One-stop post- application

Sortie 3.6WDG™

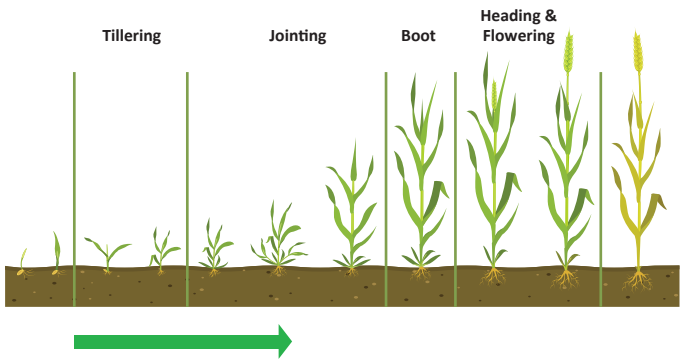
Selective, post-emergence herbicide for the effective control of annual grasses and key broadleaf weeds in Wheat

Sortie 3.6WDG™ offers a novel and easy to use solution with high flexibility in managing a wide range of weeds.

Sortie 3.6WDG™ Advantages in use

- Effective management of difficult to control grasses and broadleaf weeds.
- Excellent crop safety.
- Flexibility in application timing.
- Highly systemic.
- Enhanced user safety.
- Excellent eco-toxicological profile.
- Suitable for resistance management programs in wheat.

✓ **Better retention**
✓ **Faster uptake**
✓ **Lower water volumes**
✓ **Enhanced spreading**



Active Ingredient: Mesosulfuron-methyl 30 gr/kg + Iodosulfuron-methyl sodium 6 gr/kg

Mesosulfuron-methyl:
- IUPAC Name: methyl 2-[(4,6-dimethoxypyrimidin-2-ylcarbamoyl) sulfamoyl]-a-(methanesulfonamido)-p-toluate
- Molecular formula: C17H21N5O9S2
- Acetolactate Synthase (ALS) or Acetohydroxy Acid Synthase (AHAS) Inhibitors
- WSSA Mode of Action Classification: 2, HRAC Group: B(2)

Iodosulfuron-methyl sodium:
- IUPAC Name: sodium ({[5-iodo-2-(methoxycarbonyl)phenyl]sulfonyl} carbamoyl)(4-methoxy-6-methyl-1,3,5-triazin-2-yl)azanide
- Molecular formula: C14H13IN5NaO6S
- Acetolactate Synthase (ALS) or Acetohydroxy Acid Synthase (AHAS) Inhibitors
- WSSA Mode of Action Classification: 2, HRAC Group: B(2)

Always alternate with herbicides with different mode of action through the season to prevent the development of resistant pests.

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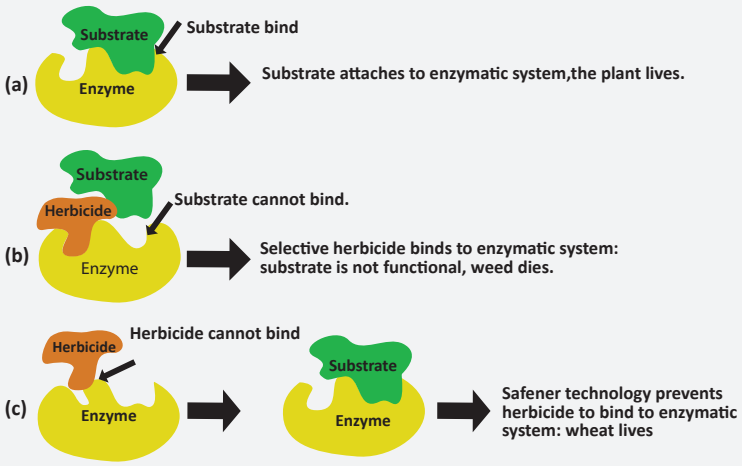
Mode of Action

- Mesosulfuron-methyl and Iodosulfuron-methyl-sodium are Sulfonyl-Urea Herbicides.
- Both active ingredients act as ALS Inhibitors.
- Exhibits highly synergetic action.
- The product active ingredients inhibit ALS ebzyme activity in plants. The lack of this enzyme in mammals and humans contributes to the product safety.
- Fully systemic activity on target weeds via foliage absorption and soil uptake.
- The product safener act as a catalyst, specifically promoting the degradation. of Mesosulfuron and Iodosulfuron in Wheat.



Directions for use:

- Sortie 3.6WDG™ should be mixed with water to be ready for use.
- For ground application, it is recommended to use standard boom sprayer fixed on a tractor.
- Use a minimum water volume of 200 -300 lt/ha.
- Observe speed travel to be 6 – 8 km/ha.
- Spray pressure: 2.5 – 3.0 bar to ensure even and thorough coverage.
- Always follow the product label instructions.

Rate of application:

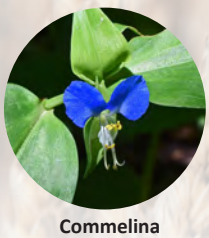
Crop	Application Rate	Susceptible Weeds		Application Remarks
Wheat	400 – 500 gr /ha*	**Grasses:** Wild oats (*Avena* sp.) Annual ryegrass (*Lolium* sp.) Brome grass (*Bromus* sp.) Phalaris (*Phalaris* sp.) Foxtail (*Alopecurus myosuroides*) Barley grass (*Hordeum* sp.) Annual blue-grass (*Poa annua*)	**Broadleaf Weeds:** Mayweed (*Matricaria* sp.) Wild raddish (*Raphanus* sp.) Pigweed (*Sinapis arvensis*) Chickweed (*Stellaria media*)	-Apply to already emerged weeds. -Wheat should be at least in the 3rd leaf stage.

* Use at least 200Lt of spraying mixture per ha

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 officially 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 the ministry of agriculture at the country of use.

Field Trials

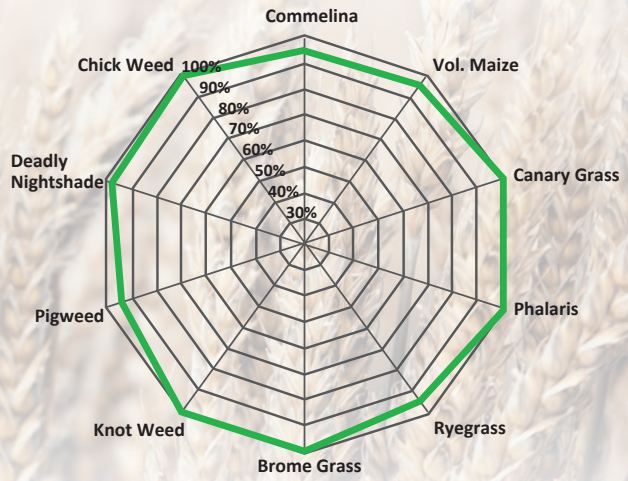
- Extensive field trials and commercial applications have proven the efficacy of Sortie 3.6WDG™ against a wide range of broadleaf weeds.
- **In Greece (2016) Sortie 3.6WDG™ was tested for the control of a wide range of grasses broadleaf weeds in Wheatwith excellent results.**


Commelina


Pigweed


Knot Weed

% Efficacy of Sortie against weeds in wheat



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