

# ProForce Scuba 300

## Herbicide

*Reliable Aquatic and Environmental Weed Control*

### Product Overview

ProForce Scuba 300 is an Emulsifiable Concentrate Formulation, containing 300 g/L of 2,4-D active ingredient as a Phenoxy Acid.

ProForce Scuba 300 is effective against broadleaf weeds and is registered in Non-Crop and Pasture for the integrated control of Groundsel Bush, Mother-of-Millions, Noogoora Burr and Bathurst Burr.

ProForce Scuba 300 is registered for use in Waterways, non-potable water, drains, dam margins, lakes & streams for the control of Water Hyacinth and Water Lettuce in specified states.

### Key Features

- > Proven systemic activity within the plant.
- > A compatible 2,4-D formulation that can be tank mixed with aquatically registered glyphosates such as ProForce Rapid Fire 510 or 800, ProForce Slinger 240 (240g/L Picloram), ProForce Wallop 600 (600g/L Clopyralid), MetForce 600 WG (600g/kg Metsulfuron-methyl), Flumioxazin, Diquat, Triclopyr or Carfentrazone.
- > A unique registration for Aquatic and Terrestrial use.
- > Having an aquatic registration allows the use to include lakes and dam margins, irrigation tracks, drains and infrastructure where the listed weeds are present.

### Mode of Action

#### GROUP 4 HERBICIDE

2,4-D herbicides are called auxin-type herbicides. They kill plants by causing the cells in the tissues that carry water and nutrients to divide and grow without stopping. An auxin herbicide mimics the natural plant hormone auxin and disrupt the plant's normal growth processes. This causes excessive cell elongation and uncontrolled growth, ultimately leading to plant death. Auxin herbicides "over-stimulate" the plant's growth mechanisms, causing abnormal development and tissue damage when applied at high concentrations.



## Scuba 300 Herbicide – Use Rates & Label Recommendations

SITUATION	WEEDS CONTROLLED	STATES	RATE/ha	CRITICAL COMMENTS
Waterways, non-potable water, drains, dam margins, lakes & streams	Water Hyacinth, Water Lettuce	NSW, Qld, WA, NT only	50 mL/10 L water	Knapsack spray. <b>Coverage:</b> 10 L spray solution/100 m <sup>2</sup> . Avoid causing submersion of sprayed plants.
			1 L/200 L water	Hand gun. <b>Coverage:</b> 200 L Spray solution/1000 m <sup>2</sup> . Avoid causing submersion of sprayed plants.
			1 L/20 L water	Sprinkler sprayer. <b>Coverage:</b> 20 L spray solution/1000 m <sup>2</sup> .
			5 L/200 L water/ha	Helicopter application. Raindrop D8 nozzles angled back at 45° to minimise spray drift.

### Use Rates IVM (Refer to the label for specific details.)

SITUATION	WEEDS CONTROLLED	STATES	RATE/ha	CRITICAL COMMENTS
Non-Crop and Pasture	Groundsel Bush	Qld, NSW only	10 L	Helicopter application. Raindrop D8 nozzles angles back at 45° to minimise spray drift. Apply in no less than 100 L/ha.
			100 mL/10 L water	Knapsack spray. Thorough and even coverage of the plant is necessary.
			1 L/10 L water	1 L/10 L water Sprinkler sprayer. <b>Coverage:</b> 1 L spray solution/100 m <sup>2</sup> .
			33 mL/L kerosene or mineral turpentine	<b>Basal bark spray:</b> Apply the mixture around the base of the stem to a height of 25 cm above the ground. Make sure all the stem to this height is well wetted. <b>Cut stump:</b> Cut the stem as close to the ground as possible and thoroughly wet the fresh cut stem with the mixture.
	Mother-of-Millions	Qld only	70 mL/10 L water	Knapsack spray. Thorough even coverage of leaves and plantlets is necessary.
			7 L/1000 L water	Hand Gun. Thorough even coverage of leaves and plantlets is necessary.
	Noogoora Burr, Bathurst Burr		3.3 L	Helicopter application or sprinkler sprayer.
	Castor Oil Plant		1 L/10 L kerosene	Apply as a basal bark treatment.
	Galvanised Burr, Chinese Celtis (Elm) seedlings		1 L/100 water	Apply as an overall spray on young plants when actively growing.
	Wild Tobacco Tree		1 L/40 L kerosene	Apply as a cut stump or basal bark when plant actively growing.
	Balloon Cotton, Datura (seedlings), <i>Sida Retusa</i> , Creeping Lantana, <i>Aeratum</i> spp., Fireweed		7 L/1000 L water	Apply as an overall spray when plants actively growing.
	Saffron Thistle		1 L/100 L water	Apply as an overall spray when plants actively growing.

## Maximising performance in Aquatic Situations

- > Refer to the label for full details on aquatic and terrestrial application.
- > Registered for emergent aquatic weed spraying by Knapsack spray, Hand gun, Sprinkler sprayer and Helicopter only.
- > Don't treat more than one-half body of water at a time (7 Days between retreating).
- > Target and tank water pH > 8 may lead to reduced effectiveness for the acid formulation. Add ProForce Monterey Aquatic Surfactant to reduce surface water pH.
- > Applied directly to water, direct spray onto aquatic weeds but not to the point of runoff.
- > To the extent possible, only treat plants in water bodies greater than 1m deep.