

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Numchuk Quad

HERBICIDE

ACTIVE CONSTITUENT:

**350 g/L TERBUTHYLAZINE,
100 g/L GLYPHOSATE PRESENT AS THE ISOPROPYLAMINE SALT,
60 g/L AMITROLE, 15 g/L OXYFLUORFEN**

GROUP C | M | Q | G HERBICIDE

For the knockdown and residual control of annual, perennial and broadleaf weeds on fencelines, roadsides and railway lines and commercial and industrial areas as specified in the Directions for Use table.

IMPORTANT: READ THIS LEAFLET BEFORE OPENING OR USING



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Contents
1 L

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply by aircraft.

DO NOT apply to waterlogged soil.

DO NOT apply if heavy rains or storms that are likely to cause runoff are forecast within 3 days.

SPRAY DRIFT RESTRAINTS

DO NOT apply with spray droplets smaller than a COARSE spray droplet size category according to 'APVMA Compliance Instructions for Mandatory COARSE or Larger Droplet Size Categories' located under this title in the GENERAL INSTRUCTIONS section of this label.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour, as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site. Users of this product **MUST make an accurate written record** of the details of each spray application within 24 hours following application, and must **KEEP** this record for at least 2 years. The spray application details that must be recorded are: 1 date with start and finish times of application. 2 location address and paddock(s) sprayed. 3 full name of this product. 4 amount of product used per hectare and number of hectares applied to. 5 crop or situation and weed or pest. 6 wind speed and direction during application. 7 air temperature and relative humidity during application. 8 nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application. 9 name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used.)

MANDATORY NO-SPRAY ZONES

DO NOT apply if there are sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat within 25 metres downwind from the application area.

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers within 50 metres downwind from the application area.

Aquatic and wetland areas do not include:

- Artificial watercourses used exclusively for agricultural or ornamental purposes, such as irrigation channels, flood irrigation areas, farm dams, ornamental ponds, golf course dams etc.,
- Watercourses that are dry at the time of pesticide application; and
- Watercourses that are commonly identified as "puddles"

DIRECTIONS FOR USE

SITUATION	WEEDS	RATE	CRITICAL COMMENTS
Fencelines, roadside and railway lines	Most annual, perennial and broadleaf weeds	Boom Sprayer (including ATV) 20 L/ha	Provides knockdown control and residual control of most annual, perennial and broadleaf weeds for 8 – 12 months. Apply sufficient spray to obtain even coverage. Apply in spring or autumn when all weeds are actively growing, and while soil is moist. Do not apply under drought conditions. For best results add 120 mL/100 L tallow amine ethoxylate surfactant or other suitable wetting agent. Sufficient rainfall (20-30 mm) to wet the soil through the weed root zone is necessary within 2 to 3 weeks of application.
Commercial and Industrial areas including building lines, rights of way, roadsides, guideposts, powerlines and substations, aerodromes, public utilities and fencelines.	Most annual, perennial and broadleaf weeds	Handgun high pressure spraying 1.8 L /100 L or low pressure spraying 180 mL/10 L	For high pressure spraying apply 1100 L spray volume per ha. Apply sufficient spray to obtain even coverage. Apply in spring or autumn when all weeds are actively growing, and while soil is moist. Do not apply under drought conditions. For best results add 120 mL/100 L tallow amine ethoxylate surfactant or another suitable wetting agent.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

GENERAL INSTRUCTIONS

PROFORCE NUMCHUK QUAD Herbicide is a suspension concentrate formulation containing 4 active constituents which kill a range of standing weeds and emerging seedlings. Affected plants are discoloured and often growth is distorted. The product is absorbed through foliage and translocated throughout plants and the residual components absorbed through the roots.

Application should give 8-12 months effective weed control. Duration and effectiveness of control depends on the amount of chemical applied, soil type, rainfall, weed species and other conditions. Sufficient rainfall (20 to 30 mm either as rainfall or irrigation) to wet the soil through the weed root zone is necessary within 2-3 weeks of application to make the product effective. A delay in rainfall beyond 3 weeks may result in weeds germinating from depth and surviving. Heavy rainfall on light soils may cause movement of the herbicide out of the weed seed zone, resulting in reduced weed control.

RESISTANT WEEDS WARNING

PROFORCE NUMCHUK QUAD Herbicide is a member of the triazines (terbutylazine), glycines (glyphosate) diphenyl ether (oxyfluorfen), and triazole (amitrole) groups of herbicides. The product has the inhibitors of photosynthesis **GROUP C M Q G HERBICIDE** at photosystem II, inhibition of protoporphyrinogen oxidase, inhibition of EPSP synthase and inhibitors of carotenoid biosynthesis modes of action. For weed resistance management, the product is a Group C, Group M, Group Q and Group G herbicide. Some naturally occurring weed biotypes resistant to NUMCHUK QUAD and other Group C, Group M, Group Q and Group G herbicides may exist through normal genetic variability in any weed population. The resistant weeds can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by NUMCHUK QUAD Herbicide or other Group C, Group M, Group Q and Group G herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Indigo Specialty Products Pty Ltd accepts no liability for any losses that may result from the failure of PROFORCE NUMCHUK QUAD Herbicide to control resistant weed.

MIXING

DO NOT mix or load within 20 m of any well, dam, intermittent or perennial stream. Partially fill the spray tank with water and maintain agitation while adding the required quantity of NUMCHUK QUAD. Agitation should continue after filling and during spraying. If spray is allowed to stand, agitate thoroughly before resuming spraying.

COMPATIBILITY

Tank mixing with other products, except adjuvants, is not necessary.

APPLICATION

Hand Gun

Apply 1100 L spray volume per ha.

Boom Spray:

For medium volume spraying, apply through a spray boom calibrated to ensure even coverage. Apply by ground boom only in a minimum of 100 L/ha. Use spray nozzles suitable to prevent spray drift onto surrounding non-target vegetation.

Important Information

These instructions inform those using this chemical product how to lawfully comply with the requirement of a COARSE or larger spray droplet size category for spray application. Spray droplet size categories are defined in the ASAE S572 Standard (newer name may also be shown as ASABE) or the BCPC guideline. Nozzle manufacturers may refer to one or both of these documents, to identify droplet size categories; however, for a nozzle to comply with this requirement, the manufacturer must refer to at least one. **Complying with the label requirement to use a specific droplet size category means using the correct nozzle that will deliver that droplet size category under the spray operation conditions being used. The APVMA has approved only the following specific methods for choosing the correct nozzle. Use one of the methods specified in these instructions to select a correct nozzle to deliver a COARSE or larger droplet size category.**

USE ONLY nozzles that the nozzles' manufacturer has rated to deliver a COARSE, a VERY COARSE or an EXTREMELY COARSE droplet size category, as referenced in ASAE S572 or BCPC. Choose a nozzle that is specified to provide the droplet size category required in the label Spray Drift Restraints.

DO NOT use a higher spray system pressure than the maximum the manufacturer specifies for the selected nozzle to deliver the droplet size category required in the label Spray Drift Restraint.

Re-entry or Re-handling Statement

Do not enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Precautionary or Restriction Statements

Do not apply using spraying equipment carried on the back of the user.

Engineering Controls

Use only closed cab boomspray equipment, except for All Terrain Vehicles (ATV).

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with the product or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulation. Do not burn empty containers or product.

For refillable containers empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage.

SAFETY DIRECTIONS

Poisonous if inhaled or swallowed. May irritate the eyes. Avoid contact with eyes. Do not inhale spray mist. When opening the container and preparing spray, wear cotton overalls, over normal clothing, buttoned to the neck and wrist, elbow-length chemical resistant gloves, and a half face piece respirator. If applying by boomspray equipment (closed cab or ATV), wear cotton overalls, over normal clothing, buttoned to the neck and wrist. If applying by low pressure hand wand and high pressure hand wand, wear cotton overalls, over normal clothing, buttoned to the neck and wrist, elbow-length chemical resistant gloves and a half facepiece respirator. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, contaminated clothing and respirator, and if rubber wash with detergent and warm water.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126, New Zealand 0800 764 766.

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for PROFORCE NUMCHUK QUAD Herbicide is available from Indigo Specialty Products Pty Ltd on request.

CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of product contrary to label instructions, or under off-label permits not endorsed by Indigo Specialty Products Pty Ltd or under abnormal conditions. Indigo Specialty Products Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.



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