

2026



PGCMC

**PHILIPPINE GOLF COURSE
MANAGEMENT CONFERENCE**





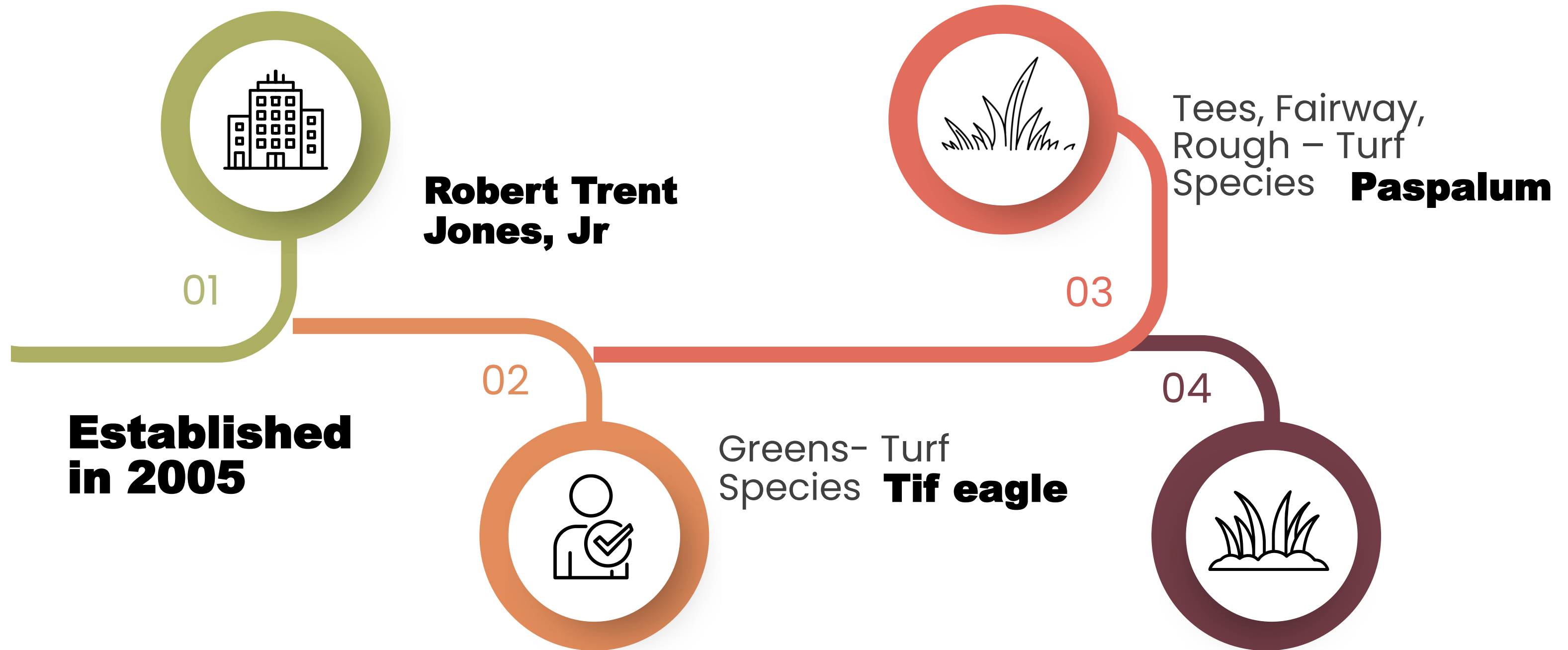
Sustainable Turf: Preserving the Greens and Adopting Local Bermuda at Ayala Greenfield Golf and Leisure Club

Philippine Golf Course Management Conference 2026

May 14-15, 2026

Presenter: Beverly A. Teves

HISTORY :



OVERVIEW

1. Addressing the Challenges

1.1 Bare Area Formation and Fungal Disease Susceptibility on Putting Greens

1.2 Contamination on Greens

2. Converting 100% Carabao Fairway to Thriving Local Bermuda

2.1 Re-grassing

2.2 Herbicide Program

Why do bare areas and diseases Occur?

1. Shaded
2. Water Management



Fig 1. Sample of Weak Greens and Fungal Diseases

Table 1.1: Soil Moisture Capacity Percentage of Greens

TIME	% OF Moisture	Observations
5 am after Watering	99% Field Capacity	
1 hour	99%	<i>No sign of wilting</i>
4 hours	96.8%	<i>No sign of wilting</i>
7 hours	95%	<i>No sign of wilting</i>
11 hours	88%	<i>Purplish color are being seen on the mounds and sloppy area- light Hand watering are being introduced</i>
48 hours	62%	<i>the greens with hot spots are being hand-watered</i>

Note: This table shows that at 62% moisture that's the time we irrigate the Greens.



**Green at 99%
soil moisture**





**Green at 99%
soil moisture**

**Green at
62% soil
moisture**



Root Development



Fig.2 Greens



Fig.3 Tees



Fig.4 Fairway

Essential Maintenance Activities That Must Not Be Overlooked



Essential Maintenance Activities That Must Not Be Overlooked

DAILY SCOUTING and WEEDING



Essential Maintenance Activities That Must Not Be Overlooked

PLUGGING AND SODDING



Essential Maintenance Activities That Must Not Be Overlooked

EDGING



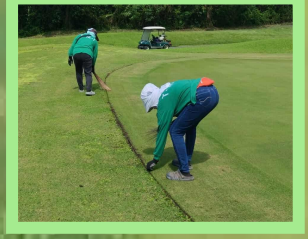
Essential Maintenance Activities That Must Not Be Overlooked

APPLICATION of SOIL WETTING AGENT and PLANT GROWTH REGULATOR



Essential Maintenance Activities That Must Not Be Overlooked

FERTILIZER APPLICATION



2. Converting 100% Carabao Fairway to Thriving Local Bermuda

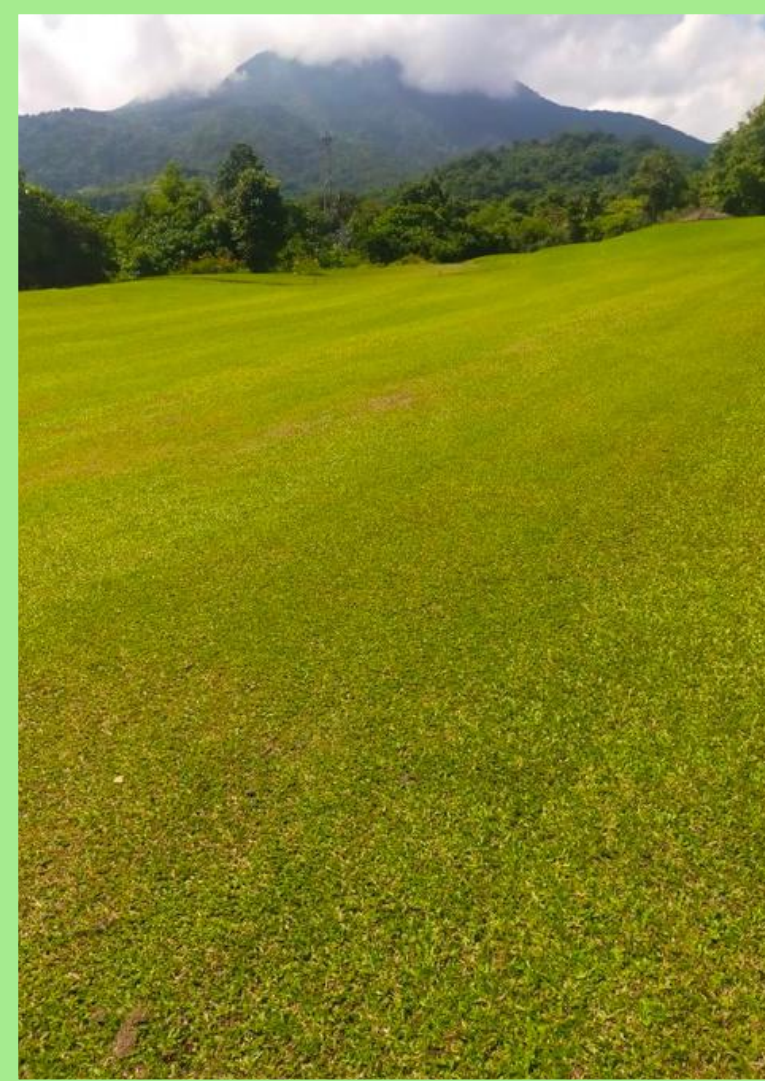
2.1. How we manage the Herbicide Program

2.2. Phases of the Transition Program

100% Carabao Grass Coverage on Fairway



Phase A- Verticutting Activity





Phase B- Herbicide Application

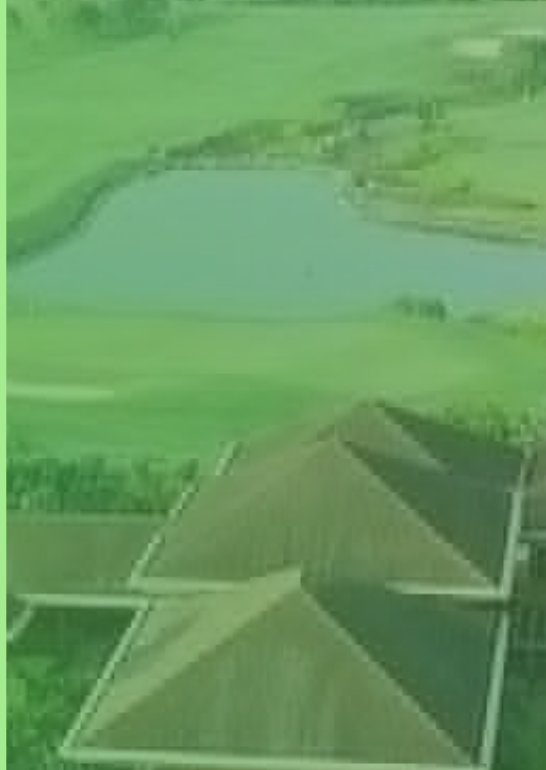


Phase C- Fertilizer Application



Phase D- Cultural Activity







Results





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Thank You!