

## ● Silo Gas

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lions, sometimes results in abnormally high nitrate contents in the plant leaves the experts say. During or immediately after the ensiling process, these nitrates are converted to nitrogen dioxide gas.

This gas is sometimes detected as a yellowish cloud which has an irritating odor similar to laundry bleach. Since it is heavier than air, the nitrogen dioxide gas is often found descending down the silo chute into the feed room and other parts of the barn. If the silo is connected to a milking parlor or cattle barn, serious damage to the cattle often results. The gas may be so diluted it is undistinguishable by the time it

reaches the cattle barn, specialists say, yet it can cause serious reproduction problems and other less noticeable effects.

Severely drought stricken crops which have received heavy fertilizer applications should be ensiled only after following detailed precautions

To insure safety for all concerned, the silo area should be well ventilated during the filling process and precaution should be taken to keep children and livestock away from freshly filled silos. Do not open silos for at least six or eight weeks after filling. Suspected forage should be introduced into the livestock ration gradually over a period of seven to 10 days.

Cows should always receive adequate amounts of grain during such a period. Also, it

is advisable to feed higher amounts of vitamin A in a grain ration since nitrate contents in forage interfere with vitamin A utilization by animals.

Detailed precautions on handling high nitrogen silage may be obtained from your county agent's office.

## ● Chicago

(Continued from Page 2)

50 a high since May 1960, Bulk mixed choice and Prime 1150-1350 lbs. 31 00-32 75 Bulk Choice 1100-1350 lbs 29 00-31 50. Numerous loads mixed good and choice 950-1250 lbs. 28 50-29 25, load 875 lbs 28 00, Good 26.00-29.00, Mostly 26 50-28 50, Standard 23 00-26.00 including Holsteins 23.50-24.75.

COWS: Utility and Comm-

## ● Lancaster Poultry

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ercial cows closed at 14.25-17.00, mostly 14.50 up, Few Standard 18.00-21.00, Canner and Cutter sold late 13.00-15.50.

SLAUGHTER HEIFERS: Two shipments mixed choice and Prime 937 and 971 lbs 29 25, heighest for heifers since May 1960 Numerous loads high choice and mixed choice and Prime 28.75-29 00, Bulk Choice 26 50-28 50, Good 24 50-26 50.

Utility and Commercial bulls closed at 18 50-21 00.

FEEDERS: Choice and Fancy 800 lb. feeding steers 27 00, Good and Choice 550-950 lb. feeders 25.75-26 75, Medium and Good 685 lbs 23 00, Mixed medium and Good 425-550 lb. Heifers 21.75-23.50.

16. Same (Arthur Leaman), 5000 MCX, 8-2, Starr Poultry, 18.3; 17. Same (Richard McCauley), 3900 WV, 8-6, Daniel K Good, 18 0; 18 D. E. Horn & Co (Robert Shepard), 8000 WV, 8-5, H. W. Longacre, Inc, 18 2, 19 Same, 7000 WV, 8-5, Starr Poultry, 18 3. 20. Same (Melvin Barge), 1200 WVC, 13-0, Carl B. Risser, 22.0.

21 Same, 2400 WVC, 13-0, Starr Poultry, 23 1; 22 Same, 2400 WVP, 13-0, W. C. Melinger & Son, 23 0; 23 Same, 1250 WVC, 13-0, W. C. Melinger & Son, 22.2, 24. Same, 1450 WVC, 13-0, Marvin Sweigart, 22.2, 25. Same, 1550 WVC, 13-0, Dante K. Good, 22.0.

26. Same (Clarence M. Shuey), 3200 WV, 9-6, Daniel K. Good, 18.4; 27. Same (Richard Myers), 6000 WV, 9-0, Daniel K. Good, 18.2; 28 Same, 1500 WV, 9-0, Daniel K. Good, 18 2; 29. Same, 4500 WV, 9-0, Roy E. Ream, 18 3, 30 Longenecker's Farm, 1320 H-F, H. W. Longacre, Inc, 15 8

31. Same, 1340 H-F, H. W. Longacre, Inc, 15 5, 32. D. E. Horn & Co (Clarence M. Shuey), 6800 WV, 9-6, Starr Poultry, 18 3



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