

# CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

TITAN

# Flamprop 90

## Herbicide

ACTIVE CONSTITUENT: 90g/L FLAMPROP-M-METHYL

SOLVENT: 676g/L LIQUID HYDROCARBON

GROUP **Z** HERBICIDE

A selective herbicide for the control of wild oats (black oats) by post-emergence treatment in wheat and triticale and selective spray topping of wild oats in wheat only as specified in the Directions for Use.

**IMPORTANT: READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.**

APVMA Approval No.: 82126/105057

Contents: 20L



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IN A TRANSPORT EMERGENCY

**DIAL 000**

POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING  
NOT A DANGEROUS GOOD  
ACCORDING TO THE AUSTRALIAN  
DANGEROUS GOODS (ADG) CODE  
FOR TRANSPORT BY ROAD AND RAIL.

## DIRECTIONS FOR USE

### Restrains

DO NOT spray if plants are stressed or likely to be stressed by dry or cold weather, waterlogging, crop disease or soil nutrient deficiencies such as zinc.

DO NOT apply if rain is likely within 4 hours.

DO NOT apply to crops which have been grazed.

DO NOT apply TITAN Flamprop 90 Herbicide more than once per season.

CROPS	WEED	RATE	CRITICAL COMMENTS
Wheat, Triticale	Wild Oats (black oats)	2.5L/ha	<b>Before using this product consult the latest TITAN AG varietal safety guide.</b> Apply MATAVEN 90 when the majority of Wild Oats (black oats) are at the three-leaf to the end of tillering stages (Z30). DO NOT apply to the crop later than the beginning of jointing. MATAVEN 90 should only be applied to healthy crops. Wild Oat (black oat) plants suffering from stress before or after application will not be controlled (killed) as readily as actively growing plants. Stress in the wild oat (black oat) and the crop can be caused by lack of moisture or nutrients, or by frost, waterlogging or (crop) disease. DO NOT use a wetting agent with TITAN Flamprop 90 Herbicide, or with TITAN Flamprop 90 Herbicide/Chlorsulfuron mixtures.
Wheat	Wild Oats (black oats): Selective spray topping	1.25 to 1.875L/ha plus Paraffin oil adjuvant at 500mL per 100 L water	<b>Before using this product consult the latest TITAN AG varietal safety guide.</b> Apply MATAVEN 90 when the majority of Wild Oats are at stem elongation to booting (Z30 to Z40), preferably when 20% of tillers have begun to elongate (Z31). Monitor Wild Oat development to ensure application at the correct timing. Use the higher rate where weed pressure is high, crop competition is poor or growing conditions are less than optimal, as secondary tillering and heads may develop. DO NOT apply later than flag leaf stage (Z40) of the crop. Later applications may cause crop injury.

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

### WITHHOLDING PERIODS

**HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.**

**DO NOT GRAZE OR CUT FOR STOCK FOOD FOR SIX WEEKS AFTER APPLICATION.**

### GENERAL INSTRUCTIONS

Before using this product consult the latest TITAN AG varietal safety guide.

Avoid spray drift; do NOT use in high wind. TITAN Flamprop 90 Herbicide will not injure the crop where slight overlapping of treatment occurs.

Increased row spacing or a sparse, thin crop may result in less effective Wild Oats (black oats) control due to decreased competition. On irrigated crops, apply TITAN Flamprop 90 Herbicide when crop and Wild Oats (black oats) are actively growing (usually 7-10 days after irrigation).

Where dense upright growth of Wild Oats (black oats) occurs, spray coverage may be insufficient to gain adequate control. Under stress conditions a transitory yellowing of the sprayed crop may be noticed.

Use of TITAN Flamprop 90 Herbicide for selective spray topping is aimed at reducing the weed seed bank and managing future weed populations. For more information, refer to the product information brochure and the product information bulletin.

### METHOD OF APPLICATION

TITAN Flamprop 90 Herbicide may be applied by a ground boom sprayer or from aircraft. Wash spraying equipment out thoroughly with water and a detergent such as Teepol<sup>®</sup> all purpose Detergent. Spray out, calibrate and set boom (on ground rig) at the correct height before adding the chemical.

**(i) Mixing:** For ground application, measure out required quantity of TITAN Flamprop 90 Herbicide and add to the required volume of water in the spray tank. Agitate water or stir with a clean rod while adding TITAN Flamprop 90 Herbicide. For aerial application, partly fill the aircraft hopper with water, add the required quantity of TITAN Flamprop 90 Herbicide and top-up to required volume. Where TITAN Flamprop 90 Herbicide is pre-mixed before addition to the aircraft hopper, the spray mixture should be agitated prior to being pumped into the aircraft.

### **(ii) Application:**

**Ground Application:** Calculate the area to be sprayed with the tank load and add the correct amount of product to the water in the spray tank. Apply TITAN Flamprop 90 Herbicide at spray volumes of 30-100 litres per hectare with spray equipment producing MEDIUM spray droplets according to the ASAE S572 for standard nozzles.

**Aerial Application:** Any fixed-wing aircraft, properly calibrated, may be used to apply TITAN Flamprop 90 Herbicide. Apply TITAN Flamprop 90 Herbicide at spray volumes of 20-30 litres per hectare preferably 30 litres with spray equipment producing MEDIUM spray droplets according to the ASAE S572 for standard nozzles.

### RESISTANT WEEDS WARNING

TITAN Flamprop 90 Herbicide is a member of the 

GROUP	<b>Z</b>	HERBICIDE
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 diverse action site group of herbicides. TITAN Flamprop 90 Herbicide has the inhibition of cell elongation mode of action. For weed resistance management, TITAN Flamprop 90 Herbicide is a Group Z herbicide. Some naturally-occurring weed biotypes resistant to TITAN Flamprop 90 Herbicide may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if this herbicide is used repeatedly. These resistant weeds will not be controlled by TITAN Flamprop 90 Herbicide.

Since the occurrence of resistant weeds is difficult to detect prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of TITAN Flamprop 90 Herbicide to control resistant weeds.

### COMPATIBILITY

TITAN Flamprop 90 Herbicide can be mixed with Glean but should not be mixed with any other chemical.

DO NOT apply 2, 4-D, MCPA or other phenoxyacetic acid type herbicides within 10 days before or after the application of TITAN Flamprop 90 Herbicide.

TITAN Flamprop 90 Herbicide is compatible with adjuvants, Bonza and Uptake. DO NOT allow TITAN Flamprop 90 Herbicide and oil mixtures to stand for prolonged periods before application.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

TITAN Flamprop 90 Herbicide can cause damage to oats, barley, linseed and canola through spray drift. TITAN Flamprop 90 Herbicide can reduce crop height in selective spray topping use but yield will not be adversely affected. DO NOT apply under weather conditions, or from spraying equipment, which may cause spray drift onto nearby susceptible plants/crops, cropping lands or pasture.

## PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways, with the chemical or used container.

## STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Protect product from frost. Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

## SAFETY DIRECTIONS

Harmful if swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, do not induce vomiting. Give a glass of water.

## SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Flamprop 90 Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit [www.titanag.com.au](http://www.titanag.com.au)

**CONDITIONS OF SALE:** TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Combustible liquid. Repeated exposure may cause skin dryness or cracking. Harmful if swallowed. Precautionary: Keep out of reach of children. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Do not get in eyes, on skin, or on clothing. Wash contacted areas thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Wash with plenty of soap and water. IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. In case of fire, use carbon dioxide, dry chemical, foam, water fog. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool. Dispose of contents and containers as specified on the registered label.

