



Research Driven,
Proven Results®

COLORANT BEST MANAGEMENT PRACTICES

Colorants optimize turfgrass color and quality, specifically where reduced irrigation inputs are required. Routine applications will improve playing conditions, reduce mowing requirements and can be used as a substitute for overseeding under extreme water deficit conditions. To this end, colorants offer a valuable tool where local and state government mandated water restrictions are in place.

When applied to actively growing turf, GRIGG GreenPig colorants increase the reflection of near infrared (NIR) and UV light, protecting plants from harmful light that can lead to oxidative stress. When applied to dormant and semi-dormant turf, GRIGG GreenPig Ultra can improve golf course, field, or property aesthetics.

Colorants contain specific pigments, called phthalocyanine(s) that determine the final color after application. Those that contain more yellow-green pigments should be used routinely and applied to actively growing turfgrass and those that contain more blue-green pigments are safe to use on dormant or semi-dormant turfgrass, where drought and heat dominate. Typically, turf managers will use the former colorant(s) for a specific agronomic objective when applied to actively growing turfgrass, while the latter is used under water restrictions or as a substitute to overseeding.

Product	Golf Applications	Sports Applications	Actively Growing Turf	Semidormant Turf	Dormant Turf	Near Infrared Protection	UV Protection
GRIGG GreenPig	■	■	■	■	■	■	■
GRIGG GreenPig Ultra	■	■	■	■	■	■	■
GRIGG GreenPig-UV	■	■	■	■	■	■	■

- Ideal application as determined by desired results
- Possibly good results if factors considered
- Less than ideal results

*The color attained using pigmented products is very subjective and should be tested prior to extensive use in order to determine optimum rate and application interval at different sites. Products list recommended rates as a guideline.



PRODUCT FORMULATIONS



GRIGG GreenPig

Flagship product that contains high quality, concentrated pigments to provide a natural green color for up to one month. This colorant has also been documented to reflect potentially harmful near infrared light, which may improve turf quality and vigor. For best results, use routinely on actively growing turfgrass, as needed.

GRIGG GreenPig UV

This formulation provides the same benefits as GRIGG GreenPig, plus a proprietary compound that helps reduce turf exposure to ultraviolet light. It provides a natural green color for up to 14-21 days. It is recommended to use routinely on actively growing turfgrass, as needed.

GRIGG GreenPig Ultra

This formulation offers the same benefits as GRIGG GreenPig, but provides a darker green color for up to one month. It is recommended to use routinely on dormant or semi-dormant turfgrass, as needed.

Application and Use

GRIGG GreenPig / GRIGG GreenPig Ultra

Maintenance Rate: Apply with 50-100 gallons of water [190-380 L of water]

Golf Course Putting Greens: 12-24 fl oz per acre [660 mL-1.5L per hectare]

Golf Course Fairways: 18-32 fl oz per acre [1.25-2.25 L per hectare].

Sports Fields: 24-34 fl oz per acre [1.5-2.5 per hectare].

GRIGG GreenPig UV

Maintenance Rate: Apply with 50-100 gallons of water [190-380 L of water]

Golf Course Putting Greens: 2-4 fl oz per 1,000 sq ft [7-13 L per hectare].

*Best to start applications before dormancy and increase the rate as needed to maintain color. When applying after dormancy, decrease the application interval to every 7-10 days until the desired color is achieved. Rates will generally be higher and color not as dark green after the initial application. Higher height of cut and warm season turfgrass generally require higher rates. Always read the product label carefully before making any colorant application(s).

Utility Products for Use

Nozzles that reduce drift, while providing the best coverage on the turf canopy will offer the best colorant application results.

Allow one hour dry time before irrigation event.

For questions, please contact your local BRANDT Turf Expert.



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