

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
- New mode of action means fast, effective and lasting results on tough-to-control weeds
- Applicator-friendly liquid formulation that provides convenient handling and mixing

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.

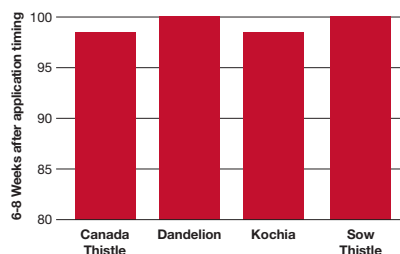
Susceptible weeds develop injury symptoms within hours of application under active growing conditions; plant death occurs within 3 to 5 days depending upon growing conditions. Larger, established weeds may require more time for complete death to occur.

Weeds controlled

Broadleaves

- Canada thistle¹
- Common chickweed
- Common cocklebur
- Common groundsel
- Common mallow
- Common purslane
- Common sunflower
- Cowcockle
- Dandelion¹
- Field bindweed¹
- Fleabane (Canada, hairy)
- Flixweed
- Henbit
- Kochia²
- Lady's thumb
- Lamb's quarters
- Morningglory
(entireleaf, ivyleaf, pitted, tall)
- Mustard (tumble, wild)
- Nightshade
(black, cutleaf, eastern black, hairy)
- Pennsylvania smartweed
- Perennial sow thistle³
- Pigweed (prostrate, redroot, smooth)
- Prickly lettuce³
- 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

¹ Control of seedling stage and suppression of perennial growth stage. ² Including Group 2-resistant biotypes and Group 9-resistant biotypes. ³ 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

User toxicology

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

Ecotoxicity

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

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.

Handling precautions

Read Detail label before using.

Use goggles, gloves and coveralls when mixing/loading.

Wash thoroughly after using. Launder clothes separately.

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.

For more information

Visit www.BetterVM.ca.

Always read and follow label directions.