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MAR 8 1985

C. A. Turner  
Walnut Grove Products  
Div. of W.R. Grace & Co.  
201 Linn Street  
Atlantic, IA 50022

300/140281  
17/3

Dear Mr. Turner:

Subject: Amendment-Updated Formulae and Revised Labeling  
Walnut Grove 4x4 Fli-Kil 10 Mineral  
EPA Registration No. 7631-20  
Walnut Grove 4x4 Add-Mix Fli-Kil  
EPA Registration 7631-21  
Your Application Dated October 18, 1984

BEST AVAILABLE COPY

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

At the next label printing make the following label revision:

Any reference to "general use" classification must be removed from the subject products' labeling. "General Use" as a classification is no longer deemed valid by the Agency, even when products are not subject to restricted use as in the case of the subject products. If a product is classified for restricted use, this classification notifies individuals that the chemical may be applied only by or under the direct supervision of a certified applicator. The absence of a restricted use classification clearly implies that the aforementioned restriction does not apply to a particular pesticide or its uses. A second classification for general use is thereby unnecessary and should not appear on this product's labeling.

CONCURRENCES							
SYMBOL							
SIGNATURE	<i>Theresa Berg</i>						
DATE	3/5/85						



The updated formulae are acceptable and have been included in the respective files.

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Best Available Copy

JOB-50445:LaRocca:Kendrick & Co.:898-1270:vg:RD-27:2/28/85:Del.3/11/85



TEST AVAILABLE

50 LBS.

NET WEIGHT

# Walnut Grove® 44

## FLI-KIL 10 Mineral

With Rabon® Oral Larvicide

To prevent the development of horn flies, face flies, house flies and stable flies in the manure of treated cattle.

ACTIVE INGREDIENTS	BY WEIGHT
*S-chloro-1,2,4,5-tetrachlorophenyl	1.25%
vinyl dimethyl phosphine	98.75%
<b>INERT INGREDIENTS</b>	<b>100.00%</b>

\*Rabon Brand containing 100% Rabon.

\*Rabon only to be used in accordance with label directions.

See also label for use of Rabon in conjunction with other insecticides.

### MINERAL ANALYSIS

When fed to cattle, this product has been found to contain the following minerals: Calcium, Phosphorus, Sodium, Potassium, Magnesium, Manganese, Copper, Iron, Zinc, Vitamin A, Vitamin D, Vitamin E, and various trace elements.

### MINERAL ANALYSIS

Oxygen (O), maximum	58.00%
Carbon (C), minimum	10.00%
Phosphorus (P), minimum	11.00%
Sulfur (S), maximum	1.00%
Sodium (Na), minimum	0.00%
Magnesium (Mg), minimum	1.00%
Manganese (Mn), minimum	0.01%
Copper (Cu), minimum	0.01%
Iron (Fe), minimum	0.01%
Zinc (Zn), minimum	0.01%
Vitamin A, minimum	200,000 U.S.P. Units Per Lb.
Vitamin D, minimum	40,000 U.S.P. Units Per Lb.
Vitamin E, minimum	100 IU Per Lb.

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

SEE BACK OF LABEL FOR MINORAL PRESENTATION INFORMATION.

Manufactured by  
**WALNUT GROVE PRODUCTS**  
Division of W. R. GRACE & CO.  
General Office  
Atlantic, Iowa 50002



51145-1000

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# Walnut Grove® FLI-KIL 10 Mineral

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

### CAUTION

Keep out of reach of children. Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating or drinking. If in eyes, wash with plenty of water for 15 minutes. If irritation persists, see a physician.

### ENVIRONMENTAL HAZARDS

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

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**CONTENT:** Store Walnut Grove FLI-KIL 10 Mineral in a dry, well ventilated storage area away from other pesticides, animal feeds, fertilizers, herbicides, and chemicals. Store in original container with label intact to prevent loss of identity of product. Repair damaged bags promptly to prevent possible contamination of other products.

**HAZARDOUS MATERIAL:** Pesticide, spray mixture, or rinse water that comes in contact with skin or clothing should be washed off immediately. If swallowed, do not induce vomiting. Seek medical attention immediately. Refer to the label for first aid instructions.

**DISPOSAL:** Completely empty bag by shaking and tapping sides and bottom to remove clinging particles. Empty residue into application equipment. Do not dispose of bags in a sanitary landfill or by incineration if allowed by local and state regulations.

## RECOMMENDATIONS GENERAL CLASSIFICATION

It is a violation of Federal law to use this product in a manner inconsistent with the labeling.

**Feed from choice or cattle.** Cattle should consume an average of 1 cu. ft. of the mineral per 500 pounds of body weight per day. This will supply the recommended average daily intake of 70 mg. Active Coal Tartrate per hundred pounds of body weight. Animals should not be starved for minerals between treatments of the Walnut Grove FLI-KIL 10 Mineral with feed. When proper, but not all salt from other feed after the program is started. Do not use other feed which contains salt or mineral containing salt in any form. Allow one animal to feed for each 10-15 head, and place near watering and feeding areas. Put out no more than one month's supply at a time, and protect from rain.

If consumption of Walnut Grove FLI-KIL 10 Mineral with feed is above 1 cu. ft. per 500 lb. of body weight per day, reduce the number of feeding locations or rations. If consumption is below 1 cu. ft. per 500 lb. of body weight per day, increase the number of feeding locations. Start feeding Walnut Grove FLI-KIL 10 Mineral with feed early in the spring before flies begin to appear, and continue feeding throughout the season and into the fall.

Walnut Grove FLI-KIL 10 Mineral with feed may be fed up to slaughter and to lactating dairy cows.

Walnut Grove FLI-KIL 10 Mineral with feed prevents the development of horn flies, face flies, house flies and stable flies in the manure of treated cattle, but is not effective against existing adult flies. When starting a feeding program during the fly season, it may be necessary to use other control measures to reduce the population of existing adult flies.

Supplemental fly control measures may be needed to get around cattle lots and buildings to control adult house flies and stable flies which are found not only in cattle manure but in other dumping vegetable matter or refuse on the premises.

In order to achieve optimum fly control Walnut Grove FLI-KIL 10 Mineral with feed should be used in conjunction with other good management and sanitation practices.

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