

## Understanding Fertilizers

- Nitrogen is the first number in the analysis on the bag. Nitrogen is a component of chlorophyll (responsible for green color of plants) and is required for nearly all growth processes in turf. Top growth occurs at the expense of root growth, so excessive amounts of nitrogen can restrict root growth.
- Phosphorus: (Please note that none of the "step" fertilizers include phosphorus) Turf does not require additional phosphorus once it is established. More importantly, excess phosphorus can reach water bodies and encourage algae growth. For more information, please contact your local Regional Sales Manager.
- Potassium (supplied in the form of potash) is associated with the plants ability to withstand stress. When supplied to the plant along with adequate amounts of nitrogen, potassium thickens the cell wall. This makes the plant better able to withstand drought, insects, disease and cold.

## Why is Fertilizing Important

- Fertilizing supplies nutrients needed during the high demands of the growing season
- Proper nutrition protects your grass from pest infestations and helps it recover should one occur
- A thriving lawn is more resilient to traffic
- Proper pH is maintained in your soil
- Nitrogen is supplied for leaf and shoot growth and a deep green color
- An application of fertilizer in the fall prepares your lawn for winter and speeds its recovery in the spring
- Fertilizing establishes new lawns and maintains established lawns



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# Crabgrass Control

**13-0-6 25% PCSCU with .125% Dimensions**

- Premium granular fertilizer
- Advanced poly-coated, sulfur-coated nitrogen protection
- .125 Dimension crabgrass preventer for 3-5 months
- 50 lb. = 12,500 sq. ft.
- Apply in spring

# Weed & Feed

**22-0-5 30% PCSCU 1% Fe with Trimec**

- Premium granular fertilizer
- Advanced poly-coated, sulfur-coated nitrogen protection
- Contains Trimec for superior control of dandelions and over 140 other broadleaf weeds
- 50 lb. = 12,500 sq. ft.
- Apply in late spring-early summer

# Fall Winterizer

**22-0-6 40% PCSCU**

- For normal winterization repeat application of Turf Food or for additional weed control choose a second application of 22-0-5 Weed and Feed.

# Turf Food

**22-0-6 40% PCSCU**

- Premium granular fertilizer
- Advanced poly-coated, sulfur-coated nitrogen protection
- 50 lb. = 12,500 sq. ft.
- Apply in summer

**OR**

# Grub Control

**7-0-0 w/ .20% Merit**

- Season-long grub control

*Grub Control alone may not fulfill fertility needs in certain situations, may use in combination with Weed & Feed or Turf Food*

Look for the yellow boxes for when you can substitute insecticide for turf food.

# Starter Fertilizer

**12-22-10 + Micros**

- For new seeding, establishment any time during the season

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## Alternate Fertilizing Options\*

OPTION	4 STEP SYSTEM					5 STEP SYSTEM					
	BEFORE MAY	MID JUNE	EARLY SEPT	MID - LATE OCT	COMMENTS	OPTION	BEFORE APR 15	EARLY - MID JUNE	LATE JULY	MID SEPT	LATE OCT/ EARLY NOV
1	CRABGRASS CONTROL	WEED & FEED	TURF FOOD	TURF FOOD	TYPICAL 4 OR 5 STEP PROGRAM	6	CRABGRASS CONTROL	WEED & FEED	TURF FOOD	TURF FOOD	TURF FOOD
2	CRABGRASS CONTROL	TURF FOOD AND/OR GRUB CONTROL	WEED & FEED	TURF FOOD	BETTER BROADLEAF CONTROL IN FALL	7	CRABGRASS CONTROL	TURF FOOD AND/OR GRUB CONTROL	TURF FOOD	WEED & FEED	TURF FOOD
3	CRABGRASS CONTROL	WEED & FEED	WEED & FEED	TURF FOOD	BROADLEAF WEEDS IN BOTH SPRING & FALL	8	CRABGRASS CONTROL	WEED & FEED	TURF FOOD	WEED & FEED	TURF FOOD
4	CRABGRASS CONTROL	TURF FOOD AND/OR GRUB CONTROL	TURF FOOD	TURF FOOD	USE OF LIQUID BROADLEAF WEED CONTROL OR LACK OF WEEDS	9	CRABGRASS CONTROL	TURF FOOD AND/OR GRUB CONTROL	TURF FOOD	TURF FOOD	TURF FOOD
5	CRABGRASS CONTROL	WEED & FEED	WEED & FEED	WEED & FEED	INTENSE BROADLEAF PRESSURE	10	CRABGRASS CONTROL	WEED & FEED	TURF FOOD	WEED & FEED	WEED & FEED

\*THE FERTILIZER SYSTEMS LISTED ABOVE ARE SOME OF THE MANY OPTIONS YOU CAN UTILIZE. TO DETERMINE WHAT FERTILIZER SYSTEM IS RIGHT FOR YOU PLEASE CONTACT ONE OF OUR REGIONAL SALESMEN.