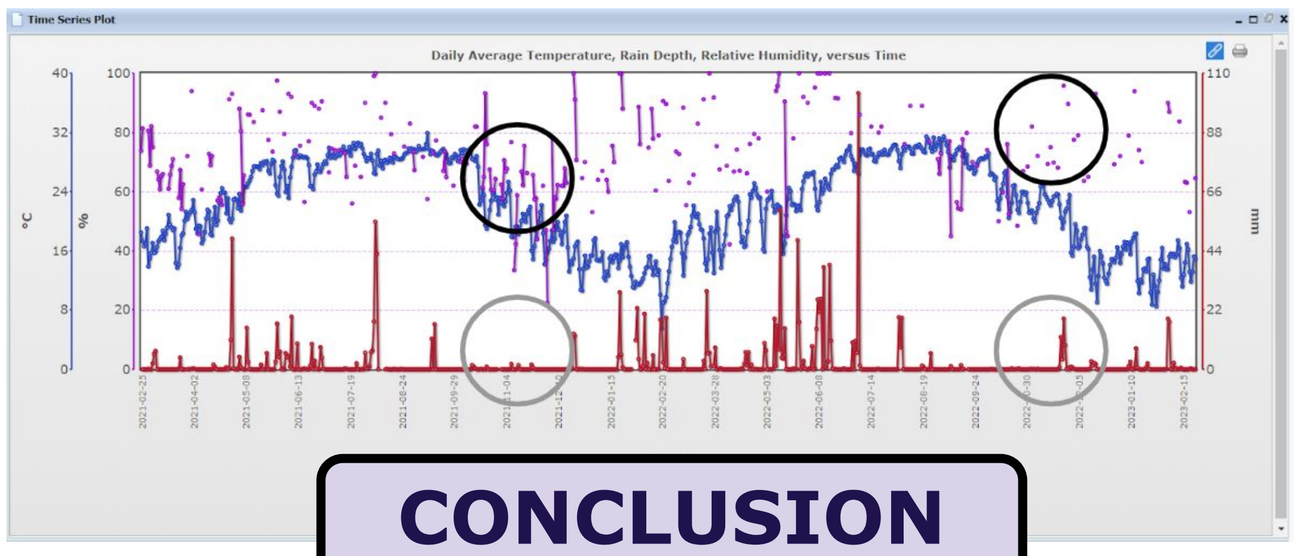
EFFECTS OF SUNLIGHT

As can be seen from the above figure, although the grass grows well overall, it is found that some of the grass in the shadow area is relatively poor.

EFFECTS OF RAINFALL AND HUMIDITY

Based on the data shown in the figure Below, we can observe that in 2021, winter rainfall was low and humidity was also low. In contrast, in 2022, winter rainfall was higher, and humidity increased as well. Despite no noticeable changes in temperature and sunlight, we can infer that rainfall and humidity have a significant impact on turf growth.



RESEARCH ON THE RELATIONSHIP BETWEEN SUNLIGHT EXPOSURE & TURF GROWTH

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CONCLUSION

In 2021, winter rainfall and humidity were both low, whereas in 2022, there was an increase in winter rainfall and higher humidity levels. Although no significant temperature changes were noted, it is reasonable to infer that rainfall and humidity have a notable impact on turf growth. The turf flourishes during rainy periods, while struggling to grow in the absence of sufficient precipitation, often appearing dry. However, even under optimal growing conditions, turf growth can be inhibited in shaded areas, as observed during the winter of 2022.