



Elevate[®]

Product Overview

- ELEVATE[®] is a 400 g/L EC formulation of carfentrazone that is quickly taken up and translocated within target weeds to improve the speed of brown out when mixed with commonly used knockdown herbicides and to provide reliable control of hard to kill weeds and the dessication of cotton regrowth
- ELEVATE[®] has no plant back restrictions and can be used with partner herbicides in many situations including prior to the establishment of summer crops such as cotton, sorghum, soybeans, mung beans and sunflowers
- ELEVATE[®] is an important tool in the management of glyphosate tolerant plants, particularly where Roundup Ready* crop varieties have previously been grown.

Mode of Action

GROUP **G** HERBICIDE

The carfentrazone in ELEVATE[®] is a member of the Aryl triazoline group of herbicides. These herbicides interfere with the chlorophyll biosynthetic pathway in plants through a process of membrane disruption initiated by the inhibition of the enzyme protoporphyrinogen oxidase.

ELEVATE[®] is rapidly absorbed through the foliage of plants. Within a few hours following application, the foliage of susceptible weeds show signs of desiccation, and in subsequent days necrosis and death of the plant. Extremes in environmental conditions may affect the activity of ELEVATE[®]. Under warm moist conditions, herbicide symptoms may be accelerated, while under very dry conditions, the expression of herbicidal symptoms is delayed, and weeds hardened off by drought are less susceptible to ELEVATE[®].

Other Group G members include butafenacil and oxyfluorfen (CAVALIER[®]). As with all herbicides ELEVATE[®] should be used within a sound, integrated Weed Resistance Management Strategy to ensure the continued effectiveness of the group.

When to Use Elevate[®]

ELEVATE[®] is a post-emergent herbicide and applications should target small actively growing weeds.

Subsequent germinations will not be controlled. For most uses, ELEVATE[®] should always be tank mixed with knockdown herbicides including WIPE-OUT[®] 450, WIPE-OUT[®] ACCELERATE, Roundup* CT (or other products based on glyphosate), SPRAY & SOW[®], Spray.Seed* (paraquat/diquat), SPRAYTOP[®], Gramoxone* (paraquat) and EXONERATE[®], Basta* (glufosinate).

Prior to sowing cotton crops and other summer crops

- **Boomspray Application:**

Apply as a tank-mix at 15-45 mL/Ha plus recommended label rates for knockdown herbicides

For control of volunteer Roundup Ready* variety cotton seedlings:

- **Boomspray Application**

Apply as a tank-mix at 45 - 60 mL/Ha plus Supercharge* or Hasten* Oil @ 1% or 45 - 60 mL/Ha plus, WIPE-OUT® ACCELERATE plus Supercharge* or Hasten Oil @ 0.5%

For control of volunteer conventional cotton seedlings:

- **Boomspray Application**

Apply as a tank-mix at 30 - 45 mL/Ha plus recommended label rates for knockdown herbicides

Desiccation of cotton regrowth:

- **Boomspray Application**

50 - 60 mL/Ha plus crop oil concentrates or blended oil/surfactant
DO NOT apply by aerial application except for cotton desiccation.

Compatibility

ELEVATE® is also compatible with partner herbicides commonly used with knockdown herbicides prior to sowing cotton including pendimethalin and TRILOGY® (trifluralin). To ensure uptake of ELEVATE® DO NOT sow crops for at least 1 hour after application.

ELEVATE® is compatible with non-ionic surfactants such as WETSPRAY® 1000 and with oil adjuvants including Supercharge* and Hasten* Oil.

ELEVATE® is rainfast in one hour.

Grazing and Harvest Withholding Periods

- DO NOT graze treated cotton areas or feed cotton trash to livestock
- DO NOT graze or treated areas cut for stock food for 14 days after application
- DO NOT harvest cotton for 1 day after application
- An export slaughter interval (ESI) is not required when used as directed
- Harvest WHP not required for ELEVATE® when used as directed, however, refer to WHP of mixing partner/s.

Features and Benefits

Features	Benefits
ELEVATE® is quickly taken up and translocated within target weeds to improve the speed of brown out	Fast, reliable control of tough weeds
ELEVATE® has no plant back restrictions and can be used with partner herbicides in many situations prior to the establishment of crops	Allows quick follow up with subsequent operations
Highly concentrated formulation in both 1 L and 5 L pack sizes.	Convenient size for large and smaller areas.

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