the survey length is that it asks a variety of detailed questions about water, energy, fertilizer, and pesticide use. **However, the survey is completely confidential, and any reports derived from the survey will be entirely anonymized.**

Please make sure to have these records on hand to take the survey:

- Water use (applied to the golf course as irrigation in 2016, 2017, and 2018)
- Pesticide use (preferably electronic application records in 2016, 2017, and 2018)
- Fertilizer use (records for 2016, 2017, and 2018 OR average N, P, K rates by component)
- Fuel use (diesel and gasoline used in 2016, 2017, and 2018)
- Sand use (bunker sand and topdressing in 2016, 2017, and 2018)

There are many benefits to completing the survey:

- \$50-\$100 Amazon Gift Card depending on how much of the survey is completed. \$100 will be awarded for complete surveys.
- Optional resource use benchmarking report: *Resource use at your golf course will be anonymously compared to other golf courses in your region of the US.*
 - Carbon footprint analysis- carbon emissions and turfgrass sequestration from your golf course maintenance operation (for a full carbon footprint, please fill in Option 2 in the Energy Data section).
 - Pesticide risk analysis- the environmental risk of the pesticides applied
 - Water use- total volume of water and depth of water applied
 - Nutrient use- nitrogen, phosphorus and potassium application rates

The survey is available today and can be taken until the end of March. Your Amazon Gift Card will be sent within a week of completing the survey. If you select to receive the resource use benchmarking report, that will be available by the end of 2021.

So please take the survey today! ([Survey Link](#)) Or paste this link into your web browser:
https://uwmadison.col.qualtrics.com/jfe/form/SV_eX9MMWKDYfndtj

Sincerely,
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