

Maintenance Report

July 22

From the agronomic management of La Marquesa Golf, the actions carried out in the maintenance area of La Marquesa Golf are described below.

In the month of July, the increase in temperatures was noticeable, causing the typical problems of this time of year, quickly affecting the plant with hydric and climatological stress, at the same time causing an increase in algae in the irrigation waters that they are deposited in the irrigation pond, reaching these remains of algae to the irrigation water with the risk of clogging the sprinkles and thus imperfect irrigation.

The course has suffered in recent days and from hyperchlorination to control Legionella, problems of clogging of sprinklers and pipes due to the accumulation of remains of algae and microorganisms. This has resulted, in addition to the increase in sprinkler cleaning work, in a loss of uniformity in the field with dry greens and rapid loss of ryegrass in some areas where we tried to progressively colonize with Kikuyu.

GREENES

On the greens, in addition to the appearance of dry patches, pressure problems and sprinkler clogging have caused an explosion of dollar spots, especially in the weakest ones. With the passing of days and after the cleaning work, these problems have been mitigated, with plugged or malfunctioning emitters being less frequent and the course progressively recovering, also reducing the Dollar on the greens thanks also to the application of fungicide.

After the problems described, the planning of cultural work on the greens continues rightly because, although we have dry problems for the summer season, the most important thing is the grass is health so the plant recover quickly.

Two micro-tinning have been made to improve infiltration in this part of the year, where the plant needs more continuous watering, while applying humectant to distribute the humidity more evenly on the surface of the Green.

Likewise, a daily monitoring of the greens has been carried out, applying a refreshment irrigation in those that needed it.

In addition, an irrigation check has been carried out that has served to see irrigation failures in some greens, such as 18 or hole 2. Here the assignment of sprinklers according to their position is not well done, so the irrigation was not being uniform.

Finally, manual take of weeding is being carried out on the greens, tedious but essential job to prevent its spread.

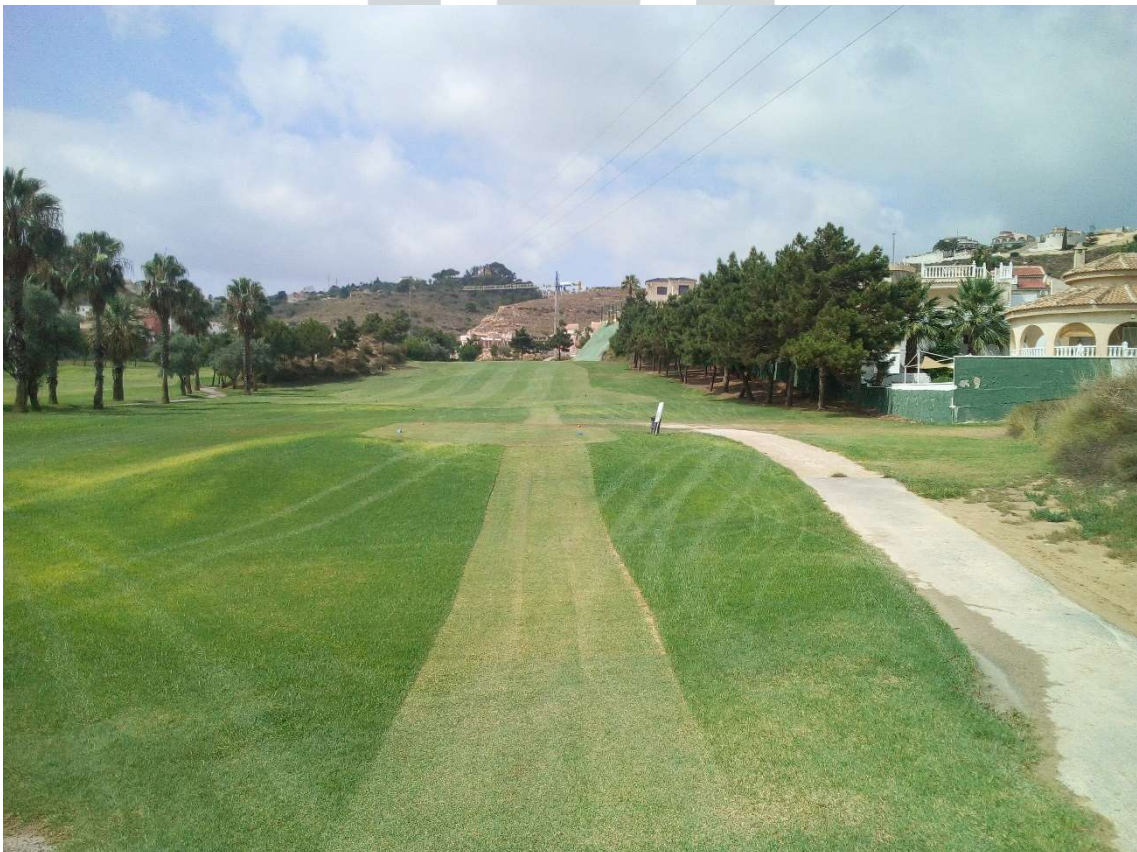


Green 2 where we can see irrigation problems

FAIRWAYS AND TEES

The general condition of the surfaces of the fairways and tees continue to be correct, the work of vertical mowing and cracking on the surfaces is being noticed, thus improving the infiltration of irrigation and accelerating the vegetation cover on the entire playing surface.

The weakest vegetative areas are being primed with a mixture of sand with granulated fertilizer and bermuda grass seed to achieve total coverage.



BUNKERS AND ROUGH

In the bunkers, maintenance in summer is continuous with daily raking to avoid compact of the sand and at the same time erasing traces and daily external damage.

While the edges and slopes of the bunkers continue to be outlined and mowed, since the growth habit of *Pennisetum clandestinum* in summer is excessive.

The rough continues with a main task that is continuous and daily mowing at 30 millimeters. If only one day without this continuous cutting of the grass, can make this task very difficult later and it remains scalped and with a bad visual appearance.

At the end of the month we have outlined new areas of practical landscaping or hard lines, seeking to obtain greater visibility. New ones have been made on the 8th fairway, two on the 7th fairway, another on the 6th and 14th tees.

Some of these areas will be filled with grinding, pruning remains, thus contributing to a sustainable economy and taking advantage of our own resources in a circular and environmental economy.

OTHER WORKS

The improvement work in this month of July has focused mainly on the maintenance and care of the trees planted in these previous months, watering all the specimens for their better adaptation to their new way of life. Drip irrigation is also being placed on specimens where irrigation is more insufficient.

Likewise, a grass growth regulator has been applied to different parts of the course to achieve a better unification of playing surfaces where there are different types of grass.

We have continued with the clearing of banks, the marks of the tees and the surroundings of sprinklers so as not to hinder irrigation.

A treatment has been applied for the Rosquilla (*Spodoptera littoralis*)

The entire field has been treated to prevent legionellosis.

Also this month a new and better access to the sawgrass tee has been made, making an access with a wooden ladder.

The driving range distance signs have also been replaced with more visual vinyl ones.


The most important incidents this month have been sprinkler problems and the breakage of the greens roller, which have been corrected.



We hope the course will have a good summer and we are only concerned about irrigation dry paths due to lack of water or incidents, which are what can be seen today, but the most important thing is that the grass is healthy. The dry areas that can be seen on certain greens or fairways are for that reason and recovery is easy as long as irrigation is applied consistently and temperatures help recovery.

Best regards and I hope you enjoy a good August of golf!

Juan José Rodríguez García
Head Greenkeeper



Guillermo Navarro
Director General
La Marquesa Golf