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## Agronomy Notes, no. 32

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*University of Kentucky*

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# AGRONOMY NOTES

SOILS • CROPS

Prepared by Department of Agronomy, University of Kentucky Cooperative Extension Service

No. 32

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Silo Fillers Disease, caused by nitrogen dioxide, was discussed in a joint Agronomy and Pharmacology release. Dr. Mark Luckens, College of Pharmacy, has prepared strips of potassium iodide - starch test paper to assist in detecting this deadly gas in silos and feeding areas. These strips are small (5/8" x 2") and change to a blue color when in contact with nitrogen dioxide. We have 300 strips available for use by County Agents.

Please request these strips through S. H. Phillips, Agronomy Department, Agricultural Science Center.

#### Directions for use:

Soak strips in glycerin

Allow to dry

Expose to air in silos or feeding area - observe any color changes. Move livestock to well aeriated area with slightest change in color. Stay out of silos until blower is operated when gas is detected.

S. H. Phillips

(To simplify information in this publication, trade names of some products are used. No endorsement is intended, nor is criticism implied of similar products not named.)

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