

Sharpen[®]

Herbicide

Sets the standard for tough broadleaf weed control.



A powerful weed resistance management tool.

Ideal for reoccurring broadleaf weed challenges
in fallow, and pome, citrus and almond orchards.

 **BASF**

The Chemical Company

Sharpen sets a truly innovative new standard in broadleaf weed control.

A dependable and fast acting group G product that picks up from where glyphosate and paraquat stops.

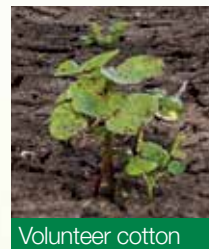
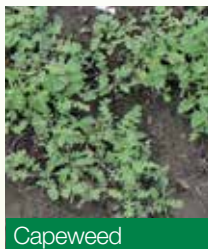
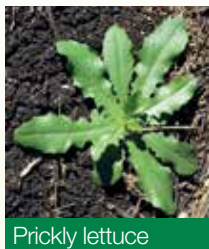
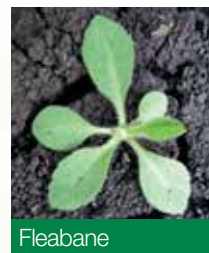
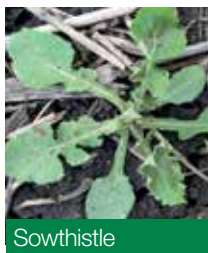
It has a number of new game changing features:

- Powerful weed resistance management tool
- Improves paraquat and glyphosate reliability
- New tank mix options to control grasses
- Use in pome, citrus, almond orchards as well as broadacre fallow.

Broad spectrum control of over 40 weeds.

Situations for use;

- Fallow
- Pome, citrus and almond orchards
- Around commercial and industrial buildings
- Around yards



Why is Sharpen setting a new standard in broadleaf weed control?

New label extension features have expanded the options for growers challenged by tough broadleaf weeds.

New options	Key features	Added benefits
1. Standalone use	Only group G which does the job on its own At rates 17-34g/ha – refer to label	Powerful resistance management tool
2. Tank mix options to control grass	Group G tank mix with either paraquat or glyphosate for additional grass control	Additional grass control
3. Increased rotation flexibility	Tank mix with paraquat contributes to a more robust resistance management protocol by giving glyphosate a complete break	Preserve glyphosate and paraquat from resistance
4. Reduced regrowth	Fast acting 72 hour rapid burndown reduced regrowth	Avoid costly respraying
5. Use in orchard systems	Use in established citrus, pome and almond orchard systems	Low risk drift option in orchard systems
6. Adjuvant options	Hasten or high quality MSO	Improved efficacy
7. Improves paraquat reliability	Fills broadleaf weed gaps such as Capeweed	Increases reliability of paraquat on a wider range of weeds

Powered with unique Kixor[®] technology that moves through the plant to provide complete control.

Xylem **Phloem**

H₂O H₂O

Leaf Cell

Sieve Tube Cells

Meristem Cell

Promotes excellent movement in xylem from roots to shoots providing complete control of emerged weeds with residual control on those yet to emerge.

CN(C)S(=O)(=O)NC(=O)c1cc(Cl)c(F)c1N2C(=O)C(C)N(C)C2=O

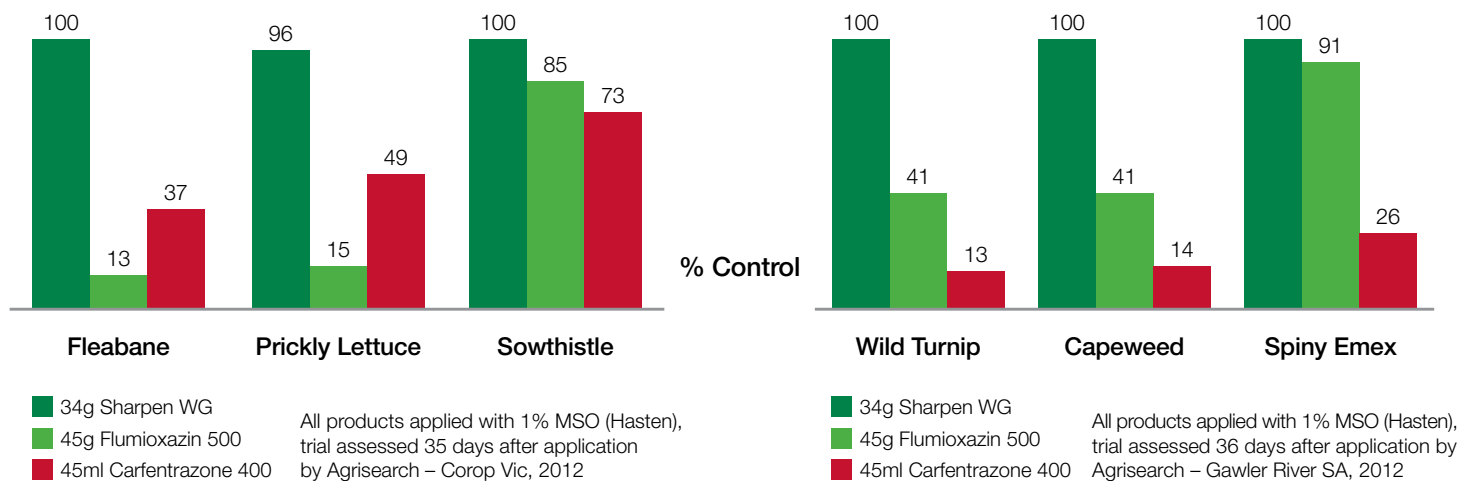
The left side of the molecular structure delivers herbicide potency that drives enzyme inhibition which in turn provides very fast control of the targeted weed.

Acid functionality improves translocation.

Methyl groups serve as "metabolic handles" in crops delivering crop safety and giving you confidence knowing you have made the right choice.

See the results.

Proven unmatched control of broadleaf weeds.



Standalone performance as a resistance management tool.

Sharpen noticeably outperforms competitor group G herbicides as a standalone without the need for glyphosate to do the job in pictures 1 and 2. Picture 2 below shows distinct Capeweed regrowth of the competitor group G herbicide, 21 days after treatment. The heavy dependency on glyphosate for the competitor's product to do the same job as **Sharpen** is shown in picture 3. Glyphosate effectively masks the competitor group G herbicide.

Picture 1



Sharpen as a standalone takes complete control
 Sharpen 34 g/ha + 1% MSO

SHARPEN

Picture 2



Capeweed regrowth
 Group G Herbicide Carfentrazone 400 45 mL/ha + adjuvant 0.5% v/v

COMPETITOR PRODUCT

Picture 3



Dependency on glyphosate
 Carfentrazone 400 45 mL/ha + Glyphosate 540 1.1 L/ha + adjuvant 0.5 %v/v

ALWAYS READ AND FOLLOW LABEL DIRECTIONS.

This brochure is intended as general advice. Disclaimer: The information submitted in this publication is based on current BASF knowledge and experience. In view of the many factors that may affect its application, this data does not relieve the user from carrying out their own tests. The data does not imply assurance of certain properties or of suitability for a specific purpose. It is the responsibility of the user to ensure that any proprietary rights and existing laws and legislation are observed.

© Copyright BASF 2014 © Registered trademark of BASF.
 BASF Australia Limited. Level 12, 28 Freshwater Place Southbank Victoria 3006, Australia.

Toll Free: 1800 558 399

agro.basf.com.au

BASF

The Chemical Company