



SPRING VALLEY'S 30-4-R is a high quality fertilizer product that contains 14% nitrogen and a selective pre-emergence herbicide to control the below listed annual grasses.

**DIRECTIONS FOR USE** Read all Directions Carefully Before Applying

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. SPRING VALLEY'S 30-4-R with TEEM is a pre-emergence herbicide which is applied to established turfgrasses for the control of annual bluegrass (poa annual), smooth and hairy crabgrass, goosegrass (silver crabgrass or snowfoot), barnyardgrass (watergrass) and green and yellow foxtail. SPRING VALLEY'S 30-4-R with TEEM controls these annual weeds by killing their seeds as they germinate. Apply before these annual weeds begin to germinate since it does not control established weeds.

When SPRING VALLEY'S 30-4-R with TEEM is applied as directed, the following established turfgrasses are tolerant:

Kentucky bluegrass	Fescue	St. Augustinegrass
Perennial ryegrass	Zoysiagrass	Bahiagrass
Centipedegrass	Bermudagrass	

SPRING VALLEY'S 30-4-R with TEEM will not harm most newly established ornamental trees and shrubs.

**APPLICATION DIRECTIONS**

**Rates, Frequency and Timing of Application**

Successful pre-emergence control of the annual grass weeds listed on this label requires proper timing of application.

Apply SPRING VALLEY'S 30-4-R with TEEM approximately one to two weeks prior to the germination of annual grass weeds. All summer annual grasses do not germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control results may be erratic or poor. Systems used control performance will be enhanced if treated areas are irrigated soon after application.

Any cultural practices that disturb the soil, such as aerification or core aeration, should be done prior to application of SPRING VALLEY'S 30-4-R with TEEM.

Forcing germination under annual grasses, crabgrasses, foxtails and barnyardgrass

Apply 100 lbs. of SPRING VALLEY'S 30-4-R with TEEM with 14% N per 1000 sq. ft. or 150# per acre. Application at this rate will supply 14% of actual nitrogen per 1000 sq. ft. or 24% of actual N per acre. Do not exceed 12 to 16 weeks after application.

**A. In the North, for prevention of turfgrasses**

For pre-emergence control, apply 112 to 150 pounds per acre (1.5 to 2 pounds active ingredients) of SPRING VALLEY'S 30-4-R with TEEM per acre in the spring, one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

**B. Southern Warm Season Turfgrasses**

For pre-emergence control, apply 150 to 225 pounds (2 to 3 pounds active ingredients) of SPRING VALLEY'S 30-4-R with TEEM per acre in the late winter or early spring, one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

In areas of the United States where germination of the annual weed grass species continues for extended periods of time, a second application of SPRING VALLEY'S 30-4-R with TEEM at the recommended rate may be made 8 to 10 weeks after initial treatment for continued control.

SPRING VALLEY'S 30-4-R with TEEM per acre	42,100# 50# Ft.
112 pounds	2.5 pounds
150 pounds	3.4 pounds
225 pounds	5.1 pounds

**PRECAUTIONS**

Apply SPRING VALLEY'S 30-4-R with TEEM to the turf prior to the germination of weed grasses since SPRING VALLEY'S 30-4-R with TEEM will not control established weeds. SPRING VALLEY'S 30-4-R with TEEM may harm established annual bluegrass (poa annual) turfs and fine leaved fescues at rates above 112 pounds per acre (1.5 pounds active ingredients). SPRING VALLEY'S 30-4-R with TEEM should not be applied in the spring to turfgrasses planted the previous fall. In bermudagrass areas that have been overseeded with winter grasses, a spring application of SPRING VALLEY'S 30-4-R with TEEM may harm the overseeded grasses. Because of varying cultural practices, SPRING VALLEY'S 30-4-R with TEEM should not be used on putting greens. SPRING VALLEY'S 30-4-R with TEEM should not be used on dishmow. SPRING VALLEY'S 30-4-R with TEEM should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established.

**NUTRIENT ANALYSIS**

Nitrogen (N).....	30%
21.5% urea nitrogen	
1.5% ammoniacal nitrogen	
5.0% sulfur coated urea (SCU)	
Available Phosphoric acid (P2O5).....	4%
Soluble Potash (K2O).....	1%
Sulfur.....	2%

FERTILIZER INGREDIENTS: sulfur coated urea, urea, D.A.P., sulfate of potash.

NET WT. 50# GROSS 14,500 SQ. FT.

**SPRING VALLEY TURF PRODUCTS**

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Div. Vogel Seed & Fert.