



Onset 10 GR

HERBICIDE

DIRECTIONS FOR USE

Restraints

- DO NOT apply to turf under stress.
- DO NOT apply to golf course putting greens or bowling greens.
- DO NOT apply to newly seeded, sodded or sprigged turf. Delay application until turf is at 100% cover and root system is developed beyond a 3 cm depth.
- DO NOT apply if heavy rains or storms are forecast within 3 days.
- DO NOT apply under conditions which will cause granule movement from the treatment area.
- DO NOT apply to waterlogged soil.
- DO NOT irrigate to the point of runoff from the treated area for at least 3 days after application.
- DO NOT apply to turf which is not well established.

SITUATION	WEEDS	RATE	CRITICAL COMMENTS
Established turf Bahia Grass (<i>Paspalum notatum</i>), Buffalo Grass (<i>Stenotaphrum secundatum</i>), Carpet Grass (<i>Axonopus affinis</i> , <i>Axonopus compressus</i>), Common Couch (<i>Cynodon dactylon</i>), Hybrid Couch (<i>Cynodon dactylon</i> x <i>Cynodon transvaalensis</i>), Kikuyu (<i>Pennisetum clandestinum</i>), Old Blue Couch (<i>Digitaria didactyla</i>), Seashore Paspalum (<i>Paspalum vaginatum</i>), Zoysia (<i>Zoysia japonica</i> , <i>Zoysia matrella</i>)	Barnyard Grass (<i>Echinochloa crus-galli</i>), Crab Grass (<i>Digitaria sanguinalis</i>), Parramatta Grass (<i>Sporobolus africana</i>), Rat's Tail Fescue (<i>Vulpia myuros</i>), Summer Grass (<i>Digitaria sanguinalis</i>)	50 – 150 kg/ha	Apply prior to weed emergence in early spring for residual control of up to 6 months. Weed control in turf is most effective when ONSET 10 GR is activated by at least 6 mm of rainfall or irrigation before weed seeds germinate and within 7 days after application. A repeat application (3 to 4 months after initial application) may be needed if lower rates are used in high weed pressure situations or during extended germination periods due to environmental conditions.
	Crowsfoot Grass (<i>Eleusine indica</i>)		Apply prior to weed emergence in early spring. For residual control of up to 4 months use 50 to 100 kg/ha. For residual control of up to 6 months use 100 to 150 kg/ha. Weed control in turf is most effective when ONSET 10 GR is activated by at least 6 mm of rainfall or irrigation before weed seeds germinate and within 7 days after application. A repeat application (3 to 4 months after initial application) may be needed if lower rates are used in high weed pressure situations or during extended germination periods due to environmental conditions. Note: Crowsfoot Grass germinates later than Crab Grass and/or Summer Grass. In situations with multiple weeds present use higher rates to ensure adequate residual control.
	African Lovegrass (<i>Eragrostis curvula</i>), Bahia Grass (<i>Paspalum notatum</i>), Kentucky Blue Grass (<i>Poa patensis</i>)	100 to 150 kg/ha	Apply prior to weed emergence in early spring. Residual control of up to 6 months. Weed control in turf is most effective when ONSET 10 GR is activated by at least 6 mm of rainfall or irrigation before weed seeds germinate and within 7 days after application.
	Paspalum (<i>Paspalum dilatatum</i>)	100 – 200 kg/ha	A repeat application (3 to 4 months after initial application) may be needed if lower rates are used in high weed pressure situations or during extended germination periods due to environmental conditions.

SITUATION	WEEDS	RATE	CRITICAL COMMENTS
Established turf Bahia Grass (<i>Paspalum notatum</i>), Buffalo Grass (<i>Stenotaphrum secundatum</i>), Carpet Grass (<i>Axonopus affinis</i> , <i>Axonopus compressus</i>), Common Couch (<i>Cynodon dactylon</i>), Hybrid Couch (<i>Cynodon dactylon</i> x <i>Cynodon transvaalensis</i>), Kikuyu (<i>Pennisetum clandestinum</i>), Old Blue Couch (<i>Digitaria didactyla</i>), Seashore Paspalum (<i>Paspalum vaginatum</i>), Zoysia (<i>Zoysia japonica</i> , <i>Zoysia matrella</i>)	Winter Grass (<i>Poa annua</i>)	50 – 100 kg/ha	In the absence of emerged <i>Poa annua</i> apply in late summer early Autumn. Weed control in turf is most effective when ONSET 10 GR is activated by at least 6 mm of rainfall or irrigation before weed seeds germinate and within 7 days after application. A repeat application (3 to 4 months after initial application) may be needed if lower rates are used in high weed pressure situations or during extended germination periods due to environmental conditions.
		200 kg/ha	In areas where post-emergent herbicides for <i>Poa annua</i> control may pose a high risk of tracking or off site damage (ie greens surrounds, slopes on high side of greens, etc) Apply prior to weed emergence in late summer to early autumn for residual control of up to 6 months. Weed control in turf is most effective when ONSET 10 GR is activated by at least 6 mm of rainfall or irrigation before weed seeds germinate and within 7 days after application. A repeat application (3 to 4 months after initial application) may be needed in high weed pressure situations or during extended germination periods due to environmental conditions.

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

WITHHOLDING PERIOD

DO NOT graze treated turf or lawn; or feed turf or lawn clippings from any treated area to poultry or livestock.

GENERAL INSTRUCTIONS

ProForce ONSET 10 GR Herbicide is a selective pre-emergent herbicide that provides residual control of weeds in established turf. ONSET 10 GR controls susceptible weeds by interfering with cell division in the root tips of newly germinated weeds. ONSET 10 GR is safe to use on established turf species listed in the Directions for Use. In the case of Bahia Grass, ONSET 10 GR will be safe to use on existing turf swards where established Bahia Grass plants can be tolerated or are desirable. ONSET 10 GR will only control newly germinating seed of Bahia Grass after it has been treated. Weed control in turf is most effective when ONSET 10 GR is activated by at least 6 mm of rainfall or irrigation before weed seeds germinate and within 7 days after application.

APPLICATION

Apply using a properly calibrated granular spreader which will apply the granules in a uniform pattern. Uniform application is essential for satisfactory weed control. Calibrate the applicator prior to use according to the manufacturer's instructions, and check applicator frequently to ensure the equipment is working properly. Application of ONSET 10 GR Herbicide in a granular form, will minimise drift, provide ease of application, add beneficial nutrients to the turf system and minimise exposure to the product to applicators and/or the general public.

CONDITIONS OF SALE: Seller warrants that the product conforms to its chemical description and its 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) or 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.

SDS Additional information is listed in the safety data sheet (SDS). A safety data sheet for ProForce ONSET 10 GR Herbicide is available from Indigo Specialty Products Pty Ltd on request.

FIRST AID First aid is not generally required. If in doubt, contact a Poisons Information Centre (phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

SAFETY DIRECTIONS Will irritate the eyes. Avoid contact with eyes & skin. When opening the container and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and guntlet-length chemical resistant gloves. If dust is present, wear goggles and a disposable dust face mask, covering mouth and nose. If product in eyes wash it out immediately with water. Wash hands after use. After each day's use wash gloves, goggles and contaminated clothing.

HDPE containers: Triple-rinse containers before disposal. Dispose of rinsate or any undiluted chemical according to state/territory legislative requirements. 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 regulations. Do not burn empty containers or product.

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Do not store with seed, feed, foodstuffs, insecticides, fungicides or other fertilisers.
HDPE Bags: Shake bag empty into applicator. Do not dispose of unused product on site. 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 regulations. Do not burn empty containers or product.

STORAGE AND DISPOSAL

Replanting interval

DO NOT replant any crop, ornamentals or overseed with cool season grasses for winter cover to treated areas for a period of 6 months after application.

Resistant Weeds Warning

ProForce ONSET 10 GR Herbicide is a member of the dinitroaniline group of herbicides and has the inhibition of microtubule assembly mode of action. For weed resistance management this product is a Group 3 herbicide. Some naturally occurring weed biotypes resistant to ONSET 10 GR and other Group 3 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by ONSET 10 GR or other Group 3 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 ONSET 10 GR to control the resistant weeds. Advice as to strategies and alternative treatments that can be used should be obtained from your local supplier, consultant, local Department of Agriculture, Primary Industries Department or a Indigo Specialty Products representative.

Integrated Pest Management

The possible effects of ONSET 10 GR on integrated pest management (IPM) strategies in the turf industry have not been studied at the proposed rates. However, based on available information, it cannot be ruled out that ONSET 10 GR may have an adverse effect on non-target beneficial turfgrass invertebrates where such IPM is practised.


PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply or drain or flush equipment on or near native or non-target trees or other plants or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers. To protect birds and wild mammals, remove spillages.

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



ProForce
Onset 10 GR
HERBICIDE

ACTIVE CONSTITUENT: 10 g/kg PRODIAMINE

GROUP 3 HERBICIDE

For pre-emergent control of weeds in established turf as specified in the Directions for Use table.

IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

Indigo Specialty Products Pty Ltd
ABN 15 631 459 660
3/49 Donaldson Road, Rocklea QLD 4106

indigo
SPECIALTY PRODUCTS

Indigo Specialty Products ABN 15 631 459 660
3/49 Donaldson Road, Rocklea QLD 4106
Ph: 0402 735 887

APVMA Approval No.: 89917/133384