



BLACK PLUG LAYER

Treatment With ZAP®

Recommended Uses

Black Plug Layer, with the attendant anaerobic conditions, destroys the greens and requires expensive turf excavation and replacement. To avoid extensive turf damage and to reestablish aerobic balance, golf course personnel should spray ZAP® on the green. This special turf program with ZAP® brings the biology of the green back into aerobic balance and is a cost-effective solution.



Application

Mix the following ingredients and apply to areas needing treatment:

Product Mix	Per 1,000 sq ft (per 100 sq m)	Per Acre (per Hectare)
Water	5 gallons (20 L/100 m ²)	50 gallons (500 L/ha)
ZAP®	9 ounces (315 mL/100 m ²)	9 quarts (22.5 L/ha)

Problem areas can be treated once every 7 to 14 days. Saturate the turf but do not drench.

Benefits

- Brings the biology of the green back into aerobic balance by shifting the biology back to an aerobically dominated microbial community.
- ZAP® is a biologically friendly product for the control of Black Plug Layer.
- This turf program with ZAP® is a more cost effective treatment than greens removal.



Products contain **Micro Carbon Technology®**, a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.