

Turf GvX: growth versus expected

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The **Turf GvX** is the actual growth of the grass compared to the expected growth of the grass.



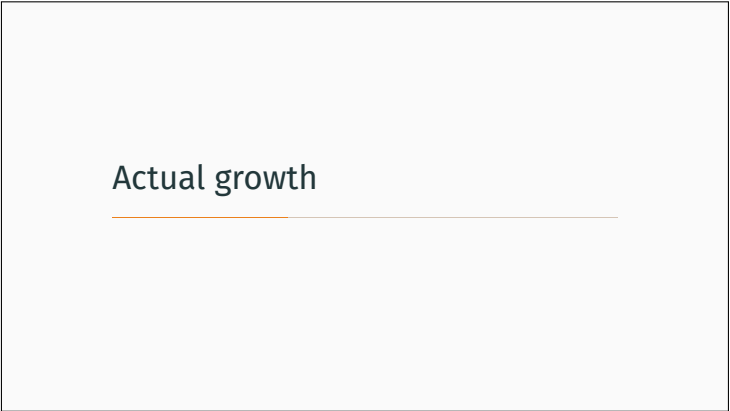
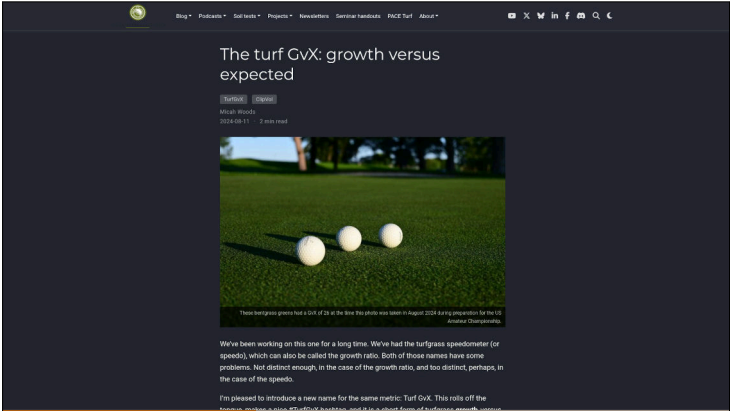
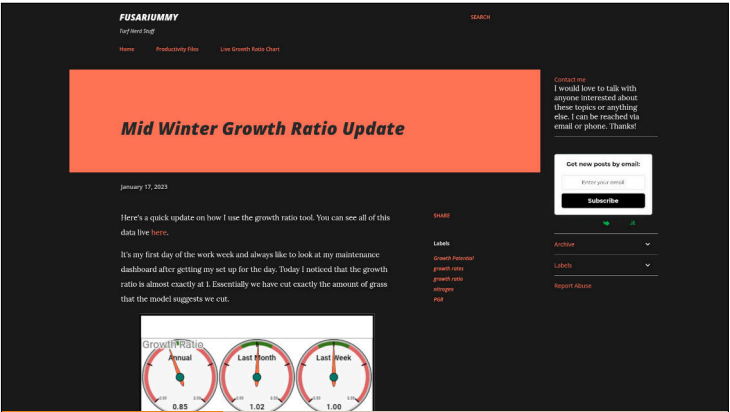
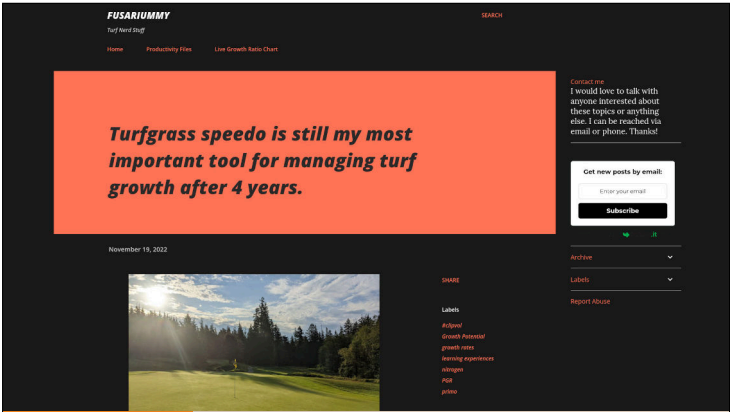
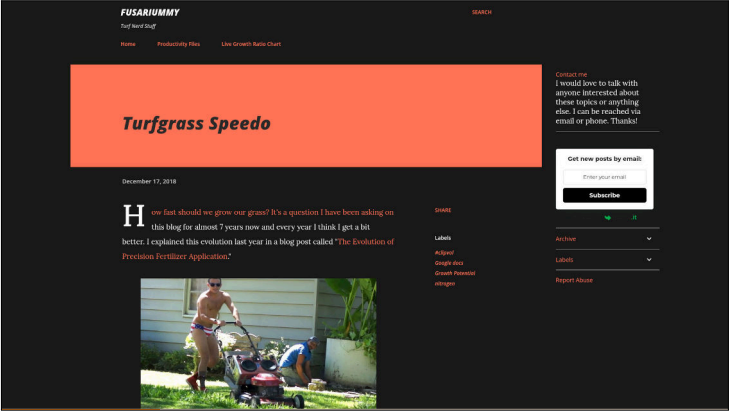
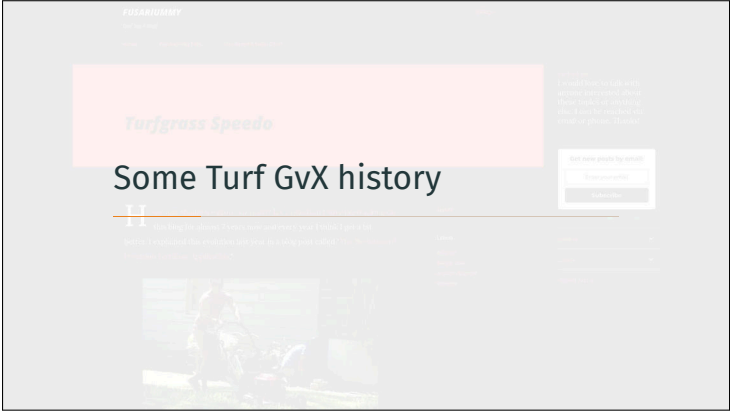
Use the GvX for ...

- adjusting N fertilizer
- adjusting plant growth regulators

Results may include ...

- Improved playing conditions
- Fewer inputs (N, sand, mowing)

A screenshot of a blog post titled "What should my ClipVol be?". The title is circled in yellow. The post is by Micah Woods, dated 1/23/23, and is 2 min read. The content discusses the importance of clipping volume for turfgrass health and provides advice on how to determine the right clipping volume for a specific site. The post is part of a series on turfgrass management, with links to other articles like "Turf GvX", "ClipVol", and "growth potential".

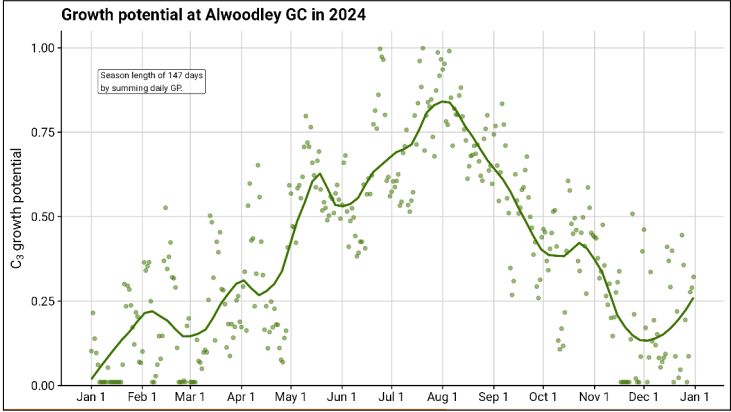
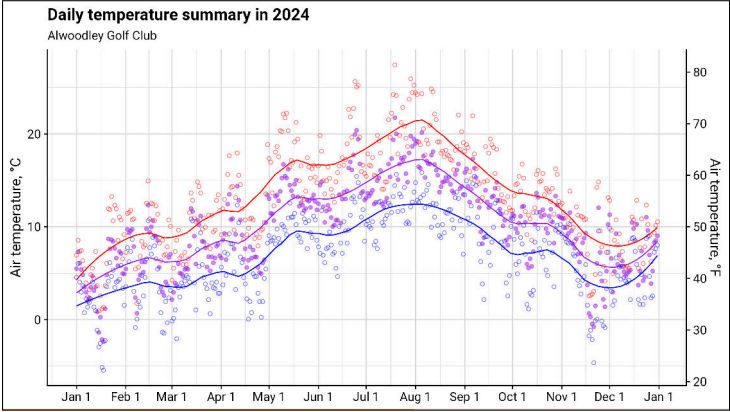




The standard units for clipping volume
(ClipVol) are mL/m^2 or $\text{L}/1000 \text{ m}^2$.

Expected growth



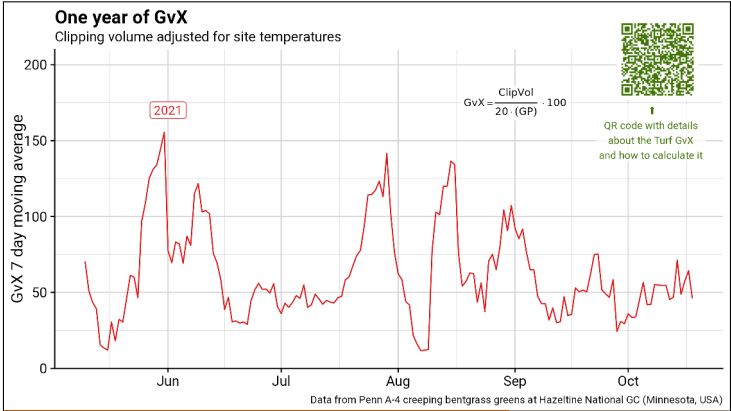


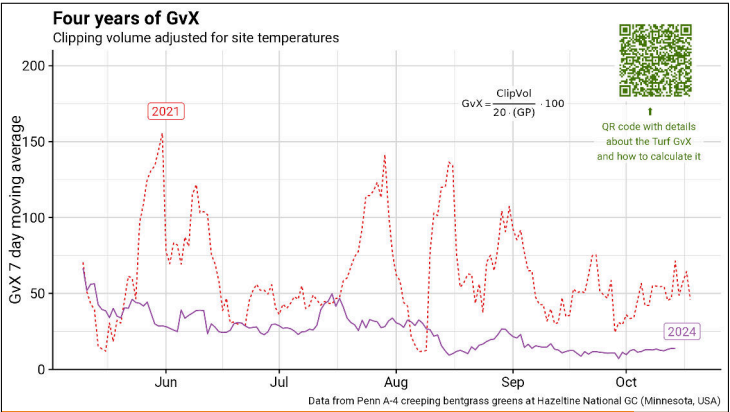
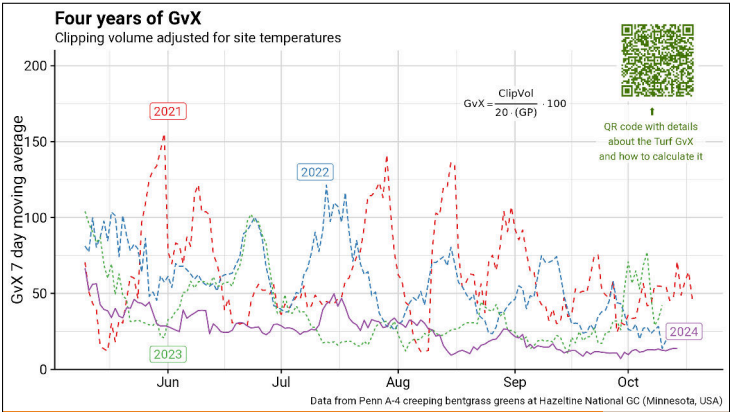
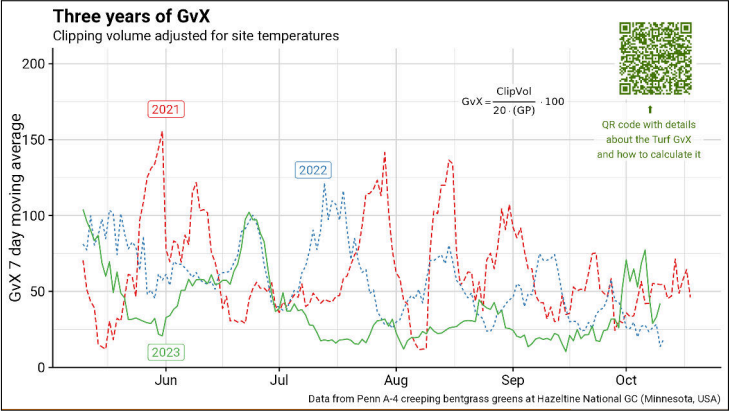
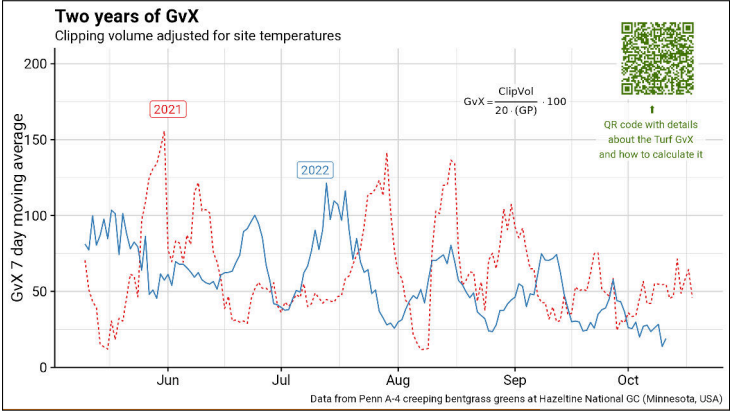
Calculating the GvX

$$GvX = \frac{ClipVol_{14}}{20 \times GP_{14}} \times 100$$

where $ClipVol_{14}$ is the 14 day average of clipping volume and GP_{14} is the 14 day growth potential average.

Using the GvX





Online handout with slides & more info



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