

Sharpen®

Powered by **Kixor®** Herbicide

Harvest Aid and Desiccation for Cotton in Texas

Benefits of Sharpen® Herbicide

Fast and Complete

- Rapid drydown and desiccant
- Prepares cotton for cleaner harvest
- Can be used in 1st or 2nd harvest aid application

Controls the Toughest Broadleaf Weeds

- Fights morningglory, Palmer amaranth, marehail, and more

Excellent Desiccation

- Rapid drydown of mature leaves and juvenile growth

Fight Winter Annuals into Next Season

- Soil residual for less annual winter weeds
- Multi-purpose, multi-use, and not a Restricted Use Pesticide

Optimal Use Information

- Use Rate: 1 fl oz/A (if necessary, tank mix with defoliant or boll opener)
- Adjuvants: MSO (1% v/v or minimum of 1 pt/A), AMS (8.5-17 lbs/100 gals)
- Apply by ground at >10 GPA or aerially at >5 GPA. Thorough coverage is required for optimum activity.
- PHI (days)*: 5

Sharpen Herbicide in Cotton



2019 BASF sponsored replicated research trial. Location: Seminole, TX. Treatment: Sharpen herbicide (1 fl oz) + Ethephon (38 fl oz) + Thidiazuron (6.4 fl oz) + AMS (8.5 lbs/100gal) + MSO (1% v/v). Photos taken by Adam Hixson.

*PHI – Preharvest interval, minimum time elapsed between last Sharpen herbicide application and crop harvest.



We create chemistry

Technical Information Bulletin

Flexible Use Pattern – Tank Mixes with Defoliants or Boll Openers

	Remove Mature Foliage	Desiccates Immature Foliage	Regrowth Suppression	Desiccates Regrowth	Open Bolls	Desiccate Weeds
Sharpen® Herbicide	G	E	E	E	F	E
Sharpen Herbicide + thidiazuron	E	E	E	E	G	E
Sharpen Herbicide + ethephon	VG	E	VG	E	E	E
Sharpen Herbicide + tribufos	E	E	E	E	G	E
Sharpen Herbicide + paraquat*	F	E	VG	VG	G	E

*Not recommended for 1st application.

2006 BASF Internal Study.

E = Excellent VG = Very Good G = Good F = Fair

Best Use Recommendations

For desiccation, spray over the top of cotton that has reached physiological maturity as defined for that region. Harvest can typically commence within 5 to 10 days after application, when environmental conditions are favorable and the product has been applied at accurate crop staging. Actual time to harvest depends on environmental conditions, which may increase or decrease time to harvest. Large plant size, dense canopy and other environmental conditions not conducive for desiccation may require a second desiccation application 7 to 14 days later.

Too Early for Application

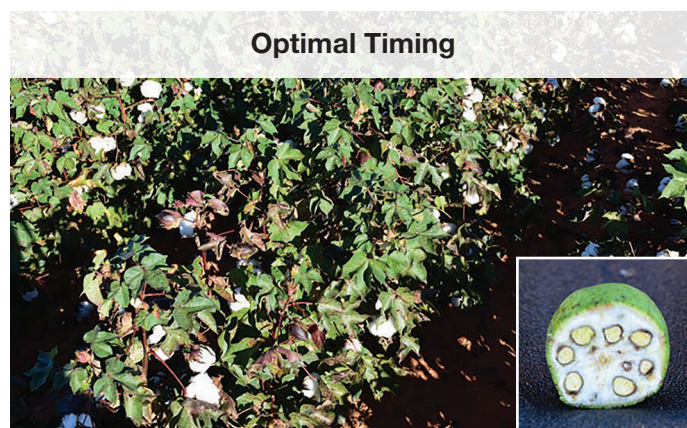
(Early applications may result in reduced lint quality and/or yield)

Less than 50% of bolls are open and the seed coats of sliced bolls from the uppermost two nodes of the plant are white in color with the seeds still having a jelly-like texture. Uppermost cracked boll is more than four nodes from the top of the plant.



Optimal Timing

Physiological maturity can be defined as no more than three to four nodes with harvestable bolls above the uppermost cracked boll or 60% to 70% of bolls are open and seed coat of sliced bolls from the uppermost two nodes of the plant are tan to dark brown in color. Allow up to 10 days following application for optimal desiccation. Most applications will require a tank-mix partner and/or a sequential application for complete boll opening and/or desiccation. Sharpen herbicide is recommended for use in the second desiccation application after physiological maturity for the Coastal Bend of TX, Mid-South and Southeast regions.



BASF
We create chemistry

Sharpen®
Powered by **Kixor®** Herbicide