

Viper ADV herbicide

technology sheet

Proven, broad-spectrum weed control for field peas, soybeans and dry edible beans.

- Convenient, user-friendly 100% liquid formulation.
- Multiple modes of action to help manage resistant weeds.
- Control of resistant wild mustard and volunteer canola.
- Excellent rotational freedom.

Active ingredients

Imazamox – Group 2
Bentazon – Group 6

Formulation

Liquid concentrate

One case contains

2 x 8.1 L jugs

Storage

Protect from temperatures below 0°C and above 40°C.

Crops

Dry edible beans¹
Field and succulent peas
Soybeans

Staging

1 to 2 trifoliolate leaf
3 to 6 node
cotyledon to 4 leaf

Weeds controlled and staging

Broadleaves cotyledon to 4 leaf

Cleavers ^{2,3}	Shepherd's-purse
Cow cockle	Sow thistle (annual) ³
Green smartweed	Sow thistle (perennial) ⁴
Hemp-nettle ³	Stinkweed
Kochia ^{2,3}	Volunteer canola ⁵
Lamb's quarters	Volunteer lentils ⁵
Redroot pigweed	Wild buckwheat ³
Round-leaved mallow ³	Wild mustard ²
Russian thistle	

Grasses 1 to 4 true leaf or early tillering

Barnyard grass	Volunteer durum wheat
Green foxtail	Volunteer spring wheat ⁶
Japanese brome grass ³	Volunteer tame oats
Persian darnel	Wild oats
Volunteer barley	Yellow foxtail
Volunteer canary seed	



¹ Dry edible beans may vary in their tolerance to herbicides. See label for important notes. Viper[®] ADV requires addition of Basagran[®] Forte herbicide plus 28% UAN, for dry edible beans only.

² Includes resistant biotypes.

³ Suppression.

⁴ Top growth suppression only.

⁵ Including **Clearfield**[®] and non-**Clearfield** varieties.

⁶ Excluding **Clearfield** wheat.

 **BASF**

The Chemical Company

Cleaver control, 7 days after application of Viper ADV herbicide



Untreated

Viper ADV

Source: BASF Research Authorization trial, SK, 2012

Volunteer canola control, 14 days after application of Viper ADV herbicide



Untreated

Viper ADV

Source: BASF Research Authorization trial, SK, 2012

For more information:

Call **AgSolutions[®]** Customer Care at 1-877-371-BASF (2273)

Visit agsolutions.ca

Application rates

One case will treat 40 acres.

Viper ADV herbicide ⁷	404 ml/ac (1 L/ha)
28% UAN ⁸	809 ml/ac (2 L/ha)

Water volume

Ground application only	40 L/ac (10 gal/ac)
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⁷ For dry edible beans only, a tank-mix of Viper ADV herbicide and Basagran Forte herbicide at 146 ml/ac (360 ml/ha) controls additional weeds. Basagran Forte is not included in case.

⁸ Addition of a nitrogen source (28% UAN) is recommended for grass control, and is not included in the case.

Mixing order

1. Add 3/4 of needed water.
2. Start agitation and continue agitation throughout mixing and spraying procedure.
3. Add the required amount of Viper ADV herbicide.
4. If tank mixing Basagran Forte herbicide for dry edible beans only, add the required amount of tank-mix partner.
5. Add correct amount of nitrogen source (required for grass control).
6. Complete filling with water and continue agitation.

Application tips

Rainfastness – 6 hours.

Avoid application immediately before or after frost or during unseasonably cold weather. Apply in warm weather (15°C to 18°C) when weeds are actively growing. Use higher water volume on dense weeds and thicker canopies.

Initial transient crop yellowing may occur but is outgrown and will not affect yield.

Pre-harvest interval

40 days after application for succulent peas.

60 days after application for field peas, soybeans and dry edible beans.

Follow crops

3 months after application

Winter wheat

1 year after application

Alfalfa	Flax
Canary seed	Lentils (incl. Clearfield lentils)
Canola (all types incl. Clearfield canola)	Soybeans
Chickpeas	Spring barley
Durum wheat	Spring wheat (incl. Clearfield wheat)
Field corn	Sunflowers (incl. Clearfield sunflowers)
Field peas	Tame oats

2 years after application

Mustard (condiment type only)

Tank mixes

Herbicides for dry edible beans: Basagran Forte at 146 ml/ac (360 ml/ha).

None on label for field peas, succulent peas or soybeans.

Always read and follow label directions.

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