

# Detail herbicide

## technology sheet

Provides quick and complete burndown as well as residual control of Group 2-, 4- and glyphosate-resistant kochia and other tough-to-control broadleaf weeds.

- Offers versatile results when tank mixed with Arsenal® Powerline or glyphosate
- Applicator-friendly liquid formulation that provides convenient handling and mixing
- New mode of action means fast, effective and lasting results on tough-to-control weeds

### Active ingredients

Saflufenacil – Group 14

### Formulation

Suspension concentrate

### One case contains

4 x 1.38L jugs

### Storage

Store in cool, secure, ventilated area, away from food or feed.



Detail + Arsenal Powerline  
8 weeks after application timing

Source: BASF Canada, Swift Current, SK



Detail + glyphosate  
8 weeks after application timing

Source: BASF Canada, Acheson, AB

### How it works:

Detail™ is a potent inhibitor of an enzyme that supports the production of chlorophyll and heme, which are essential to plant survival. Detail not only inhibits this enzyme, it also causes highly reactive molecules to be formed that attack and destroy lipid and protein membranes. When a lipid membrane is destroyed, the cell becomes leaky and cell organelles dry and disintegrate rapidly.

Susceptible weeds develop injury symptoms within hours of application under active growing conditions; plant death occurs within 3 to 5 days depending upon growing conditions. Larger, established weeds may require more time for complete death to occur.

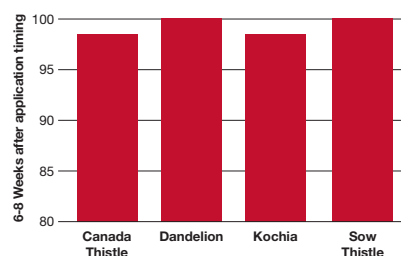
### Weeds controlled

#### Broadleaves

Canada thistle<sup>1</sup>  
Common chickweed  
Common cocklebur  
Common groundsel  
Common mallow  
Common purslane  
Common sunflower  
Cowcockle  
Dandelion<sup>1</sup>  
Field bindweed<sup>1</sup>  
Fleabane (Canada, hairy)  
Flixweed  
Henbit  
Kochia<sup>2</sup>  
Lady's thumb  
Lamb's quarters  
Morningglory  
(entireleaf, ivyleaf, pitted, tall)  
Mustard (tumble, wild)  
Nightshade  
(black, cutleaf, eastern black, hairy)  
Pennsylvania smartweed  
Perennial sow thistle<sup>3</sup>

Pigweed (prostrate, redroot, smooth)  
Prickly lettuce<sup>3</sup>  
Prostrate knotweed  
Ragweed (common, giant)  
Russian thistle  
Shepherd's-purse  
Sow thistle (annual and spiny)  
Stinkweed  
Velvetleaf  
Volunteer canola  
Wild buckwheat

Detail tank-mixed with Arsenal Powerline provides exceptional results



Source: BASF research trials

**BASF**

We create chemistry

<sup>1</sup> Control of seedling stage and suppression of perennial growth stage. <sup>2</sup> Including Group 2-resistant biotypes and Group 9-resistant biotypes. <sup>3</sup> Top growth burn down control.

**Environment, health and safety****General information**

Combustibility:	Non-combustible
Regulation:	Not regulated by TDG
Toxicity:	Low (Signal Word: Caution)
Re-entry interval:	Once spray residue has dried

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**User toxicology**

Oral LD <sub>50</sub> :	>2,000 mg/kg
Dermal LC <sub>50</sub> :	>5,000 mg/kg
Skin irritant:	Non-irritating
Eye irritant:	Non-irritating
Bioaccumulation:	No
Carcinogenic:	Non-carcinogenic
Mutagenic:	Non-mutagenic

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**Ecotoxicity**

Fish:	High probability that the product is not acutely harmful (96 hour LC <sub>50</sub> > 96.8 mg/L)
Aquatic insects:	High probability that the product is not acutely harmful (96 hour EC <sub>50</sub> 8.0 mg/L)

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**Environmental fate**

Volatility:	Non-volatile
Persistence:	Breakdown by soil microbes is dependent on moisture and temperature. Low temperatures and dry conditions will extend persistence. Not readily biodegradable.
Erosion:	Following exposure to soil, the product trickles away and can – dependent on degradation – be transported to deeper soil areas with larger water loads.
Leaching:	Not tested.
Buffer zones:	Leave an adequate buffer zone between spraying and sensitive vegetation. Refer to label for information.
Grazing restrictions:	No grazing restrictions.

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**Handling precautions**

Read Detail label before using.

Use goggles, gloves and coveralls when mixing/loading.

Wash thoroughly after using. Launder clothes separately.

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**First aid**

Eye contact:	Flush with water for at least 15 minutes
Skin contact:	Wash with soap and water
Inhalation:	Remove to fresh air
Ingestion:	Rinse mouth and drink water, do not induce vomiting and seek medical attention

**Call 1-800-454-2673 for 24-hour assistance.**

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**For more information**

Visit [www.BetterVM.ca](http://www.BetterVM.ca).

**Always read and follow label directions.**