

WOODY WEED & TREE CONTROL

Introduction

Woody weeds, such as trees or saplings whose roots are woody, are members of a group of weeds. Weeds are classified as plants or plant breeds that do not grow in the desired location

The Objective for the Control

- Reducing competition between plants to obtain nutrients, water and sunlight.
- Strong competing weeds can decrease the production of crops.
- To rid the gardener of any barrier when working in the garden.

Types of general weed & tree:

Examples of woody weed: Senduduk, Soapbush, West Indian Lantana tree, and others.

Examples of the wild tree: wild rubber tree, Balik Angin tree, and any others.

List of safety equipment for weedicide operations

- 1- Apron
- 2- Rubber Glove (Nitrile)
- 3- Safety Glasses
- 4- Safety Helmet
- 5- Safety Shoe
- 6- Facemask
- 7- Long-sleeves shirt & trousers

Chemical substances needed in weedicide operations of the woody wood:

- 1- Triclopyr (Garlon[®], or any others)
- 2- Diesel

Equipment needed in weedicide operations of the woody wood

- 1- Paint Brush
- 2- Measuring Beaker
- 3- Long Extension Wood Stick (to tie the Paint Brush)
- 4- Container to mix the chemical substances
- 5- Chemical Substances Stirrer
- 6- Knapsack Sprayer (designed for weedicide)

Brush method to weedicide woody trees:

Example of weedicide mixture using 1 liter of Garlon[®] (32.1% Triclopyr)

- a. The ratio of Garlon[®] to Diesel = 1: 18 (for tiny woody weed)
- b. The ratio of Garlon[®] to Diesel = 1: 9 (for the large wooden tree)

1- Required or recommended diesel is up to 18 liters.

2- At the pace recommended above, mix the Garlon[®] with Diesel. Combine the two substances after that.

3- Then, soak the head of the paintbrush and apply the weedicide mixture across the tree trunk's base region until it is close to the root of the tree.

Spray method to weedicide woody trees:

1- Spray the Metsulfuron Methyl 20% (e.g. Ally[®]) at a rate of 6g mixed in 18 liters of water. Use Knapsack Sprayer.

Or

2- Spray the Triclopyr 32.1% (e.g. Garlon[™]) at a rate of 60ml mixed in 18 liters of water. Use Knapsack Sprayer.



Diagram 1. Senduduk Tree



Diagram 2. Soapbush Tree



Diagram 3. Wild Rubber Tree that has not been weedicide



Diagram 4. The mixture of weedicide applied to the trunk of the tree