SLIDE HAY STACKER

by

F. E. Price and
W. L. Griebler
Agricultural Engineering Department

Federal Cooperative Extension Service
Oregon State College
Corvallis

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Wm. A. Schoenfeld, Director
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The slide hay stacker plans on the following pages are based on a stacker in use in Malheur County. It is recommended as a labor-saver, and is especially useful when manpower is limited. One outfit in 1942 put up 2000 tons of hay with a stacker of this type, which had the slide extended to 54 feet instead of 48 feet as shown on the drawings. This extension can be made, if desired, on the framework and bracing as shown in the drawings.

In the drawing of the rear elevation (Sheet 1), it will be noted that two 4 x 6's are indicated to hold the side wings. The wings referred to are not shown in the drawings, but are used to form the sides of the stack. They are made of 3" to 4" poles, extend back along the stack from 12 to 15 feet and upward to a height of about 18 feet.

In operation the hay is stacked in "bents" of 12 to 15 feet, depending upon the length of the side wings. The use of side wings simplifies forming the sides of the stack and requires less care on the part of the man or the stack to keep the sides true. After one bent is formed, the stacker is pulled ahead 12 to 15 feet and another bent is built up. In this way a stack can be made any desired length. The hay can also be removed by bents, making it possible to remove hay from the stack without cutting through the hay or otherwise pulling it apart.

Essential specifications and other features are shown in the plans on the following pages. Large scale blueprints size 17" x 22" are available at Agricultural Engineering Department, Oregon State College, Corvallis, Oregon, for 65 cents a set.