

Protection For Grain Bins

Studies at Purdue University, Lafayette, Indiana, indicate that metal grain bins can be successfully protected from the corrosive elements of chemical grain preservers through the proper use of specially developed coatings.

Chemical corrosion is a major point of concern to farmers contemplating the use of chemical preservatives, according to Bruce A. McKenzie, Professor of Agricultural Engineering at Purdue. However, he commented, it appears that

certain new coatings, properly applied, can prevent damage to metal grain storage structures from acid corrosion.

At one of the Purdue Research Farms, four coating materials were applied to different sections of a galvanized steel grain bin last fall. High-moisture grain treated with propionic acid was then stored in the bin throughout the winter and removed by June of 1974. Visual comparisons of the various coatings indicated that INTERCHLOR, a material manufactured by

International Paint Company, performed best in preventing corrosion problems.

"Under the particular set of circumstances with which we worked, it appears that INTERCHLOR performed very well," Mr. McKenzie said. "Other materials met with varying degrees of success," he added.

INTERCHLOR is a high-build coating system which can be applied by airless spray or brush to grain bin walls and other metal objects which come into contact with chemically

preserved grain. The material is used by manufacturers of chemical grain preserver application equipment to prevent corrosion to augers and applicator units, according to Robert Doyle, technical manager for International Paint.

Mr. Doyle stated that INTERCHLOR was especially developed in anticipation of increased use of chemical grain preservers by farmers and livestock feeders. International Paint, a major manufacturer of marine and industrial paints, screened a number of coatings in its search for the best material for this purpose. In laboratory and field trials, INTERCHLOR outperformed all other coatings tested in terms of corrosion, abrasion, moisture and acid resistance and simplicity of application, Mr. Doyle explained.

Fulton Grange Observes Community Night Program

Fulton Grange 66 observed Community Night September 23rd by holding a covered dish supper at 7 P.M. at the Grange Hall, Oakryn with 65 people in attendance. Mrs. Richard Holloway, Mrs. Richard Hanks, Mrs. James A. Brown and Mrs. Harold Alexander were in charge of the supper.

Following the meal the Master Charles McSparran conducted a brief business meeting when the youth committee announced that Fulton Grange's float won first place in the Best Appearing Farm Group at the Southern Lancaster Co. Community Fair Parade September 20 at Quarryville. The Women's Activities committee reported another shipment of the Pa. State Grange cookbooks has been received.

Richard Maule, of Colerain Grange and chairman of the committee to entertain State Grange in October 1975, announced committee chairmen.

Miss Joyce Galbreath, Lecturer, was in charge of the art and color photo contests, there being three entries in each contest. They will be judged in the near future and the winning pictures will be entered in the State Grange contests. Deputy State Master Thomas Galbreath

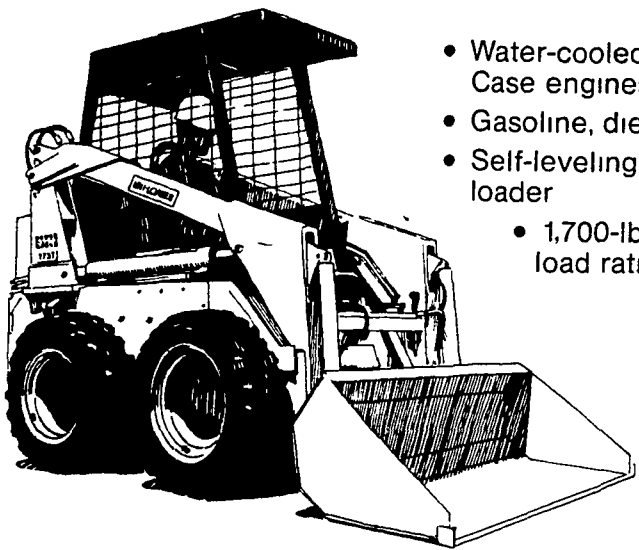
presented a Golden Sheaf National Grange membership certificate to Mrs. Mary M. James and Silver Star certificates to Ralph W. Long, Charles Reed, Mrs. Thomas Galbreath, Mrs. W. Harold Graybeal and Mrs. Beulah Mullen. Also receiving 25-year certificates in absentia were Mr. and Mrs. Charles Tindall Sr. and Jesse Wood. The Lecturer presented them with 50 year pins and 25 year membership pins, corsages and boutonnieres from Fulton Grange.

Mr. and Mrs. Laverne Pownall of Fremont Grange showed colored slides and gave an interesting travelogue of their tour of England, Holland, Germany and Switzerland last July. Of particular interest was their visit to farms in these countries and the exchange of ideas with the farmers.

Installation of the newly elected officers will take place at the next meeting October 14.

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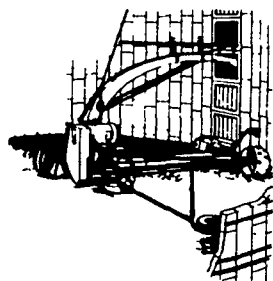
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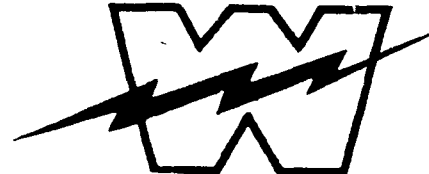
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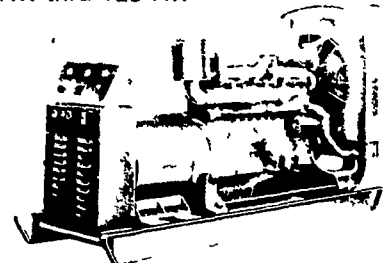
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