## CAUTION

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

# **Amigo 120 ME** PLANT GROWTH REGULATOR

### ACTIVE CONSTITUENT: 120 g/L TRINEXAPAC-ETHYL

For the reduction of Leaf and Stem growth of Grass species and as an aid to Turf management and as an aid in Winter grass management.



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Contents

### (ProForce Amigo 120 ME PLANT GROWTH REGULATOR

**STORAGE AND DISPOSAL:** Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to 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 delivery empty packaging for appropriate disposal 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 regulations. DO NOT bury empty containers or product.

SAFETY DIRECTIONS: Will irritate the eyes. Avoid contact with eyes. If product in eyes, wash it out immediately with water. When opening the container, preparing spray and using prepared spray, wear cotton overalls buttoned to the neck and wrist, elbow-length nitrile or PVC gloves, a washable hat and face shield or goggles. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

**FIRST AID:** If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone Australia 13 11 26, New Zealand 0800 764 766.

**SAFETY DATA SHEET:** Additional information is listed in the safety data sheet (SDS). A safety data sheet for ProForce AMIGO 120 ME Plant Growth Regulator is available from Indigo Specialty Products Pty Ltd on request.

#### Combustible liquid.

Keep away from flames and hot surfaces. No smoking. In case of fire: Use to extinguish:  $CO_2$ , powder or water spray. **May damage the unborn child. Suspected of damaging fertility.** Obtain special instructions before use. If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

**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.





Batch No.

Date of Manufacture

APVMA Approval No.: 89394/126228

FLAT SIZE: 332 MM WIDE X 448 MM DEEF

Grasses

Bahia Grass (Paspalum notatum) Suppression and Seedhead Control

AUTHORISED UNDER APPROPRIATE LEGISLATION.

Grasses

Bahia grass (Paspalum

notatum) suppression

and seedhead control

Winter Grass

Poa annua

Rate

/100m<sup>2</sup>

Rate

non-ionic surfactant (such as Agral)

4 to 10 mL

/ha

2 to 4 L plus 75

Liquid Turf

Herbicide plus

(such as Agral

Spray Adjuvant)

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS

DO NOT GRAZE TREATED TURF/LAWN, OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK.

mL/ha Monument

0.25 to 0.42% v/v

/ha

0.4 L to 1 L

Winter Grass (Poa annua) Management

Situation

Golf course fairways,

Situation

Common couch, Durban

grass, Hybrid couch,

Qld Blue couch, Zoysia

only in golf course long

roughs, lawns, median

WITHHOLDING PERIODS

strips, ovals, parks,

roadsides, general

grassed areas.

Golf course greens

**Critical Comments** 

Critical Comments

Apply during summer when Bahia grass

DO NOT apply more than 2 consecutive

seedheads in established couch areas.

Refer to Application section for detailed

applications of Monument Liquid per season

See instructions under Bahia grass (Paspalum

notatum) Management for control of Bahia Grass

Important: Refer to the Monument Liquid label for specific directions on mixing, avoiding spray drift, sprayer cleanup and protection of nontarget crops and the environment.

See instructions under Winter Grass (Poa annua) Management for

produces seedheads

information.

reduction of Poa annua swards in Bent Grass golf greens. See Golf course greens section above for application

recommendations

/100m<sup>2</sup>

20 to 40 mL plus

0.75 mL/100 m<sup>2</sup> of

0.25 to 0.42% v/v

non-ionic surfactant

Monument Liquid plus

## Ămigo 120 ME

#### INSECTICIDE

#### **DIRECTIONS FOR USE**

#### **Restraints:**

DO NOT apply to turf recovering from wear, renovation or turf affected by disease, waterlogging or other stresses. DO NOT use where growth regulatory effects are likely following the application of a fungicide or any other material. DO NOT apply to turf going into or coming out of dormancy. DO NOT apply if rainfall is expected within 1 hour, and DO NOT irrigate for at least 1 hour after application. DO NOT apply to Kentucky Bluegrass as damage may occur.

#### Turf Growth Management

	Grasses	Rate		
Situation		/ha	/100m <sup>2</sup>	Critical Comments
Golf course and bowling greens	Bent grass Bent Grass/ Winter Grass <i>(Poa annua)</i> mixed sward	0.2 to 1 L	2 to 10 mL	<ul> <li>Apply AMIG0 120 ME at least 6 hours before or after mowing and when turf is actively growing.</li> <li>Use the lower rates on turf with moderate growth rates where a lower level of growth reduction is required or when used in a program.</li> <li>Apply rates towards the highest end of the rate range when growth is vigorous or when longer periods of 4 to 6 weeks regulation are required.</li> <li>Application made to turf growing under cool conditions or to turf with low nutrient levels or where growth rates are low may result in discolouration.</li> <li>Well-maintained lawns and turf surfaces are those that receive at least weekly mowing and good levels of water and fertility are maintained.</li> <li>Refer to Application Section for detailed information.</li> </ul>
	Hybrid couch	0.15 to 0.6 L	1.5 to 6 mL	
Golf course fairways	Carpet grass Kikuyu	1.6 to 4 L	16 to 40 mL	
	Common couch	0.8 to 1.6 L	8 to 16 mL	
	Couch varieties: Greenlees Park, Santa Ana, Wintergreen	0.6 to 1.2 L	6 to 12 mL	
	Fescue, Perennial Ryegrass	1.6 to 3 L	16 to 30 mL	
Golf course short roughs, well-maintained lawns and turf surface	Bahia Grass, Bent grass, Fescue, Perennial Ryegrass	2 to 4 L	20 to 40 mL	
	Buffalo grass Common couch, Hybrid couch	1 to 2 L	10 to 20 mL	
	Kikuyu	1.6 to 6 L	16 to 60 mL	
Golf course long roughs, parks, ovals, lawns, general grassed areas	Bent Grass, Fescue, Perennial Ryegrass	2 to 6 L	20 to 60 mL	
	Buffalo Grass Common Couch, Hybrid couch	1 to 4 L	10 to 40 mL	
	Kikuyu	2 to 8 L	20 to 80 mL	
Bunker facing, path and garden edging, footpath and kerbside edging, fencelines, around trees.	Bent Grass, Common couch, Perennial Ryegrass	4 to 6 L	40 to 60 mL	Apply AMIGO 120 ME at least 6 hours before or after mowing and when turf is actively growing.
	Buffalo grass	4 L	40 mL	On difficult to mow areas apply AMIGO 120 ME to actively growing turf and mow 3 to 4 days after application. Apply in a strip about 25 to 50 cm wide.
	Couch varieties: Greenlees Park, Wintergreen, Santa Ana			
	Kikuyu	6 to 8 L	60 to 80 mL	Use the lowest rate of AMIGO 120 ME around bunker edges and the higher rates in the other situations.
				Application made to turf growing around cool conditions or to turf with low nutrient levels or where growth rates are low may result in discolouration.

#### .bnud.

and 3 bar pressure. Boom height should not exceed 50 cm above the coarse [Turbo Teejet or AIXR Teejet (11004 or 11005)] nozzles, at 8 km/h application volume should be 200 to 500 L/ha. For best results use

placement as uniformly as possible onto leaves and into crowns. Ideal Bahia Grass Suppression and Seedhead control: Ensure product .bnud.

hr and 3 bar pressure. Boom height should not exceed 50 cm above the coarse [Turbo Teejet\* or AIXR Teejet\* (11004 or 11005)' nozzles, at 8 km/ 500 L/ha. For best results use medium [XR Teejet\* (11004 to 11008)] to onto leaves and into crowns. Ideal application volume should be 200 to All Other Turf Areas: Ensure product placement as uniformly as possible not exceed 50 cm above the ground.

or 11005)] nozzles, at 5 km/hr and 3 bar pressure. Boom height should Teejet\* (11004 or 11005)] to coarse [Turbo Teejet\* or AIXR Teejet\* (11004 Volume should be 350 to 500 L/ha. For best results use medium [XR uniformly as possibly onto leaves and into crowns. Ideal application Golf Course and Bowling Greens: Ensure product placement as

 $m^2$  of turf. Preferably use flat fan nozzles and ensure even coverage is  $00\,\text{k}$  / 10 L of water / 100 M steen 2 and 10 L of water / 100 M Knapsack: It is important to apply the correct quantity of AMIGO 120

semulov notresilqqa.

μυραστική πεισαινείν οπ spray penetration and even coverage at iow

grass.

out spraying equipment, mixing and measuring utensils with water onto streams or storm water drains with concentrate or used container. Wash Dangerous to fish larvae and oysters. DO NOT contaminate dams, rivers, PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

until spray has dried.

until spray has dried. DO NOT allow the public to enter treated areas Re-entry Period: DO NOT enter treated areas, without protective clothing **PRECAUTIONS** 

#### the broadleaf weed herbicides.

and all of the set of to apply AMIGO 120 ME and the broadleaf weed herbicides separately, turf with herbicides ofher than those indicated above, it is recommended after application of a tank mix. For the treatment of broadleaf weeds in However, some transient discolouration of the treated turf may occur dicamba or MCPP/dicamba.

Bromoxynil, MCPP ester/bromoxynil/dicamba, MCPP/2,4-D amine/ 2,4-D amine, bromoxynil, MCPA/bromoxynil/dicamba, MCPA ester/ containing the following chemicals:

AMIGO 120 ME is compatible with some formulations of products For common Couch, Hybrid Couch, and Kikuyu turf grasses only:

control when tank mixing with Monument Liquid, use Agral (600 g al/L)

Non-ionic surfactants: For Bahia Grass suppression and seedhead

120 ME around other materials, test on a small scale basis first.

available from Indigo Specialty Products Pty Ltd on request. data sheet for ProForce AMIGO 120 ME Plant Growth Regulator is Ytəts A. (SDS) teacher data sheet vata sheet (SDS). A safety TEERS ATAD YTEERS

Telephone Australia 13 11 26, New Zealand 0800 764 766. If poisoning occurs, contact a doctor or Poisons Information Centre. **DIA TZAI** 

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product. Territory government regulations. DO NOT burn empty containers or vegetation and tree roots, in compliance with relevant local, State or marked and set up for this purpose clear of waterways, desirable packaging 500 mm below the surface in a disposal pit specifically an approved waste management facility is not available, bury the empty

for appropriate disposal to an approved waste management facility. If

return clean containers to recycler or designated collection point.

NOT store for prolonged periods in direct sunlight.

If not recycling, break, crush or puncture and delivery empty packaging

NOT dispose of undiluted chemicals on site. If recycling, replace cap and

Triple rinse containers before disposal. Add rinsings to spray tank. DO

Store in the closed, original container in a cool, well-ventilated area. DO

loss or damage arising from incorrect storage, handling or use. conditions. Indigo Specialty Products Pty Ltd accepts no liability for any not endorsed by Indigo Specialty Products Pty Ltd or under abnormal

use of product contrary to label instructions, or under off-label permits

accordance with directions under normal conditions of use. No warranty

and is reasonably fit for the purposes stated on the label when used in

Seller warrants that the product conforms to its chemical description

**CONDITIONS OF SALE:** 

or fitness for a particular purpose, express or implied, extends to the

(other than non-excludable statutory warranties) of merchantability

indigo

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APVMA Approval No.: 89394/126228

# **ANT GROWTH REGULATOR** OF CHILDREN IONS BEFORE OPENING OR USING **AUTION**

# **TRINEXAPAC-ETHYI** g/L TIVE CONSTITUENT: 120

growth of Grass species and as an aid to Turf the reduction of Leaf and Stem in Winter grass management.

THE LABEL ATTACHED TO THE CONTAINER. DRTANT: THIS LEAFLET IS PART OF 1 (g this product.

2015



**ABN 15** 6/163-11









ucts Pty Ltd

VSV lria more suppression is required. Areas treated with AMIGO 120 ME should continue to receive regular maintenance practises, including irrigation,

match growing conditions, management practices and the amount of growth regulation required by the turf manager.

Repeat applications can be made as soon as turf resumes growth or

fertilisation, and weed, disease and insect control where necessary, as

Different grasses vary in their sensitivity to AMIGO 120 ME. Since Poa

annua is more sensitive to AMIGO 120 ME than Bent grass, AMIGO 120

ME can be used to reduce the competitiveness of Poa annua in Bent

grass golf greens. AMIGO 120 ME can be integrated into existing Poa

growth suppression of Poa annua, but not Bent Grass) applied during

peak growth periods may enable slow transition in the golf green sward

composition away from Poa annua and towards a higher percentage of

annua control programs. Low rates of AMIGO 120 ME (that provide

mowing management leading up to application is required to achieve a good quality turf surface and to obtain the best results from AMIGO 120

ProForce AMIGO 120 ME Plant Growth Regulator should be applied to

actively growing turf, at least 6 hours before or after mowing. Good

**Growth Regulation** The recommended use rates are designed to give approximately a 20 to 50% reduction in clippings over a 2 to 6 week period. Full growth regulation by AMIGO 120 ME begins about 3 to 5 days after application. In practise, the amount of growth reduction achieved will vary between situations due to environmental conditions and management practices. Therefore, to some extent application rates will need to be adjusted to

Bahia Grass (Paspalum notatum) Management Different grasses vary in their sensitivity to AMIGO 120 ME and

Monument Liquid. Bahia Grass is very senstivie to the combination resulting in control of seedheads as well as vegetative growth suppression. Apply the combination as soon as seedheads start to form or when it becomes a regular mowing intervention issue, normally during October to January. Apply at 4 week intervals after mowing

#### Couch Overseeding

An application of AMIGO 120 ME to couch will enhance the establishment of cool season turf grasses. AMIGO 120 ME is foliarly absorbed, so germination and seedling growth is not affected. Apply AMIGO 120 ME before verticutting, scalping, spiking or other similar operations to the couch. Apply AMIGO 120 ME 1 to 5 days before seeding.

#### Mixing

AMIGO 120 ME is a micro-emulsion concentrate (ME) with minimal odour, as the product does not contain petroleum solvents. AMIGO 120 ME mixes completely with water and may be tank mixed with many commonly used fungicides and liquid fertilisers. Add the required quantity of AMIGO 120 ME directly to a spray tank containing 2/3 (two thirds) of the required volume. Add the rest of the water and ensure the mix is thoroughly agitated before application.

AMIGO 120 ME can be tank mixed with Heritage MAXX Turf Fungicide, Banner MAXX Turf Fungicide, Daconil Weather Stik Turf Fungicide and Monument Liquid.

higher cut turf (>15 mm) a significant spray shielding effect can occur, and even coverage of the turf leaves and penetration to the crowns. In fan nozzles. Application volume should be adequate to ensure thorough the state of the s overlapping sprays.

Ensure even application in order to achieve even growth reduction. Avoid

Application

Concrete, granite, marble or other types of stone. Before using AMIGO

Application Near and Around Monuments and Hardscape Materials. formulations) at 0.25% v/v or 250 mL/100 L spray mix. at .042% v/v or 420 mL/100 L spray mix. Use surfactants (1000 g ai/L

GENERAL INSTRUCTIONS

recommended for quality turf.

Bent grass

Winter Grass (Poa annua) Management

AMIGO 120 ME at normal dilution rates, will not stain brass, bronze,