**FRIENDS OF ROTOITI**

**DOC 200 TRAP BOX DESIGN Version 2**

**January 2018**

Field use of our original design has resulted in a few improvements.

The sides are now 12 mm ply and spreaders have been added to the top of each end. This allows the end mesh to be stapled directly to the ends of the box instead of wrapping around the sides and top. The spreaders are cut from 19 mm fence palings.

The internal width is increased to 200 mm to allow more trap clearance.

20 boxes can be constructed from 1 sheet each of 17 mm and 9 mm ply plus 2 sheets of 12 mm ply.

The centre ply baffle has been replaced with a mesh baffle to increase visibility and air flow.

The distance from the mesh at the trap end to the centre baffle has been increased to 280 mm while still allowing the distance to the trap from the entrance to be “weka length” (315 mm in this case).

A mouse excluder has been fitted to protect the bait (Erayz) and the egg cradle has been shifted to the other side. This allows flexibility of bait type.



