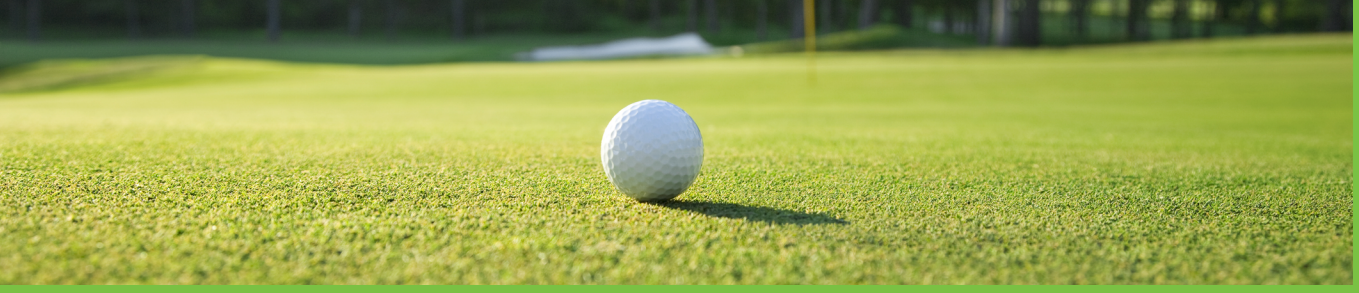

Getting the Most out of Primo Maxx

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As we approach nearly 30 years after the introduction of **Primo Maxx® Plant Growth Regulator** into the turf market, it's still important to review the basic guidelines for Primo Maxx applications. Primo Maxx remains the most popular PGR for use on turfgrasses. It's the only PGR developed specifically for use on turfgrasses and provides growth regulation and plant safety across all turf species.

WATER QUALITY

Primo Maxx is stable and effective in a broad range of water conditions and is not substantially affected by water hardness. However, water hardness may affect the stability of the Primo Maxx formulation when tank mixed with multiple fertilizer components resulting in high salt levels. (See tank mix recommendations below). The active ingredient is stable in water with pH ranging from 5 to 8, but optimal plant absorption occurs when applied in neutral to slightly acidic water. Measure the pH of spray water and any new tank-mix combinations and, if necessary, buffer pH to 6 to 7 for best results with Primo Maxx.

TANK MIX PARTNER

Primo Maxx is compatible with a broad range of commonly used turf products, including fertilizers and plant protectants. However, avoid mixtures with post emergence herbicides that may cause foliar discoloration as adding Primo Maxx to the mix may increase level of discoloration. Applications can be separated by 5 to 7 days. Primo Maxx should be allowed to dry on the foliage for best results, so it is not advised to tank-mix with products that require immediate irrigation. Before applying any new tank-mix combination, read all product labels carefully and perform a jar test to confirm physical compatibility. Tank mixtures with **Trimmit® 2SC Plant Growth Regulator** can increase the intensity and residual of regulation on certain applications.

SCAN THE CODE
for recommendations on mixing Primo with Trimmit 2SC

Primo Maxx®

Trimmit® 2SC
Plant growth regulator

RECOMMENDATIONS TO MINIMIZE BRONZING OR DISCOLORATION

Applications of Primo Maxx can cause turf discoloration under some conditions, particularly with the first application of the season or on sensitive species like ultra-dwarf bermudagrass. To mitigate the risk of bronzing, Primo Maxx can be tank-mixed with iron or nitrogen fertilizer as recommended on the product label. Iron sulfate or chelated iron sources help to prevent bronzing without negatively impacting product performance or make the first application at 2/3 to 1/2 of the desired rate and increase the rate with subsequent applications.

SPRAY VOLUME

Primo Maxx performs well in spray volumes ranging from 20 to 80 gallons of water per acre, with 40 gallons the most common fairway rate and 80 gallon per acre more common on greens. The active ingredient is absorbed by above-ground tissues, including crowns, leaf sheath, and leaf tissue. It is a common misconception that absorption only occurs through leaf tissue. In fact, absorption by the crown and leaf sheaths is more rapid and efficient than leaf tissue absorption.

NOZZLE SELECTION

Proper nozzle selection is perhaps a more important consideration than spray volume. Coverage of the plant is important. Primo Maxx moves upwards readily but downward movement is limited. Flat fan nozzles that produce medium to coarse droplets are commonly recommended. Larger droplets (very coarse to extremely coarse) do not provide uniform coverage, especially when delivering low spray volumes. Finer droplets (fine to very fine) are prone to drift and much of the active ingredient may not reach the turf surface in windy conditions.

Air induction nozzles provide excellent turf coverage with reduced potential for drift by producing larger droplets that shatter into many small droplets upon contacting the turf. Air induction nozzles that produce coarse to extremely coarse droplets are recommended for applications of Primo Maxx.

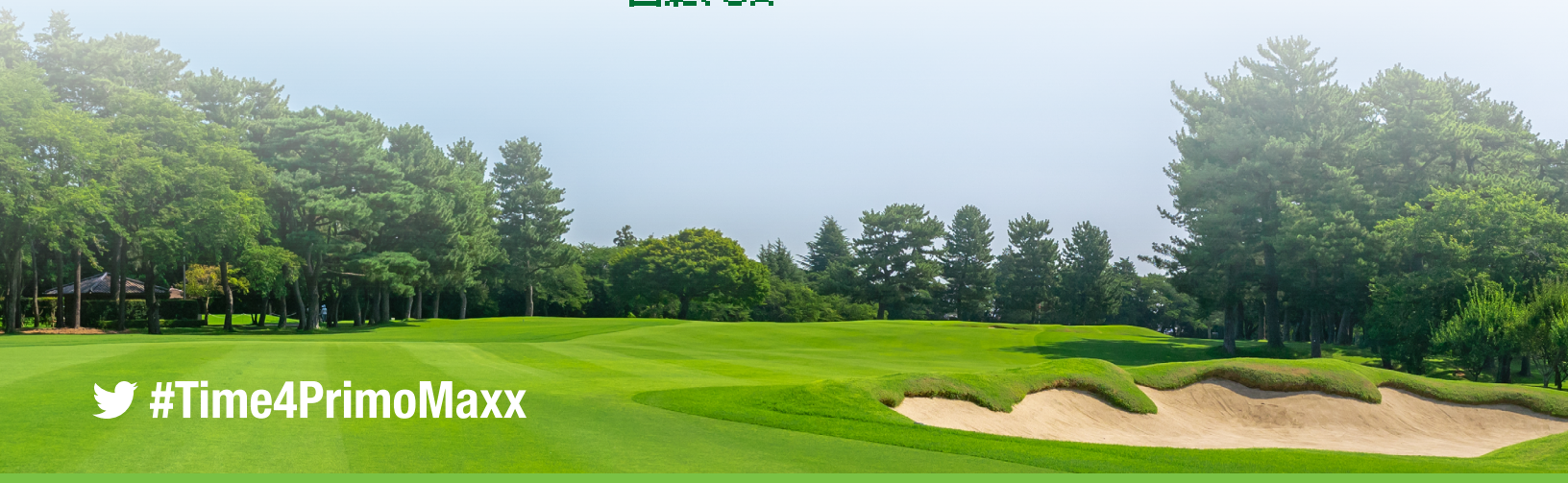
Refer to TeeJet® or Hypro catalogs for details on droplet size as influenced by orifice size and air pressure.

APPLICATION INTERVAL

Primo Maxx must be re-applied on regular intervals to maintain consistent growth regulation over time. Many factors, including turf species, mowing height, fertility levels, and growing conditions can influence the intensity of regulation provided by Primo Maxx. Increased rates can deliver extended periods of regulation; the Primo Maxx label allows for up to 2X rates to be applied for extended regulation. Alternatively, reduced rates can be applied more frequently to achieve more consistent regulation over time. This is especially important on golf course putting greens, where applications on 7-day intervals have become standard.

Growing degree days are a tool that can assist with re-application intervals of Primo Maxx. Growing degree day (GDD) thresholds vary by grass species, variety, and growing conditions and can be regionally specific.

SCAN THE CODE to monitor growing degree day accumulation in your location and receive an alert when the target threshold is reached with **the GDD tool on Greencast.**



#Time4PrimoMaxx

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