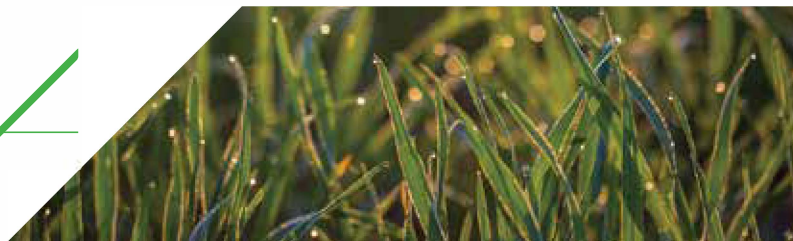


# Aubaine<sup>®</sup> 518 SC

## HERBICIDE



### ACTIVE INGREDIENTS

500 g/ℓ Chlorotoluron (*Urea*)

18.75 g/ℓ Isoxaben (*Benzamide*)



### MODE OF ACTION & CHEMICAL GROUP

Aubaine<sup>®</sup> 518 SC is a combination of two unique modes of action obtained from chlorotoluron (Group C2) that control ALS (AcetoLactate Synthase) enzyme inhibiting herbicide resistant weeds and isoxaben (Group L) the only active ingredient in the benzamide group that controls broadleaf weeds in cereals. Isoxaben inhibits cellulose synthesis while chlorotoluron inhibits photo-synthesis and is well rounded for herbicide resistance management.

**Aubaine<sup>®</sup> 518 SC is a suspension concentrate herbicide for the residual pre-plant, pre-emergence or early post-emergence control of weeds in wheat in the winter rainfall region.**



### APPLICATION



**Crop:**  
Wheat



**Rate/ha:**  
**PRE-PLANT & PRE-EMERGENCE**  
3.0-3.6 ℓ/ha  
**EARLY POST-EMERGENCE**  
2.8-3.0 ℓ/ha



**Remarks:**

Apply directly to damp, uncultivated soil as a broadcast application and incorporate by knife point planter's press wheels pre-plant for pre-emergence weed control. For early post-emergence control apply over the crop when weeds are at 2-4 leaf growth stage.

DO NOT apply after the crop has reached the 3 leaf growth stage.

### WEEDS CONTROLLED BY AUBAINE<sup>®</sup> 518 SC:

#### BROADLEAF WEEDS

PRE-PLANT & PRE-EMERGENCE CONTROL:  
Clovers *Medicago spp*\*\*

EARLY POST-EMERGENCE CONTROL:  
Musk heron's bill *Erodium moschatum*

\*\* Variable control may be expected

#### GRASSES

PRE-PLANT & PRE-EMERGENCE, & EARLY POST-EMERGENCE CONTROL:

Ryegrass *Lolium spp*



### OPTIMIZING THE USE OF AUBAINE<sup>®</sup> 518 SC



Pre-plant, pre-emergence application must be done on even soil for maximum surface coverage and application must not be obstructed by plant material from the previous cropping season.



Apply only as a pre-plant, pre-emergence treatment if planting is done with an Ausseeder (Ausplow), Voorplanter, Equalizer or a similar knife-point planter with press wheels.



Planting speed should be 5-6 km/h to avoid throwing treated soil into adjacent crop rows.



Ensure that **Aubaine<sup>®</sup> 518 SC** is washed into the soil as soon as possible for optimal pre-plant, pre-emergence control, preferably 25-40 mm within 7 days after application.



Ensure that crop seedlings are strong, vegetatively growing and uniform in size with early post emergence application.



Apply at a rate of 200-250 ℓ water/ha at a low spray pressure of 2 bar / 200 kPa to form a coarse droplet spray.



Apply at moderate humidity and avoid application with the possibility of frost, extreme cold, temperature fluctuations or wind speeds exceeding 5m/s.



Do not apply on well drained soil when heavy rains are expected.



Care must be taken with the cultivation of brassicas and legumes in the following season to avoid adverse carry-over effects.



Do not apply to wheat under sown with legumes.



Apply only once per season.

# Aubaine<sup>®</sup> 518 SC

## HERBICIDE



### WAITING PERIOD FOR FOLLOW-UP CROPS

Wheat can be planted in upcoming seasons following the application of Aubaine<sup>®</sup> 518 SC without any withholding period.

Aubaine<sup>®</sup> 518 SC breaks down through microbial activity under favorable temperature and humidity conditions in the soil. Given that these conditions prevail, breakdown will occur more rapidly. A replanting period of 24 months is recommended for crops other than wheat. Test strips of the desired follow crop should be planted and monitored during germination and emergence for any abnormal growth to determine if the follow crop can be grown successfully.



### KEY ATTRIBUTES AND ADVANTAGES



Controls *Lolium spp* resistant to ALS (AcetoLactate Synthase) enzyme inhibiting herbicides in wheat.



Options for pre-plant, pre-emergence, and early post-emergence application.



The unique mode of action combination makes it an effective tool to manage herbicide resistance while also controlling ryegrass and selected broadleaf weeds in wheat.



### WARNINGS

- Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- Allow 56 days between application and harvest.
- Do not allow the contamination of nearby water bodies .
- Rinse empty container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinse water to the contents of the spray tank before destroying the container in the prescribed manner and do not re-use it for any other purpose.

Crop injury may increase in severity when the crop is under stress from unfavourable environmental conditions like temperature extremes, heavy rains and waterlogging, drought, nutrient deficiencies, pest and disease pressure or carry-over herbicide residues.

### INCIDENCE WERE REPORTED WHERE WHEAT CULTIVAR SELECTION IMPACTED CROP INJURY SEVERITY



### CROP SAFETY

#### PRE PLANT & PRE-EMERGENCE APPLICATION

- DO NOT apply directly to crop seed and allow full coverage of seed with soil prior to application.

#### POST EMERGENCE APPLICATION

- DO NOT apply to wheat after the 3 leaf stage

Crop injury in the form of necrosis, leaf scorch, stunting, yellowing or stand reduction may occur under below mentioned conditions but the crop usually outgrows these symptoms and yields should not be affected

- Where deep furrows are formed during planting.
- Soil movement into the crop row due to wind or heavy rainfall soon after planting.
- Where heavy rainfall between application and crop emergence on soils with a high leaching potential, results in movement of the herbicide into the crop seed zone.

**FOR MORE INFORMATION CONTACT THE REGISTRATION HOLDER:** Dow AgroSciences Southern Africa (Pty) Ltd Reg. No. 1967/007147/07 • Paarl +27 (0) 21 860 3620 • Centurion +27 (0) 12 683 5700 • Local Emergency No +27 (0) 82 895 0621 (SA only) • 24 Hour Emergency No +32 3 575 5555 • Maxwell Office Park, Magwa Building, Ground Floor, Magwa Crescent, Waterfall City, Midrand, 1686, South Africa

**ALWAYS USE AS PER LABEL RECOMMENDATION** • Aubaine<sup>®</sup> 518 SC contains chlorotoluron (Urea) and isoxaben (Benzamide) (Harmful) | Reg. No. L11069 | Act No. 36 of 1947 • \*\* \* Trademarks of Corteva Agriscience and its affiliated companies. © 2021 Corteva.

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