

# PARAQUAT


## Broad-spectrum contact knockdown herbicide

GRAMOXONE® 360 PRO, SPRAYTOP® 250

**Shirquat 250, Paraquat 250, Spraytop 250: paraquat -250g/L Gramoxone 360 PRO -360g/L**

Contact herbicide for post-emergent control of grasses and some broadleaf weeds.

HERBICIDE SUITABILITY	
WEATHER CONDITIONS	Rainfast within 30 minutes. Best time of application is during periods of low sunlight intensity such as late afternoon or night. Avoid spraying sugarcane which is under any stress.
TARGET WEED CONDITIONS	Most effective on weeds up to 5cm high. Ensure good spray coverage on all green plant tissue. Do not spray if weeds are covered with dust or heavy dew. Some broadleaf weeds are tolerant, such as blackberry nightshade.
CROP STAGE	Directed spray after 3 to 4-leaf stage of plant cane. Directed spray on ratoon cane over 10cm in height. Avoid broadcast application over sugarcane in Southern Qld/NSW during winter months.
VARIETY SUSCEPTIBILI	All varieties are sensitive. All green plant material is scorched. Actively growing sugarcane sprayed at the 3 to 4-leaf stage will recover within 7 to 10 days.
RISK TO OTHER CROPS	Avoid drift onto non-target areas/crops.
ENVIRONMENTAL RISK	Negligible mobility in soil due to strong binding to clay.
HERBICIDE RESISTANCE	Moderate (Group L). Resistance has been confirmed in mixed sugarcane/vegetable farming systems for cudweed, blackberry nightshade and crowsfoot grass (Southern Queensland).

GRAMOXONE 360 PRO	
SIGNAL HEADING	<b>DANGER</b>
PICTOGRAM	
HAZARD STATEMENT	<p><b>H290</b> May be corrosive to metals.</p> <p><b>H302</b> Harmful if swallowed.</p> <p><b>H311</b> Toxic in contact with skin.</p> <p><b>H315</b> Causes skin irritation.</p> <p><b>H318</b> Causes serious eye damage.</p> <p><b>H330</b> Fatal if inhaled.</p> <p><b>H335</b> May cause respiratory irritation.</p> <p><b>H372</b> Causes damage to organs through prolonged or repeated exposure.</p>

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GRAMOXONE 360 PRO, SPRAYTOP 250	
<b>FORMULATION</b>	Soluble concentrate.
<b>WATER QUALITY</b>	Avoid water containing clay, silt and algae. Hard or saline water may be used.
<b>APPLICATION EQUIPMENT</b>	Directed spray where plant cane is greater than 3 to 4-leaf stage, or ratoons are greater than 10cm. Do not apply by aircraft.

APPLICATION RATES					
PRODUCT	WEED SIZE	RATE/HA	INDICATIVE COST/HA (GST INCLUSIVE)	WATER RATE L/HA	COMMENTS
<b>GRAMOXONE 250 SPRAYTOP 250</b>	Up to 10cm	1200–1600mL	\$11–\$15	250–350L	Apply paraquat alone as broadcast spray over-the-top in plant cane up to the 3 to 4-leaf stage, or up to 10cm high in ratoon cane, otherwise use a directed inter-row spray.
<b>GRAMOXONE 360 PRO</b>	Up to 10cm	835–1100mL	\$7–9	Minimum 250L	Diuron may be added to enhance activity. Add 275–500g/ha diuron (900g/kg) or 1000g/ha diuron (900g/kg) for weeds up to 5cm or 10cm high, respectively. Ensure diuron applied as per district-specific spray conditions as per label. Only add diuron if seeking enhanced efficacy. Always add an adjuvant as per label.