

TERREPLEX[®]

Carbon-Rich Acidifier

GENERAL INFORMATION

Terreplex is a mixture of calcium lignosulfonate and lignosulfonic acid. It contains a complexing agent which helps to make calcium more soluble.



WARNING

Irritant to eyes, skin, and ingestion.

Use proper gloves and goggles when handling and wash hands before touching eyes or eating. Get medical advice/attention if you feel unwell. Dispose of contents/container in accordance with local/regional/national and international regulations.

KEEP OUT OF REACH OF CHILDREN

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

GUARANTEED ANALYSIS

Calcium (Ca).....1.0%

Sulfur (S).....1.5%

Derived from calcium lignosulfonate complexed with lignosulfonic acid.

CONTENTS

Metric Volume

- 10 Lt (12.75 kg) 1000 Lt (1270.1 kg)
 115 Lt (146.63 kg)

MITCHELL
PRODUCTS

GUIDELINES FOR USE

Initial Treatment	4.4 lt/ha or 44 ml/100	Apply. After 14 days begin maintenance program.
Maintenance Program	2.2-4.4 lt/ha or 22-44 ml/100	Repeat every 14 days throughout the growing season.

SHAKE WELL BEFORE USE

Application rates should be determined from a soil analysis. Follow label instructions as well as the recommendations of your field representative. Always consult the Safety Data Sheet for instructions on proper handling.

SDS available at tricure.com



APPLICATION RATES AND INTERVALS

In general, a program for reducing bicarbonates requires treating a soil with an initial shock treatment of organic acid to clear the problem area before adopting a semimonthly maintenance program. Application rates of organic acids depend on the local water and soil conditions. The rates below are guidelines for application by spray or by injection. Use rate can vary depending on the severity of the conditions and on a number of other factors including amount of rainfall, irrigation frequency and soil type. A water sample may provide a more accurate benchmark for determining use rate. Contact your local Terreplex representative or Mitchell Products directly with any questions or for further assistance.

DIRECTIONS FOR USE

Terreplex is ideal for use on all cool-season and warm-season turf including golf courses, home lawns, athletic fields, sod farms, and ornamental landscape areas including annual and perennial flowers, foliage plants, grasses, ground covers, trees and shrubs.

SPRAY APPLICATION

Apply **Terreplex** using 5-10 lt of water per 100 m² as a spray application using boom, hand-held or backpack sprayers. It is not necessary to water **Terreplex** into the soil immediately after application. However, it is suggested that **Terreplex** be watered into the soil in order to have a greater impact on soil chemistry.

For best results, fill spray tank half full with water, add the appropriate amount of **Terreplex** and begin agitation.

Add the remaining water to fill tank. Vigorous agitation may require addition of a commercial defoamer. Mixing **Terreplex** with TriCure[®] AD Soil Surfactant at the time of application will greatly improve the penetration of **Terreplex** into the soil, hence optimizing the results (see TriCure AD label for specific rate information). Since **Terreplex** has a low pH, it is not recommended to be mixed with high-pH materials unless application is made promptly. **Terreplex** is compatible with many commonly used turf chemicals; however, a jar test and field testing should be conducted on any tank mix with which you do not have prior experience to assure safety concerns are met.

INJECTION APPLICATION

Application of **Terreplex** via irrigation lines is recommended where possible. Please consult your **Terreplex** representative or Mitchell Products directly with any questions or for further assistance.

LIME OVERSPRAY FOR ENHANCED CA AVAILABILITY

Traditional lime applications can be oversprayed with **Terreplex** to significantly increase the amount of calcium solubilization. Application of lime should be made according to recommendations from a soil test report. Terreplex overspray should be applied following a lime application, though it is not necessary to spray immediately after. Water-in after overspray application.

Single application: 8.8 lt/ha

Split applications: (2) 8.8 lt/ha applications
14-28 days apart

RATES AND APPLICATION INTERVALS FOR TURFGRASS & ORNAMENTALS

	Rate	Application Schedule
Initial Shock Treatment	4.4 lt/ha or 44 ml/100	Apply the initial shock treatment, wait 14 days, then begin a maintenance program.
Treatment Maintenance Program	2.2-4.4 lt/ha or 22-44 ml/100	Apply Terreplex on a 14-day schedule throughout the growing season.

Treatments should continue throughout the growing season. Rates can typically be lowered over time as conditions improve, although acid treatments cannot be discontinued entirely. If acid is discontinued and the problem stems from poor irrigation water quality or parent material, the soil will return to its original condition over time.

