



ADAMA

2,4-D Amine 625

Dual salt, industrial vegetation management
and forestry friendly 2,4-D

Product Overview

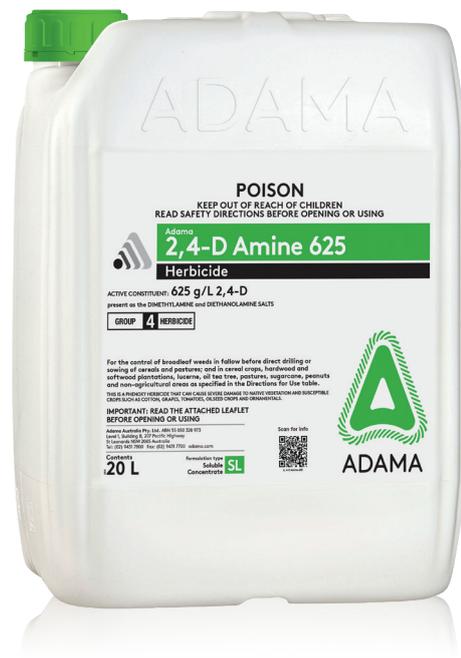
Adama 2,4-D Amine 625 is a Group 4 herbicide, containing 625 g/L of 2,4-D as dimethylamine and diethanolamine salts. It is specifically formulated to control a broad spectrum of broadleaf weeds in forestry and other industrial settings. With proven efficacy and versatile application options, this herbicide is ideal for aerial application in large-scale forestry operations.

GROUP 4 HERBICIDE

Mode of Action

Adama 2,4-D Amine 625 is a MOA Group 4 phenoxy herbicide, functioning as a synthetic auxin. It disrupts growth processes in susceptible plants, causing uncontrolled cell division and elongation. Symptoms typically appear within 1–3 days post-application and include:

- Leaf curling.
- Yellowing and browning.
- Plant desiccation within 7–14 days.



Applications

Forestry:

- Pre-Planting: a single pre-plant application, may be applied with glyphosate.
- Post-Planting: a maximum of 2 directed spray post-plant sprays within 2 years.

Industrial Vegetation Management (IVM):

- Rights of way and industrial areas as required using high volume spray.

Target weed species:

Broadleaf and woody weeds including but not limited to the following:

Groundsel, Pine Wildlings, Thistles, Hexham Scent, Hogweed, Spiny Emex, Mexican Poppy, Mustards, Paterson's Curse, Noogoora Burr, Wild Radish and Turnip Weed.

2,4-D Amine 625

At a glance

Effective Broadleaf Weed Control	Targets various broadleaf species in forestry management.
Versatile Applications	Suitable for aerial (helicopter only for forestry), boom, and knapsack spraying methods.
Optimized for Forestry	Effective post-emergent weed control, ensuring minimal competition for resources
Cost-Effective	Delivers high performance at economical rates.
Safe for Forestry Applications	Low risk when used according to label instructions, including specified buffer zones
Ideal for aerial application using helicopters	Adama 2,4-D Amine 625 is the first 2,4-D registration in the Australian forestry market with a drop height of 15m or less making it safer for aerial application by helicopter.

How to get the best from Adama 2,4-D Amine 625 in Forestry

- Adama 2,4-D Amine 625 is registered for ground or aerial application via helicopter in forestry situations.
- **Release Height:** Maintain a release height of **15 meters or lower** above the canopy to reduce spray drift.
- **Flying Speed:** Ensure a flying speed of 102 km/h (55 knots) or slower.
- **Droplet Size:** Not smaller than a VERY COARSE droplet. For Helicopter application, use Accu-Flo* nozzles with an orifice size of 0.020 or larger
- **Water Volume:** Ground: 30 - 120 L/ha
Aerial: 10 - 90 L/ha
- **Application Rates:** Use up to 1.6 L/ha
- **Mandatory Buffer Zones for Forestry use by Helicopter:**
 - Aquatic Areas: 75 meters when wind speed is 7–15 km/h; reduced to 35 meters at 3–7 km/h.
 - Vegetation Areas: Same as aquatic buffer zones.
 - Sensitive Areas: Avoid application near crops or native vegetation to minimize off-target effects.
- **Spray Drift Restraints:** Only spray when wind speeds are between **3 and 20 km/h**.
- Avoid spraying under temperature inversion conditions (common in early morning or evening).



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