

# HANDY TIPS TO GET THE MOST VALUE OUT OF HERBICIDES PROSERPINE

ACTIVE INGREDIENT	PRODUCT EXAMPLE	TIPS
amicarbazone	AmiTron	<ul style="list-style-type: none"> <li>• Use lower rates on lighter textured soils</li> <li>• At least 75mm soil cover over setts</li> <li>• Prevent slippage of treated soil into plant furrow</li> <li>• Do not use on very sandy soils (&gt; 90% sand)</li> <li>• UV stable</li> <li>• Activated with minimal rainfall</li> </ul>
asulam	Ausulux, Rattler	<ul style="list-style-type: none"> <li>• Best results with humidity above 80% and temperature above 17°C</li> </ul>
atrazine	Atrazine 900 WG	<ul style="list-style-type: none"> <li>• Incorporate with 25mm rainfall or irrigation within 10 days, or mechanically to 1 – 3 cm depth</li> </ul>
diuron	Diurex WG	<ul style="list-style-type: none"> <li>• Do not use on very light sandy soils</li> <li>• Best results when incorporated with 25mm rainfall or overhead irrigation within 3 – 4 days</li> </ul>
diuron + hexazinone	Bobcat combi	<ul style="list-style-type: none"> <li>• Do not use on light sandy soils</li> <li>• Best results when incorporated with 25mm rainfall or overhead irrigation within 3 – 4 days</li> </ul>
flumioxazin	Valor 500 WG	<ul style="list-style-type: none"> <li>• Soil should be moist at application with follow-up irrigation or rainfall (at least 15mm) within 3 weeks</li> <li>• UV stable</li> </ul>
glufosinate-ammonium	Basta	<ul style="list-style-type: none"> <li>• Best results when humidity is above 50%</li> <li>• Don't spray in temperatures above 33°C</li> </ul>
imazapic	Spark	<ul style="list-style-type: none"> <li>• Efficacy reduced when soil pH &lt;5 and/or high levels of iron or aluminium</li> <li>• Crop injury can occur on sandy soils from leaching caused by rainfall/irrigation</li> <li>• UV stable</li> <li>• Activates with rainfall or overhead irrigation to depth of 5cm</li> <li>• Otherwise mechanically incorporate</li> </ul>
imazapic + hexazinone	Bobcat i-maxx	<ul style="list-style-type: none"> <li>• Best results with incorporation by rainfall or overhead irrigation to 5cm depth</li> <li>• In dry conditions incorporate with light cultivation</li> </ul>

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isoxaflutole	Balance	<ul style="list-style-type: none"> <li>• UV stable</li> <li>• Do not use if: <ul style="list-style-type: none"> <li>• CEC is less than 3 meq/100 g, or</li> <li>• clay content less than 10%, or</li> <li>• organic carbon content is less than 0.8%</li> </ul> </li> <li>• Do not apply at rates 125g/ha or higher: <ul style="list-style-type: none"> <li>• If soil organic carbon is less than 10%, UNLESS C.E.C is above 9.5meq/100g</li> <li>• If soil C.E.C is less than 4.5meq/100g</li> </ul> </li> </ul>
metribuzin	Mentor	<ul style="list-style-type: none"> <li>• Do not apply to hot, dry soil</li> <li>• Best results when incorporated by rainfall or overhead irrigation from 2 – 7 days after application.</li> </ul>
MSMA	Daconate	<ul style="list-style-type: none"> <li>• Best results when applied under hot, dry conditions</li> </ul>
pendamethalin	Stomp Xtra	<ul style="list-style-type: none"> <li>• Incorporate with 12 – 25mm rainfall or overhead irrigation within 3 – 5 days, otherwise</li> <li>• Mechanically incorporate</li> </ul>
S-metolachlor	Dual Gold	<ul style="list-style-type: none"> <li>• Do not apply on soils with less than 5% clay in the top 30cm</li> <li>• Best results when incorporated within 10 days with 15mm overhead irrigation or rainfall, or</li> <li>• lightly mechanically incorporate to 2.5cm</li> </ul>
Terbutylazine + isoxaflutole	Palmero TX	<ul style="list-style-type: none"> <li>• Do not use if: <ul style="list-style-type: none"> <li>• CEC is less than 3 mew/100g, or</li> <li>• clay content less than 10%, or</li> <li>• organic carbon less than 0.8%</li> </ul> </li> <li>• Do not apply at rates higher than 1kg/ha if soil organic carbon is less than 1%, UNLESS the CEC is above 9.5meq/100g</li> <li>• Do not apply at rates of 1.25kg/ha or greater if soil CEC is less than 4.5meq/100g</li> <li>• Do not apply to recently burnt stubble/trash</li> <li>• Do not apply to newly limed soil</li> <li>• Best results when incorporated with 20 – 30 mm rainfall or overhead irrigation within 2 – 3 weeks</li> </ul>
trifluralin	Triflur	<ul style="list-style-type: none"> <li>• Mechanically incorporate within 4 hours, to a depth of 7.5 – 13cm</li> </ul>

## ACKNOWLEDGEMENTS

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