

CAUTION

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

Smart Florasulam 200 WG

HERBICIDE

ACTIVE CONSTITUENT: 200g/kg FLORASULAM

GROUP **2** HERBICIDE

For the control of certain Broadleaf weeds in Barley, Triticale and Wheat when tank-mixed with Smart Ester 680 Herbicide as specified in the Directions for Use Table.

**IMPORTANT:
READ THE ATTACHED BOOKLET BEFORE
USING THIS PRODUCT**

Batch Number:

Date of Manufacture:

Scan QR Code to
access SDS
on mobile device



APVMA Approval Number: 91021/130755

Crop Smart
better crop protection

Crop Smart Pty. Ltd
ACN 093 927 961
2409/4 Daydream Street, Warriewood NSW 2102
Tel: 1300 783 481 Fax: 1300 783 491

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CONTENTS: 10g - 10kg

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WITHHOLDING PERIODS:

HARVEST WITHHOLDING PERIOD

BARLEY, TRITICALE and WHEAT: NOT REQUIRED WHEN USED AS DIRECTED.

When using Smart FLORASULAM 200WG Herbicide in a tank mix with another product, observe whichever product Harvest Withholding Period is the longer.

GRAZING WITHHOLDING PERIOD

DO NOT GRAZE OR CUT TREATED CROPS FOR STOCK FEED FOR 7 DAYS AFTER APPLICATION.

When using Smart FLORASULAM 200WG Herbicide in a tank mix with another product, observe whichever product Stockfeed Withholding Period is the longer.

RESISTANCE WARNING:

GROUP	2	HERBICIDE
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Smart FLORASULAM 200 WG Herbicide is a broadleaf herbicide and is a member of the Triazolopyrimidine sulfonanilide (sulfonamide) group of herbicides. The product has the acetolactate synthase (ALS) inhibitor mode of action. For weed resistance management the product is a Group 2 herbicide. Some naturally occurring weed biotypes resistant to the product and other Group 2 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 this product or other Group 2 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, CROP SMART Pty Ltd accepts no liability for any losses that may result from the failure of the product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant or local Department of Agriculture.

Smart FLORASULAM 200 WG Herbicide is a broadleaf herbicide with no grass weed activity and exerts no selection pressure on annual ryegrass

PRECAUTIONS

Do not allow entry into treated areas until the spray has dried. If prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment that may cause spray drift onto nearby susceptible plants/crops, cropping lands or pastures. Avoid spray drift onto susceptible crops such as cotton, tobacco, tomatoes, vines, fruit trees, vegetables, legume crops and pastures, oilseed crops and susceptible trees (e.g. Kurrajongs, Belahs, Eucalyptus).

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

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 deliver 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 burn empty containers or product.

SAFETY DIRECTIONS:

May irritate the skin, will irritate the eyes. Avoid contact with eyes and skin. When using together with other products, consult their label safety directions. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID INSTRUCTIONS:

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

RESTRAINTS

DO NOT apply by aerial equipment.

DO NOT apply to crops or weeds which may be stressed due to prolonged periods of extreme cold, sustained high temperature within 48 hours of application, moisture stress (water-logging or drought), nutritional stress, root disease or previous herbicide treatments, as crop damage or reduced levels of control may result.

DO NOT apply if rain is likely to occur within three hours or if heavy rainfall that is likely to produce runoff is forecast within 48 hours.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift.

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone tables below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 km/h at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- spray droplets are not smaller than a COARSE spray droplet size category
- minimum distances between the application site and downwind sensitive areas are observed. See "Mandatory Downwind Buffer Zones" section of the following table titled "Buffer Zones for Boom Sprayers" -

BUFFER ZONES FOR BOOM SPRAYERS

Application Rate	Boom Height above target canopy	Mandatory Downwind Buffer Zones	
		Natural aquatic areas	Vegetation areas
Up to maximum label rate when mixed with 360mL Smart Ester 680.	0.5 m or lower	25 m	40 m
	1.0 m or lower	55 m	110 m

DIRECTIONS FOR USE

TABLE 1. CROP GROWTH STAGE

Refer to Table 2 below for weeds controlled/suppressed, application rates and other recommendations

PRODUCT RATE	CROP GROWTH STAGE	STATES
19 – 25 g/ha	Five-leaf stage – second node detectable (Z15 – Z32)	NSW, QLD
	Five-leaf stage – flag leaf just visible (Z15 – Z37)	ACT, SA, Tas, Vic, WA
19 g/ha	As above. When using Smart FLORASULAM 200 WG in a tank mix with a Climbing buckwheat herbicide, do not apply outside the recommended application window for the tank mix partner.	

CROPS	WEED	WEED STAGE	Time of Application	RATE	CRITICAL COMMENTS
Wheat, barley, triticale	Climbing buckwheat/ Black bindweed (<i>Fallopia convolvulus</i>) variegated thistle (<i>Silybum marianum</i>) Control NNSW and Qld only	Up to 6 leaf stage	Apply as a Tank mix with Smart Ester 680 Herbicide	19g/ha plus 260mL Smart Ester 680 plus Smart Up Spray Oil at 500 mL/100L water (0.5% v/v) plus Registered Climbing buckwheat product	At the time of application, weeds must be actively growing under conditions of good soil moisture. To control Climbing buckwheat, tank mix Smart FLORASULAM 200WG Herbicide and Smart Ester 680 Herbicide with a registered Climbing buckwheat herbicide.
	Turnip weed (<i>Rapistrum rugosum</i>) Volunteer chickpea (<i>Cicer arietinum</i>) Volunteer faba bean (<i>Vicia faba</i>) NNSW and Qld only	Up to 4 leaf stage and not more than 100mm in diameter/ height	Apply as a Tank mix with Smart Ester 680 Herbicide	19g/ha plus 260mL Smart Ester 680 plus Smart Up Spray Oil at 500 mL/100L water (0.5% v/v)	Apply to actively growing weeds. Best results are usually achieved when the majority of weeds are small (<4 leaf) Some regrowth can occur when above average spring rainfall occurs.

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

GENERAL INSTRUCTIONS

MIXING

Smart FLORASULAM 200 WG Herbicide is a Water Dispersible Granule (WG) formulation. Mix in the following order:

- Half fill the spray tank, maintaining agitation, then:
- Add **Smart FLORASULAM 200 WG Herbicide**
- Add **Smart 680 Ester Herbicide**
- Add **Smart Up Spray Oil**
- Add water to bring to the final spray volume.

- Maintain agitation at all times

APPLICATION

DO NOT apply by aerial equipment. Apply **Smart FLORASULAM 200 WG Herbicide** only via ground application using coarse spray droplets. Only apply **Smart FLORASULAM 200 WG Herbicide** using an accurately calibrated spray rig in a water volume of 80-100 L/ha.

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.

APPLICATION CHECKLIST:

- Ensure sprayer is cleared/decontaminated before commencing
- Inform your neighbours prior to spraying
- Ensure sprayer is set-up correctly for the particular application
- Check - Boom calibration – at nozzle
- Nozzle choice – low drift/correct spray quality – coarse to very coarse droplet
- Suitable boom height
- Speed for intended application
- You must check, determine and record the weather conditions immediately prior to, and immediately after the spray application is made.
- Record - Temperature
- Relative humidity
- Delta T
- Wind speed (min 3 km/h, max 15 km/h)
- Is there a temperature inversion?
- Night Spraying – Extra care is required to ensure that inversion conditions are not present. Use a smoke generator to determine wind direction and presence of inversion conditions.

COMPATIBILITY

Smart FLORASULAM 200 WG Herbicide is compatible with the following:

Broadleaf Herbicides: Smart MCPA Amine 750, Smart MCPA LVE 570, Smart Dicamba 500 Smart 2,4-D Amine 625, Zulu® Evo, Zulu 300, Amicide® Advance 700, Flagship®, Hotshot®. **Adjuvants:** Smart Up Spray Oil (500 mL/100 L water).

CLEANING SPRAY EQUIPMENT

After using **Smart FLORASULAM 200 WG Herbicide**, empty the tank completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain the tank and clean any tank, pump, line and nozzle filters.

Partial Cleaning (Rinse only) – before using rig to spray barley, triticale and wheat):

After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles. Drain and repeat procedure twice.

Complete Cleaning (Decontamination) – before using rig to spray crops that are susceptible to

Smart FLORASULAM 200 WG Herbicide

- After cleaning the tank as above, quarter fill the tank with clean water and add a liquid alkali detergent at 500 mL/100 L water and circulate throughout the system for at least fifteen minutes. **Note:** Chlorine – based cleaners are NOT recommended.
- Drain the whole system. Then remove filters and nozzles and clean separately.
- Finally, rinse inside the tank thoroughly using a pressure hose and flush system with clean water and allow to drain.

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants

and their roots and watercourses.

CROP SAFETY

While grain yields are unaffected, slight transient yellowing and growth retardation may occur in some conditions.

Crop recovery is usually rapid, but may be slower if crops are stressed due to prolonged periods of extreme cold, moisture stress (water-logging or drought), nutritional stress, root disease, or previous herbicide treatment. Only apply **Smart FLORASULAM 200 WG Herbicide** at the recommended crop growth stages as per the guidelines in Table 1.

ROTATIONAL CROPS

Susceptible winter crops may be sown the year following application. Susceptible crops include: chickpeas, faba beans, field peas, lentils and lupins or pastures with a lucerne, medic or clover component. Please contact your local Crop Smart Pty Ltd representative before planting a summer crop following use of **Smart FLORASULAM 200 WG Herbicide**.



ADDITIONAL GHS STATEMENT

Causes serious eye irritation. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Do not breathe dust/fume. May cause damage to organs through prolonged or repeated exposure. May cause cancer.

IF exposed or concerned: Get medical advice/attention.

**IN AN EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE**

**EMERGENCY CONTACT CHEMWATCH
1800 951 288
AUSTRALIA WIDE, 24 HOURS**

