

# Sefina insecticide

## technology sheet

### A lasting barrier that protects against labeled piercing and sucking insects.

- Quickly halts feeding, which reduces production losses and virus transmission
- Powered by Inscalis®, a unique mode of action that controls labeled pests that have developed resistance to other insecticides
- Extended control of aphids
- Effective tool in an integrated pest management strategy with low impact on beneficial insects, including predatory and parasitic insects

#### Active ingredient

Afidopyropen – Group 9D

#### Formulation

Dispersible concentrate

#### One case contains

2 x 3.24 L

#### Storage

Store in cool, dry, well-ventilated area without drain.

Store away from food, feed, seed and fertilizers.

#### Crops

Alfalfa  
Grass and non-grass forages and hay<sup>1</sup>  
Potatoes  
Soybeans

#### Staging

emergence to harvest  
emergence to harvest  
emergence to harvest  
emergence to full maturity<sup>2</sup>

#### Pests controlled

##### In alfalfa, grass and non-grass forages and hay.

Blue alfalfa aphid (*Acyrtosiphon kondoi*)<sup>3</sup>  
Pea aphid (*Acyrtosiphon pisum*)  
Potato leafhopper (*Empoasca fabae*)<sup>3</sup>  
Spotted alfalfa aphid (*Therioaphis maculata*)<sup>3</sup>

#### Staging

all life stages

##### In potatoes.

Green peach aphid (*Myzus persicae*)  
Potato aphid (*Macrosiphum euphoribae*)  
Silverleaf whitefly (*Bemisia argentifolii*)  
Sweet potato whitefly (*Bemisia tabaci*)

all life stages

##### In soybeans.

Soybean aphid (*Aphis glycines*)

all life stages

<sup>1</sup> See label for all registered crops.

<sup>2</sup> Most economic damage typically occurs between R1 and R5.

<sup>3</sup> Suppression only.

 **BASF**

We create chemistry

## Application rates<sup>4</sup>

**One case of Sefina® insecticide will treat 16 to 80 acres.**

### In alfalfa, grass and non-grass forages and hay.<sup>5,6</sup>

For pea aphid, blue alfalfa aphid<sup>3</sup> and spotted alfalfa aphid<sup>3</sup> 81 ml/ac (0.2 L/ha)  
For potato leafhopper<sup>3</sup> 81 to 162 ml/ac (0.2 to 0.4 L/ha)

### In potatoes.<sup>5,7</sup>

For green peach aphid and potato aphid control 81 ml/ac (0.2 L/ha)  
For sweet potato whitefly and silverleaf whitefly 283 to 405 ml/ac (0.7 to 1.0 L/ha)

### In soybeans.<sup>8</sup>

For soybean aphid control 81 ml/ac (0.2 L/ha)

## Water volume

Ground application 40 to 80 L/ac (10 to 20 gal/ac) minimum  
Aerial application 20 L/ac (5 gal/ac) minimum

<sup>4</sup> Allow a minimum of 7 days between applications.

<sup>5</sup> Do not make more than two sequential applications of Sefina before using an effective insecticide with a different mode of action.

<sup>6</sup> Do not apply more than 486 ml/ac (1.2 L/ha) per year.

<sup>7</sup> Do not apply more than 1012 ml/ac (2.5 L/ha) per year.

<sup>8</sup> Do not apply more than 162 ml/ac (0.4 L/ha) per year.

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## Mixing order

1. Fill clean spray tank 1/2 full of clean water and start agitation.
2. Add the correct amount of Sefina and continue to agitate until mixed.
3. If tank mix is being applied, add the correct amount while continuing agitation.
4. Continue agitation while filling the remainder of the spray tank.
5. Clean the spray tank after use.

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## Application tips

Applying higher water volumes will help to ensure thorough and uniform coverage.

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## Pre-harvest interval

0 days after application for alfalfa, grass and non-grass forages and hay.  
7 days after application for potatoes and soybeans.

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## Follow crops

### 0 months after application (same season)

*Brassica* head and stem vegetables, cucurbits, fruiting vegetables, leafy vegetables, soybeans, tuberous and corm vegetables (including potatoes) and root crops.

A 30-day plant-back interval is required for crops not listed on the label.

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## Tank mixes

Contact **AgSolutions®** Customer Care or your BASF Grower or Retail Representative for more information on supported tank mixes.

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## For more information

Call **AgSolutions** Customer Care at 1-877-371-BASF (2273) or visit [agsolutions.ca](http://agsolutions.ca).

## Always read and follow label directions.