

S – METOLACHLOR


Grass residual herbicide

DUAL GOLD®, BOUNCER® 960S

S-metolachlor – 960g/L

Pre-emergent selective herbicide for control of many important annual grasses and some broadleaf weeds when mixed with Gesaprim (Atrazine) as per label instructions.

HERBICIDE SUITABILITY	
SOIL CONDITIONS	Best applied to moist soil with follow up incorporation. Use rates towards higher end on heavy soils. Do not apply to waterlogged soils. Do not apply if heavy rains or storms that are likely to cause run-off are forecast within 2 days of application.
INCORPORATION	If conditions remain dry for a period of 10 days after spraying, irrigation (15mm) or a shallow cultivation (2.5cm) may assist results.
TARGET WEED CONDITION	Apply before weeds and grasses have germinated.
CROP STAGE	Pre or early post-emergent application to crop.
CULTIVATION AND IRRIGATION	Do not irrigate to point of run-off for at least 2 days after application. Do not throw untreated soil onto treated areas as this will reduce weed control.
VARIETY SUSCEPTIBILITY	Safe on all varieties.
WITHHOLDING PERIOD	Do not graze or cut for stock food for 13 weeks after application.
RISK TO OTHER CROPS	Do not apply under weather conditions, or from spray equipment that may cause spray drift onto nearby susceptible plants/crops, cropping lands or pastures.
PLANT BACK PERIOD	Do not plant susceptible crops for 6 months after an application. Corn, peanuts and soybeans can be planted prior to 6 months.
ENVIRONMENTAL RISK	Toxic to fish. Do not contaminate streams, rivers or waterways. Do not apply under weather conditions or from spraying equipment which could be expected to cause spray drift onto adjacent areas, particularly wetlands, water bodies or water courses.
HERBICIDE RESISTANCE	Moderate risk (Group K).

DUAL GOLD	
SIGNAL HEADING	WARNING
PICTOGRAM	
HAZARD STATEMENT	H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H332 Harmful if inhaled.

DUAL GOLD	
FORMULATION	Emulsifiable concentrate.
WATER QUALITY	Use clean water.
APPLICATION EQUIPMENT	Do not apply by aircraft. Thoroughly flush spray equipment with water after use.

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APPLICATION RATES				
PRODUCT	RATE/HA	INDICATIVE COST/HA (GST INCLUSIVE)	WATER RATE L/HA	COMMENTS
DUAL GOLD BOUNCER 960S SOUTHERN QLD	1100–1450mL + 1500–2000g Gesaprim Granules	\$16–\$20 + \$14–\$18	>60L	Apply once per year only. Use rates toward the higher end of the range on heavy soils where a high grass population is expected. In northern Qld, application must be made to moist soil and rainfall or irrigation should occur within 24 hours of application.
DUAL GOLD BOUNCER 960S NORTH QLD	1450–1800mL + 2000–2500g Gesaprim Granules	\$20–\$25 + \$18–\$23		Use rates toward the higher end of the range where high green summer grass population is expected. Where broadleaf weeds and grasses have emerged, and are in the 2 to 4-true-leaf stage, knockdown herbicides such as ametryn, diuron or paraquat applied as a post-directed spray can be added. Where broadleaf weeds only have emerged, and are at the 2 to 4-true-leaf stage, then a 2,4-D amine should be added. In all cases add a suitable non-ionic surfactant. Follow all instructions and restrictions on the Gesaprim labels.