



ADAMA

## Palmero® TX herbicide

### Product overview

Palmero® TX is a unique pre-emergence herbicide that offers extended broad-spectrum control of grass and broadleaf weeds in fallow, or in chickpeas when applied prior to sowing (IBS) or post-sowing pre-emergent (PSPE). Based on two highly effective active ingredients, Palmero TX controls or suppresses 42 grass and broadleaf weeds, including Flaxleaf Fleabane, Barnyard Grass and Feathertop Rhodes Grass (including glyphosate-resistant strains).

### Mode of action

**GROUP 5 | 27 HERBICIDE**

Palmero TX contains 75 g/kg isoxaflutole + 750 g/kg terbuthylazine in a water dispersible granule (WG) formulation. Isoxaflutole has the HPPD (4-hydroxyphenyl pyruvate dioxygenase) mode of action, which inhibits the HPPD enzyme within weeds. Terbuthylazine has the inhibitor of photosynthesis at photosystem II mode of action. Both active ingredients interfere with the photosynthetic process within target weeds and ultimately cause plant death.

### At a glance

#### Two modes of action

Palmero TX combines Group 27 and Group 5 modes of action for improved efficacy, spectrum and resistance management.

#### Broad spectrum

Palmero TX has excellent efficacy against hard-to-control grass and broadleaf weeds, including Flaxleaf Fleabane, Barnyard Grass and Feathertop Rhodes Grass (including glyphosate-resistant strains).

#### Long incorporation window

Palmero TX has a long incorporation window, ensuring application flexibility.

#### Longer period of activity

Palmero TX is activated by moisture and has the ability to reactivate following rainfall after dry periods, allowing one treatment to remain active against weeds for longer.

#### Unique co-formulation

Palmero TX is a unique co-formulation that provides convenience and reduced costs compared with common tank-mixes.



HERBICIDE

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## Use recommendations – chickpeas

**IBS:** 1 kg/ha (for the control/suppression of a range of weeds as per the product label) Palmero TX can be applied up to a week before sowing. Use press wheels to avoid dragging treated soil back into the seed furrow.

**PSPE:** 700 g to 1 kg/ha (for the control/suppression of a range of weeds as per the product label). 1 kg/ha plus Spinnaker® 700 WG at 20 g/ha (As above plus suppression of Black Bindweed/Climbing Buckwheat. Apply Palmero TX within 2 days of sowing to soil left relatively flat by the sowing operation.

## Use recommendations – fallow

**Pre-emergent:** 700 g to 1 kg/ha (for the control/suppression of a range of weeds as per the product label). Apply Palmero TX to moist soil or when rain is imminent and prior to germination of weeds. If significant numbers of weeds are present, cultivate or apply a knockdown herbicide prior to applying Palmero TX.

## Restrictions

DO NOT apply more than one application of Palmero TX in a 12-month period.

## Weeds controlled/suppressed

Annual Ryegrass <sup>a</sup>	Dinebra Grass	Prickly Lettuce
Annual Saltbush	Doublegee/Spiny Emex <sup>a</sup>	Red Pigweed
Awnless Barnyard Grass	Dwarf Amaranth	Shepherd's Purse
Bell Vine <sup>a</sup>	Feathertop Rhodes Grass	Sowthistle/Milk Thistle
Black Bindweed/Climbing Buckwheat <sup>b</sup>	Flaxleaf Fleabane	Toad Rush
Bladder Ketmia <sup>a</sup>	Fumitory <sup>a</sup>	Turnip Weed
Burr Medic	Indian Hedge Mustard	Wild Carrot <sup>a</sup>
Caltrop/Yellow Vine	London Rocket	Wild Gooseberry
Capeweed	Long Haired Poppy	Wild Oats <sup>a</sup>
Clammy Goosefoot	Marshmallow	Wild Radish
Common Cotula	Medic	Wild Turnip
Corn Gromwell	Mint Weed	Wireweed/Hogweed
Crassula	Ox Tongue	
Deadnettle	Phalaris <sup>a</sup>	

<sup>a</sup>Suppression only. <sup>b</sup>Suppression only when mixed with Spinnaker® 700 WG. Refer to the label directions for full recommendations on application rates, weeds and use situations.

## Crop rotation recommendations

Crop	Minimum re-cropping Interval	Minimum rainfall requirement <sup>#</sup>
Wheat, Barley, Oats	6 months	100 mm
Canola	9 months	350 mm
Faba Beans, Field Peas	9 months	250 mm
Lentils, Clover	21 months	500 mm
Lucerne	9 months	350 mm
Medic	21 months	500 mm
Maize	6 months	100 mm
Mung Beans, Sorghum, Soybeans, Sunflowers	7 months	250 mm
Cotton	7 months	350 mm

<sup>#</sup>Minimum total rainfall from application of Palmero TX until planting of the subsequent crop. DO NOT include flood or furrow irrigation in the minimum rainfall requirement.



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Always read the complete product label appearing on the container before opening or using products. ADA24362.



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