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TWO-WAY DRAG BUCK
by
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TWO-WAY DRAG BUCK

The two-way drag buck is one of the most simple pieces of equipment which can be made on the farm for use in transporting hay. If poles are substituted for the 2 x 6's used for the teeth, practically all of the materials except the hardware can be obtained from the farm woodlot.

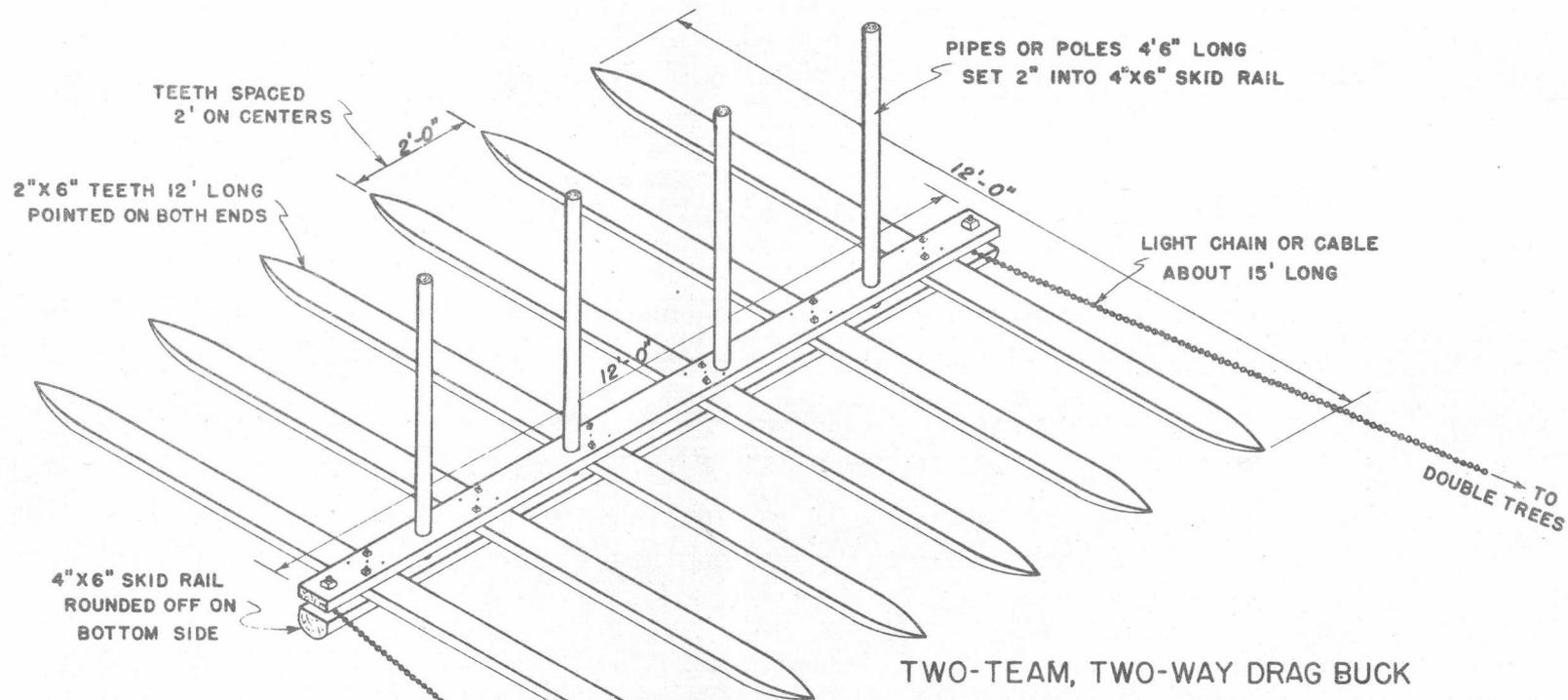
The drawing mentions the use of a team on each chain, but a single horse can be used on each chain when the weight of the load and length of the haul permits. It is necessary in either case to use two reins to each horse or team, making four reins for the driver to handle.

In operation, the buck is loaded by driving one team or one horse along either side of the windrow. When the load is pulled onto the stacker, the horses are swung around and headed in the opposite direction, pulling the buck away from the load. The next load is then loaded on the opposite side of the buck.

The driver stands on the teeth behind the load.

As the horses become accustomed to swinging about in order to unload the buck, the speed of operation is naturally increased. The buck can be reversed in this manner more quickly than by backing away from the load, as is done with the conventional horse-drawn buck rake.

Essential dimensions are indicated on the plan on the following page. A large scale blueprint of this plan is available for 50 cents at the Agricultural Engineering Department, Oregon State College, Corvallis, Oregon.



TWO-TEAM, TWO-WAY DRAG BUCK

NOTE:

BUCK IS LOADED BY DRIVING ONE TEAM ALONG EACH SIDE OF WINDROW.

BUCK IS UNLOADED AND STARTED FOR NEXT LOAD BY SWINGING TEAMS AROUND SIDES AND PULLING BUCK IN OPPOSITE DIRECTION.

TEAMSTER STANDS BACK OF LOAD ON TWO CENTER TEETH.

BILL OF MATERIALS:

- 1 - 2"x6", 12' LONG
- 6 - 2"x6", 12' LONG
(OR ROUND POLES OF COMPARABLE SIZE)
- 1 - 4"x6", 12' LONG
(OR HALF OF A ROUND POLE OF COMPARABLE SIZE)
- 4 - 1" TO 2" PIPES, 4'6" LONG
(OR 2" TO 3" ROUND POLES OF SAME LENGTH)
- 12 - 3/8" OR 1/2" BOLTS
(LENGTH DEPENDANT UPON SIZES OF LUMBER USED)
- 2 - 1/2" OR 5/8" BOLTS
(LENGTH DEPENDANT UPON SIZES OF LUMBER USED)
- 30' OF LIGHT CHAIN OR CABLE
- 1 LB. 20d NAILS

COOPERATIVE EXTENSION WORK IN
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TWO-WAY DRAG BUCK

PLAN NO. 8.07	1/43	SHEET 1 OF 1
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