

Eragon herbicide Harvest aid and desiccant Staging Guide



Eragon[®]
Powered by **Kixor**[®] Herbicide

 **BASF**
The Chemical Company



Eragon®

Powered by Kixor® Herbicide

For complete crop and weed dry down, in soybeans and dry beans.

Eragon® as a harvest aid and desiccant delivers:

- Fast, complete dry down of crops and reduced risk of crop regrowth.
- Broad weed spectrum and improved weed dry down.
- Improved crop uniformity for easier harvestability.
- Controls perennials in the fall for cleaner fields the following spring when tank-mixed with glyphosate.

Correct timing is essential when making pre-harvest applications of Eragon. Use this staging guide to help ensure the best results.

Use of Eragon in seed production

For seed production fields, only Eragon with Merge® should be used. Do not tank mix with glyphosate. BASF and third party research have shown no decrease in seed germination from an application of Eragon and Merge alone, when applied according to label recommendations.

Crops

Dry beans

Pinto, white, black, cranberry, otebo, adzuki, kidney

Soybeans

Eragon specifications

Active ingredient: Saflufenacil – Group 14

Formulation: Water soluble granular

One case contains: 6 x 292 g bottles

Storage: Store in cool, dry, ventilated area

Application tips

Rainfastness – Eragon is very rainfast. If using glyphosate, refer to glyphosate label for information regarding interval between application and a rainfall event.



Harvest timing

The dry down of crops will be best under favourable environmental conditions including warm temperatures and low moisture conditions.

In general, harvesting can begin when plant material is dry and seed moisture level allows efficient harvesting and storage. For most crops, harvest can typically commence within 2 to 10 days after application if the product has been applied at accurate crop staging.

Follow crops

In the same growing season

Winter wheat

Following spring, after a fall application

Wheat (spring, winter, durum), corn (field, sweet), soybeans, barley, field peas, oats, canary seed, chickpeas

The second spring, the above crops plus:

Canola, dry beans, flax, mustard

Application rates

One case treats 60 to 120 acres, depending on rate used.

Seed bean production or restrictions on glyphosate use¹

Eragon	29 g/ac (71 g/ha)
Merge adjuvant ²	400 ml/ac (1 L/ha)

No restrictions on glyphosate use¹

Eragon	14.6 to 29 g/ac (36 to 71 g/ha)
Glyphosate ²	refer to glyphosate label
Merge adjuvant ²	400 ml/ac (1 L/ha)

Water volume

Ground application	76 L/ac (20 gal/ac) minimum
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¹ Refer to seed buyer for restrictions on herbicide use.

² Glyphosate and Merge adjuvant are not included in the case.

Mixing order

1. Fill clean spray tank 1/2 full of clean water and start agitation.
2. Add the correct amount of Eragon and continue to agitate until fully dissolved.
3. Add the correct amount of glyphosate while continuing agitation.
4. Add the correct amount of Merge adjuvant to the tank last.
5. Continue agitation while adding the remaining amount of water.

Dry beans

From a field perspective, the timing for individual dry bean varieties looks similar. Please look to the field images here for a general comparison of optimal and too early timing.

NOTE: When tank-mixed with glyphosate, consult glyphosate label or your BASF Sales Representative for information regarding use on specific varieties of dry beans.

Optimal timing

Approximately 90% of the pods will have a colour change from green to yellow and/or light brown. 80% to 90% of the original leaves will have dropped. The stems are green to brown in colour.



For more details see images of individual dry bean varieties on the following pages.

Too early timing

No pods have turned brown and green pods are found all through the canopy. Application at this stage may cause a reduction in seed size and have a negative effect on yield and quality.



Dry beans - Pinto beans

Optimal timing

Apply when 90% of the pods have a colour change from green to yellow and/or light brown. 80% to 90% of the original leaves have dropped. The stems are green to brown in colour. The pods on the lower canopy mature first, so the few remaining green pods will only be located in the top of the canopy.

Pre-harvest interval - minimum 2 days after application.

NOTE: When tank-mixed with glyphosate, consult glyphosate label or your BASF Sales Representative for information regarding use on specific varieties of dry beans.

Too early timing

Applications may result in yield loss.

Green pods are found all through the canopy, no pods have turned brown yet. Application at this stage may cause a reduction in seed size and have a negative effect on yield and quality.



Dry beans - Navy beans

Optimal timing

Apply when 90% of the pods have a colour change from green to yellow and/or light brown and 80% to 90% of the original leaves have dropped. The bottom pods should be yellow almost turning brown while the ones near the top of the canopy are turning yellow.

Pre-harvest interval - minimum 2 days after application.

NOTE: When tank-mixed with glyphosate, consult glyphosate label or your BASF Sales Representative for information regarding use on specific varieties of dry beans.

Too early timing

Applications may result in yield loss.

The majority of pods are still green. Application at this stage may reduce seed size and have a negative effect on yield and quality.



Dry beans - Black beans

Optimal timing

Apply when 90% of pods have turned a reddish brown colour and stems are green to brown. 80% to 90% of the original leaves have dropped.

Pre-harvest interval - minimum 2 days after application.

NOTE: When tank-mixed with glyphosate, consult glyphosate label or your BASF Sales Representative for information regarding use on specific varieties of dry beans.

Too early timing

Applications may result in yield loss.

60% of the pods have turned a reddish colour. The remaining 40% are still green. Application at this stage will result in a percentage of seed shrinkage and may have a negative effect on yield and quality.



Dry beans - Cranberry beans

Optimal timing

Apply when 90% of pods have turned a red speckled colour. At this stage the bottom pods will be speckled while the top pods will be turning speckled red.

Pre-harvest interval - minimum 2 days after application.

NOTE: When tank-mixed with glyphosate, consult glyphosate label or your BASF Sales Representative for information regarding use on specific varieties of dry beans.

Too early timing

Applications may result in yield loss.

There are many green pods and pods are just starting to turn a speckled colour. Majority of leaves and stems are still green. Application at this stage may have a negative effect on yield and quality.



Dry beans - Otebo beans

Optimal timing

Apply when 90% of pods have changed to a red-brown colour. The remaining pods should be primarily green in colour.

Pre-harvest interval - minimum 2 days after application.

NOTE: When tank-mixed with glyphosate, consult glyphosate label or your BASF Sales Representative for information regarding use on specific varieties of dry beans.

Too early timing

Applications may result in yield loss.

40% of the pods are still green. 60% of the pods have turned red-brown in colour. Application at this stage may have a negative effect on yield and quality.



Dry beans - Adzuki beans

Optimal timing

Apply when 90% of the pods have turned colour and 80% to 90% of the original leaves have dropped. The stems are green to brown in colour.

Pre-harvest interval - minimum 2 days after application.

NOTE: When tank-mixed with glyphosate, consult glyphosate label or your BASF Sales Representative for information regarding use on specific varieties of dry beans.

Too early timing

Applications may result in yield loss.

60% of the pods have turned colour. The remaining 40% are still green. Application at this stage may have a negative effect on yield and quality.



Dry beans - Kidney beans

Optimal timing

Apply when 90% of the pods have turned from green to yellow or tan. Kidney beans drop their leaves slightly earlier than other edible beans and are grown in wider rows, so the field will have very little leaf canopy at the ideal application timing.

Pre-harvest interval - minimum 2 days after application.

NOTE: When tank-mixed with glyphosate, consult glyphosate label or your BASF Sales Representative for information regarding use on specific varieties of dry beans.



Too early timing

Applications may result in yield loss.

Green pods are found all through the canopy, no pods have turned brown. Due to the quicker leaf drop with kidney beans, a higher degree of leaf retention is a good indicator of being too early. Application at this stage may have a negative effect on yield and quality.



Soybeans

Optimal timing

Apply when 90% of the pods in the soybean crop have changed colour, with the lower pods essentially being all brown and the upper pods being a yellowish-brown or grey in some varieties. At this point 80% of the leaves should have dropped with the remaining leaves being yellow.

Pre-harvest interval - minimum 3 days after application.



Too early timing

More than 10% of the pods within the soybean crop are still green. There is limited leaf drop and many green leaves. Application at this stage may have a negative effect on yield and quality.





For more information:
Call **AgSolutions** Customer Care
at 1-877-371-BASF (2273)
Visit **agsolutions.ca/eragon**

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