

# Bromoxynil / Diflufenican

Similar to: Jaguar®

<b>Active constituent</b>	Bromoxynil 250g/L and Diflufenican 25g/L			<b>Formulation</b> EC
<b>Typical situations</b>	Wheat, barley, cereal rye, triticale, and pasture (see registration section).			
<b>Chemical group</b>	6, 12 (C, F)			
<b>Mode of action</b>	Foliar and shoot uptake, poor translocation—disrupts photosynthesis, inhibits carotenoid synthesis, and destroys cells.			
<b>Typical pack size</b>	20L, 110L, 1000L			
<b>Poison schedule 6</b>	<b>Dangerous goods class</b> –	<b>UN</b> –	<b>Packing code</b> –	
<b>Withholding period</b>	<b>Harvest</b> N/A <b>Grazing</b> Do not graze or cut for hay for 14 days post application.			
<b>Plant back</b>	Ensure cultivation prior to sowing susceptible crops (e.g. canola).			
<b>Application method</b>	Boom spray 50–100L/ha.			<b>Rain fastness</b> 4 hrs
<b>Efficacy</b>	Most active in strong sunlight, water rates above 70L/ha optimise results and good coverage is essential. Afternoon or evening application will assist translocation.			
<b>Adjuvants</b>	N/A. Do not use with crop oils in cereal crops.			
<b>Compatibility</b>	2, 4-D Amine, Chlorsulfuron, Dicamba, Clopyralid, Diclofop-methyl, Fenoxaprop-P-ethyl, Flumetsulam, Metsulfuron-methyl, Metosulam, Simazine, MCPA LVE.			
<b>Incompatibility</b>	Crop oils, Haloxyfop-R-methyl ester.			
<b>Water quality</b>	Hard water can cause instability in alkaline water. When using with extremely cold water be aware that some gelling may occur.			
<b>Time to effects and symptoms</b>	4–7 days—chlorosis and bleaching followed by desiccation.			
<b>4F Broadacre registrations</b>	Wheat, barley, cereal rye, triticale, and pasture (extract listed).			
<b>4F Other registrations</b>	N/A			
<b>Similar product registrations</b>	As above.			
Situation	Target Weed/s	Rate/ha	Comments	
Cereals (2-leaf to end of tillering Z12–Z29) and Pastures (clover and lucerne based)	Wild radish, wild turnip, capeweed, wild mustard, Paterson's curse	350 ml–1 L	Up to 2-leaf–350 ml Up to 4-leaf–500 ml Up to 6-leaf–750 ml Up to 8-leaf–1 L Don't use on annual medics.	
Cereals only (2-leaf to end of tillering Z12–Z29)	Fumitory (2–6-leaf)	350 ml + 200 ml Terbutryn	Post-emergent.	
<b>Comments</b>				
<ul style="list-style-type: none"> <li>Refer to the biological compatibility instructions on the label for Bromoxynil/Diflufenican tank mixes in specific crop situations.</li> <li>Crop may incur transient crop yellowing.</li> <li>If used with Dicamba, some temporary crop wilting may occur.</li> <li>When mixing with MCPA LVE, Metsulfuron-methyl or Chlorsulfuron, Bromoxynil/ Diflufenican rate should not exceed 500ml/ha.</li> <li>Diflufenican can provide a level of soil residual activity where rates above 20 g/ha of active ingredient are applied.</li> <li>Diflufenican has been known to provide an indication of soil trace element deficiencies by inducing trace element deficiency symptoms in crops.</li> <li>Diflufenican may damage oat crops.</li> </ul>				