



ATHLETIC FIELD USAGE ANALYSIS

Why an Athletic Field Usage Analysis is important:

The very best athletic fields are achieved by properly managing the amount of play and the maintenance necessary to support it.

By performing an Athletic Field Usage Analysis, you will be able to accurately identify the amount of play your fields can support and the management practices needed to sustain them. This allows for more efficient scheduling, increased field availability, and better performing fields for your community.

How Tom Irwin Advisors will help:

Our team collaborates with you to understand how your field was constructed, how it is maintained, and the impact of usage upon it.

The data we collect is entered into our proprietary Usage Calculator, which then generates a Usage Value. After we have calculated your current Usage Value, our team can adjust certain criteria to pinpoint how specific factors are impacting your fields' usage capacity. We then help you identify the changes necessary to sustain your desired amount of play.

What we do for you during an Athletic Field Usage Analysis:

Our Athletic Field Usage Analysis measures more than just hours of play. We incorporate the following factors which are critical to maximizing your field's usage capacity:

- **Design Elements** – Field design including construction, field size, drainage, irrigation, grass types, and gradients.

- **Growing Conditions** – Elements such as temperature, solar radiation, moisture, water deficit, and soil types.
- **Time and Intensity of Play** – The duration of games and practices, number and age of athletes, and sport-specific impacts.
- **Maintenance Program** – The type and frequency of field maintenance including mowing, cultural practices, nutritional inputs, and control inputs.
- **Field Management Policies** – Field use policies, administrative policies, and scheduling of activities.

Once we have collected the information above, we determine your field's:

- **Design Capacity** – The Design Capacity value represents the potential usage capacity of your field.
- **Current Capacity** – The Current Capacity value quantifies how much play your field can sustain under current usage demands and management practices.

At the end of the process you will receive your **Athletic Field Usage Analysis Report:**

This presents our findings and provides recommendations that help you optimize your field management practices and support your community's recreational needs.