

Rush 960EC

Rush 960EC is a selective, broad-range herbicide for the control of annual grasses and certain broadleaf weeds in field crops, vegetables and maize.

Active Ingredient

Metolachlor 960 g/l

Special characteristics

- Outstanding and economic management of a wide range of annual grasses and broadleaf weeds
- Highly systemic
- Excellent rain-fastness properties
- Increased safety due to specially formulated safener
- Increased absorption of the Active Ingredient

Mode of action

- Selective Chloroacetamide herbicide
- Absorbed predominantly by the hypocotyls and shoots
- It inhibits germination and inhibits cell division
- WSSA Group 15

General Symptoms

Stunting of shoots that result in abnormal seedlings that do not emerge from the soil.



Grasses

Might leaf-out under ground and the shoots may be abnormal when leaves do not properly unfurl.



Broadleaves

Crinkled leaves and/or a shortened mid-vein which produces a "draw-string effect" or "heart shaped" leaves.



IUPC Name: mixture of 80-100% 2-chloro-N-(6-ethyl-o-tolyl)-N-[(1S)-2-methoxy-1-methoxy]acetamide and 20-0% 2-chloro-N-(6-ethyl-o-tolyl)-N-[(1R)-2-methoxy-1-methylethyl]acetamide

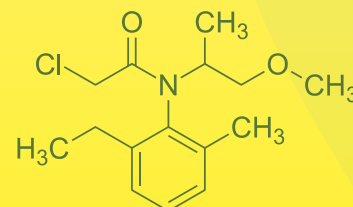
Molecular Formula: C₁₅H₂₂ClNO₂

WSSA Mode of Action classification:

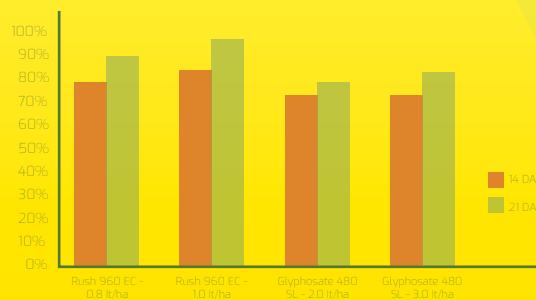
Chloroacetamide-herbicide; Inhibition of VLCFAs (Inhibition of cell division)

WSSA Group: 15

HRAC Group: C₃⁽¹⁵⁾, Mitosis and Inhibitors



Rush 960 EC field proven efficacy Turkey, 2014:





Crop	% of clay in the soil	Dosage ml/ Hectar	Notes
Maize* Sweet Corn	0-10%	0.3-0.7 L	Combines with Atrazine Wetttable powder/Sweet corn Suspension Concentrate
	11-20% 21-30%	0.5-0.8 L 1-1.2 L	Before spraying loosen the soil thoroughly, using cultivator
Beans*	0-10% 11-20% 21-30% 30% & up	0.3-0.5 lt/ha	
Sugarcane*	-	0.4-0.8 lt/ha	
Tobacco*	0-10% 11-20% 21-30% 30% & up	0-10% 11-20% 21-30% 30% & up	
Chickpeas*	-	0.3-0.4 lt/ha	For chickpea plants with a height of 10 mm and more. Active Rush by means of rain or sprinkling within a week of spraying
Peanuts* Cotton* Sunflower*	-	0.6-0.8 lt/ha	

Rate of Application

Rush 960EC contains Metolachlor. **Rush 960EC** is a weed killer that operates by preventing weeds from germinating. Therefore it should be applied before the weeds emerge (germinate). In most cases, after being activated by sprinkling, **Rush 960EC** will prevent the following weeds from germinating: Watergrass, Crab grass, Foxtail, Goose grass, Johnson grass, Sorghum, Amaranth, Goose foot, Chick weed, Nut grass.

Directions for Use

Rush 960EC does not harm the existing herbage and therefore must be sprayed before the weeds germinate, on soil that has been loosened and is free of herbage.

Mixin and Preparation of the Spray Tank

Rush 960EC can be mixed with water and applied as a spray. Before spraying, calibrate to determine the quantity of water necessary to uniformly cover the area to be treated. Carefully weigh the amount of **Rush 960EC** and add to partially filled spray with constant agitation. Top up to the correct volume with water.

- The material must be kept in suspension at all times by continuous agitation

Ground Spraying

Apply **Rush 960EC** through a carefully calibrated boom spray set at 200 to 300 kPa pressure, fitted with fan nozzles. Use a convenient quantity of water (50-100 L/Ha). Cone nozzle and other means of application are not satisfactory and should not be used. When spraying, avoid over-lapping and shut off spray booms while starting, turning slowly and when stopped. Neglect of these procedures will cause higher rates of application resulting in crop damage. Delay post-emergence spraying if rain is expected within a few hours.

+pre-plant or pre-plant incorporation

Re-Entry period: 24 hours

Important Note:

The indicated crops and recommended rate of application mentioned in this Product informative sheet may not be applicable in the country where the product is intended to be used. User must refer and use the product only as per the official registration at the country of use and the approved uses and rates by the authorized authorities. The supplier will not be responsible or liable if the product is used on crops which are not listed on the official label as approved by the ministry of agriculture at the country of use.

Restrains

- Do not use spray-fan sprayers. After spraying, activate the substance by sprinkling 30 cubic meters of water per 1000 m², and no more than 50 cubic meters.
- Do not apply until soil is well wet by the first good soil settling rain after sowing.
- Do not spray plants under stress from drought, water logging, frost or disease.
- Do not allow spray mix to stand overnight.

Disclaimer: This information and all further technical advice is based on our present knowledge and experience and approvals from the registration authorities. The visualizations presented herein are intended for illustrative and educational purposes only. They do not represent scientifically accurate depictions of agricultural processes, nor do they have any legal binding. The information depicted is based on widely recognized agricultural knowledge and practices described in writing. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. In the event of any discrepancies between the information stated herein or any other information source and the information stated on the product label, the information stated on the product label will prevail. The customer/user is not released from the obligation to conduct careful inspection and testing of products. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of the customer on small scale plot. Reference to trade names used by other companies is neither a recommendation nor does it imply that similar products could not be used.