

Field Checklist 1: Trap Tree Plot (TTP) establishment

- **Plot location**
 - The Planner will identify the area(s) that need a TTP, ensuring that harvesting operations will not cause interference for about 18 months
 - The Field Operative selects the actual site for the TTP within the area identified by the Planner
- **Tree poison**
 - Dilute Dicamba 500 g/L a.i. with water at a ratio of 1 litre of chemical with 1.5 litres of water
 - This creates the required Dicamba solution of 200 g/L a.i.
 - This 2.5 L of Dicamba will poison ~20 TTPs, dependent on tree size
- **Plot design – position**
 - TTP to be within the stand (provides shade when later felled)
 - Avoid using edge trees, bendy trees, double leaders or trees coming from one stump
 - 10 trees per TTP (Vic), 11 trees (SA, Qld) or 12 trees (NSW)
 - DBH tree range 10–20cm
 - Spread of trees within a 30-metre diameter
 - Trees can be scattered or in rows e.g. 2 rows x 5 trees
 - In a position where they can be easily and safely fallen into a shady position
 - Trees pruned to 2 m height (for safety & ease of identification)
- **Labelling**
 - Mark each tree with an identifying tree number (marking paint, ribbons)
 - *Tip: Painted dots or arrows assist in locating adjoining tree*
 - Mark the year and the plot number on a pruned tree at the road edge nearest the TTP
- **Drilling poison holes**
 - Rechargeable battery drill with 10 mm high speed bit
 - Drill at a 45° downward angle at waist height
 - Drill hole depth approximately 18 mm into the wood; excluding bark, so total drill depth will vary
 - *Tip: use a depth gauge on the drill*
 - Drill holes at 10 cm spacing around the tree at waist height
 - Drilling within bark fissures increases hole-depth accuracy
 - *Tip: set the drill bit so that 10 cm of drill extends beyond the chuck and use this as a guide to hole spacing around the tree*
 - *Tip: Use the following table (overleaf) for the number of holes required:*

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DBHOB	# of Holes
10.0 - 11.0	3
11.1- 14.1	4
14.2 - 17.3	5
17.4 - 20.0	6

- **Poisoning**

- Poison each individual tree immediately following drilling
- Inject 1 ml of the diluted Dicamba solution (200 g/L a.i.) slowly into each drill hole using an accurate, calibrated drench gun or simple syringe
- The poison should fill the hole such that the liquid just reaches the bark/wood interface (the cambium)
- Inject steadily to avoid squirt-back
- *Tip: provide feedback to drill operator if poison overflows the hole (e.g. “holes are too shallow or too flat”) or poison doesn’t come back to the cambium (e.g. “too deep”)*

- **Records**

- Use MaxxFORMS App (Sirex App) to record details, or
- Complete the Sirex TTP Data Sheet (**Worksheet 2**), and
- Record location on a map or electronic mapping device



Drill holes at 45 degrees and carefully inject herbicide