

**KAISER
LANDSCAPE
PRODUCTS**

Front of Bag

**PROFESSIONAL
TURF FERTILIZER
& WEED PREVENTER
104**

ACCEPTED
7/15/70 - 1/1/71
2-7-70
UNDER THE FEDERAL PESTICIDE
FUNCTION AND ADMINISTRATION ACT
FOR ECONOMIC PESTICIDE REGISTRY
ED UNDER NO. 9159-140 SUBJECT
TO ATTACHED COMMENTS.

FOR USE ON TURF GRASSES ONLY

12-4-8 and Herbicide Balan* 0.50%

*(Balan — The trademark for Benefin — Elanco Products Company,
a division of Eli Lilly & Company)

Pesticide-fertilizer mixture.

Contains 20 lbs. of 50% Balan per ton.

DIRECTIONS FOR USE:

Apply 400 lbs. per acre (9 lbs. per 1,000 sq. feet), or 600 lbs.
per acre (14 lbs. per 1,000 sq. feet) as per programs outlined
on back of bag.

CAUTION: KEEP OUT OF REACH OF CHILDREN.

May be harmful if swallowed. Harmful if absorbed through
skin. Avoid contact with skin or eyes. Avoid breathing dust.
Avoid contact with clothing. Avoid contamination of food-
stuffs or feeds. Wash thoroughly with soap and water after
using.

This product is toxic to fish. Keep out of lakes, streams or
ponds. Do not contaminate water by cleaning of equipment,
or disposal of wastes.

Active Ingredient:

(N-butyl-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine) 0.50%

Inert Ingredient: 99.50%

100.00%

E. P. A. Reg. No. 9159-140

MANUFACTURED BY
KAISER AGRICULTURAL CHEMICALS
SAVANNAH, GEORGIA

Back of Bag

NET WT. 50 POUNDS PROFESSIONAL TURF FERTILIZER & WEED PREVENTER

12-4-8 and HERBICIDE BALAN* 0.50%

PESTICIDE FERTILIZER MIXTURE FOR USE ON TURF GRASSES ONLY

GUARANTEED ANALYSIS

Total Nitrogen (N)	12%
6.50% Ammoniacal Nitrogen	
1.00% Nitrate Nitrogen	
0.90% other water soluble Nitrogen	
3.60% water insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	4%
Soluble Potash (K ₂ O)	8%
**Chlorine	5%
Total available Primary Plant Food	24%

Active Ingredients:

(N-butyl-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine)	0.50%
Inert Ingredient	99.50%
	<hr/>
	100.00%

E. P. A. Reg. No. 9159-140

Nitrogen derived from Ureaform, Ammonium Nitrate, Ammonium Sulphate, Ammonia, Urea.

Available Phosphoric Acid derived from Superphosphate.

Soluble Potash derived from Muriate of Potash and Sulphate of Potash Magnesia.

Acid forming 400 lbs. Calcium Carbonate equivalent per ton.

*Balán — The trademark for Benefin — Elanco Products Company,
a division of Eli Lilly & Company

**In Florida "not more than." Reg. No. 693-6201

Do not reuse empty container. Destroy by burying with waste or burning. Stay away from smoke or fumes.

PROFESSIONAL TURF PROGRAM

WHEN TO APPLY: Apply in accordance with programs listed below at rate of 400 pounds per acre (9 pounds per 1,000 sq. ft.) or 600 pounds per acre (14 pounds per 1,000 sq. ft.) evenly and without skips or misses to turf area in early spring before crabgrass and similar grasses germinate

PROFESSIONAL TURF PROGRAM

WHEN TO APPLY: Apply in accordance with programs listed below at rate of 400 pounds per acre (9 pounds per 1,000 sq. ft.) or 600 pounds per acre (14 pounds per 1,000 sq. ft.) evenly and without skips or misses to turf area in early spring before crabgrass and similar grasses germinate and in late summer before fall germination of poa annua. Do not sow grass seed for 42 days after application. Do not apply to turf planted the previous fall. Do not apply to bentgrass or dichondra turf. Do not apply to newly sprigged areas of bermuda grass, St. Augustine grass, or centipede grass until these turfs are well established since root inhibition may result. Balan may thin fine-leaved fescues at rates above those recommended on label.

PROGRAM A -- Dwarf or 328 Bermuda, Greens and Tees, overseeded in fall

PROGRAM B -- Cool-Season Grasses for Greens and Tees.

PROGRAM C -- 419, 328, or Common Bermuda, overseeded in fall.

PROGRAM D -- 419, 328, or Common Bermuda, not overseeded.

PROGRAM E -- Year-Round Fairway Grasses. (Northern Grasses)

Each of these programs is designed to keep your turf grass from growing out of control one day and out of fertilizer the next, through our specially formulated turf products containing ureaform nitrogen. The recommendations outlined in these programs will help to reduce grain problems and thatch build-up.

DATE	GREENS AND TEES		FAIRWAYS, FOOTBALL FIELDS, PARK AREAS		
	PROGRAM A	PROGRAM B	PROGRAM C	PROGRAM D	PROGRAM E
2/15	101 10 lbs./M sq. ft.				102 400#/A
3/15	101 10 lbs./M sq. ft.	101 15 lbs./M sq. ft.	102 or 104 600#/A	102 or 104* 600#/A	
4/15	101 10 lbs./M sq. ft.	101 10 lbs./M sq. ft.			102 or 104* 400#/A
5/15	103 15 lbs./M sq. ft.	101 8 lbs./M sq. ft.		102 600#/A	
6/15	103 15 lbs./M sq. ft.	103 8 lbs./sq. ft.	102 400#/A		102 400#/A
7/15	101 10 lbs./M sq. ft.	103 8 lbs./ sq. ft.			
8/15	101 10 lbs./M sq. ft.	101 10 lbs./M sq. ft.	102 or 104* 600#/A	102 or 104* 600#/A	102 or 104* 400#/A
9/15	Kaiser 5-10-15 15 lbs./M sq. ft.	Kaiser 5-10-15 15 lbs./M sq. ft.			
10/15	103 20 lbs./M sq. ft.				102 400#/A
11/15	101 10 lbs./M sq. ft.	101 10 lbs./M sq. ft.	102 400#/A		
TOTAL					
N/Yr.	26.9#/M	15.3#/M	240#/A	216#/A	240#/A
P.O./Yr.	4.5#/M	3.3#/M	80#/A	72#/A	80#/A
K.O./Yr.	7.1#/M	5.9#/M	160#/A	144#/A	160#/A
Actual Water Insoluble	18.6#/M	10.0#/M	72#/A	64.8#/A	72#/A

formulated turf products containing ureaform nitrogen. The recommendations outlined in these programs will help to reduce gram problems and thatch build-up.

DATE	GREENS AND TEES		FAIRWAYS, FOOTBALL FIELDS, PARK AREAS		
	PROGRAM A	PROGRAM B	PROGRAM C	PROGRAM D	PROGRAM E
2/15	101 10 lbs./M sq. ft.				102 400 = /A
3/15	101 10 lbs./M sq. ft.	101 15 lbs./M sq. ft.	102 or 104 600 = /A	102 or 104* 600 = /A	
4/15	101 10 lbs./M sq. ft.	101 10 lbs./M sq. ft.			102 or 104* 400 = /A
5/15	103 15 lbs./M sq. ft.	103 8 lbs./M sq. ft.		102 600 = /A	
6/15	103 15 lbs./M sq. ft.	103 8 lbs./sq. ft.	102 400 = /A		102 400 = /A
7/15	101 10 lbs./M sq. ft.	103 8 lbs./ sq. ft.			
8/15	101 10 lbs./M sq. ft.	101 10 lbs./M sq. ft.	102 or 104* 600 = /A	102 or 104* 600 = /A	102 or 104* 400 = /A
9/15	Kaiser 5-10-15 15 lbs./M sq. ft.	Kaiser 5-10-15 15 lbs./M sq. ft.			
10/15	103 20 lbs./M sq. ft.				102 400 = /A
11/15	101 10 lbs./M sq. ft.	101 10 lbs./M sq. ft.	102 400 = /A		
TOTAL					
N/Yr.	26.9 = /M	15.3 = /M	240 = /A	216 = /A	240 = /A
P. O. /Yr.	4.5 = /M	3.3 = /M	80 = /A	72 = /A	80 = /A
K. O. /Yr.	7.1 = /M	5.9 = /M	160 = /A	144 = /A	160 = /A
Actual Water Insoluble Nitrogen	18.6 = /M	10.0 = /M	72 = /A	64.8 = /A	72 = /A

*For best results apply Product = 104 within a two-week period from date shown above. Do not apply when weather conditions are excessively hot and dry.

PROFESSIONAL TURF PRODUCTS

101 TEE AND GREEN FERTILIZER: A 12-4-8 fertilizer specifically formulated for use on tees and greens. 80% of the total nitrogen is derived from Urea-Formaldehyde, of which 60% is water insoluble.

102 FAIRWAY FERTILIZER: A 12-4-8 fertilizer for use on all fairways, football fields, park areas, etc. 40% of the total nitrogen is derived from Urea-Formaldehyde, of which 30% is water insoluble.

103 PROFESSIONAL UREAFORM NITROGEN A slow-release 38% nitrogen product designed specifically for use on tees, greens and fairways.

104 PROFESSIONAL TURF FERTILIZER AND WEED PREVENTER: A combination 12-4-8 fertilizer for fairways, football fields, park areas, etc. containing Balan™ for pre-emergence control of poa annua and crabgrass. 40% of the total nitrogen is derived from Urea-Formaldehyde of which 30% is water insoluble. Designed to fit into a ureaform fertilizer program.

Kaiser 5-10-15 is recommended for use in establishing overseeded grasses on tees and greens.

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DIVISION OF KAISER ALUMINUM & CHEMICAL CORP.
P. O. BOX 246, SAVANNAH, GEORGIA