

HANDY TIPS TO GET THE MOST VALUE OUT OF HERBICIDES

PROSERPINE

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

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

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