

PIERCE COUNTY RE-FORESTER TREE PLANTING MACHINE

INSTRUCTIONS FOR USE

SAFETY:

When backing up be sure the planter person does not get speared by down brush or trees. If you are operating in the vicinity of any buried cable or piping, consult your local utility for exact locations. Keep all shields in place. Keep children and observers away from the machine when it is in operation. Do not allow riders on the tractor or the machine. Check that all connections and bolts are tight before operation. Make sure all hydraulic fittings are tight and that all hoses are in good condition. Hydraulic fluid escaping under pressure can penetrate skin and cause personal injury. Never investigate for leaks by using a part of the body to feel for a leak. Do not raise or lower the machine when a person is anywhere on or around the machine other than in the planter seat. Fasten seat belt when occupying planter cage. Place the cylinder lock bars in position when transporting, adjusting, or working on the machine. Use safety chains when transporting on the public roadways.

TOWING:

Be sure that the planter is in the fully raised position and that the cylinder locking bars are in place. Planter has a 2 inch ball hitch. Do not exceed 20 MPH.

PREPARATION FOR PLANTING:

Hitch planter to tractor. Planter has a pin hitch for planting. You must provide a bolt or pin ($\frac{3}{4}$ " diameter) with a spring clip for planting. Detach jack. Attach hydraulic hoses to tractor. **Hydraulic couplers are International Agricultural Standard size (Pioneer Tips).** You must provide adaptors for other sizes of couplings (such as John Deere). **Remove the locking bars from the hydraulic cylinders.**

OPERATION AND MAINTENANCE:

Grease all fittings daily. Grease coultter bearings twice daily. There are six grease points - two on the coultter, one on each packing wheel and one on each

axle pivot. Keep rows as straight as possible. Turning puts severe strain on the planter shoes and may cause breakage. **DO NOT** make sharp turns with the planter in the ground. **DO NOT** back up with planter in the ground. Hydraulic controls allow the planter to keep machine level on hillsides, as well as lower/lift the planter at the ends of the rows or obstructions.

If furrows are not closing and packing properly the coulter may be plugged with soil and not turning. Stop and raise the planter, **place locking bars on the hydraulic cylinders**, remove soil plugging the planter, remove locking bars and continue planting.

WHEN PLANTING IS COMPLETED:

Attach cylinders locking bars. Clean dirt off machine, especially around the coulter and out of the tree boxes. Grease all fittings.