

Verdict®

Powered by **Kixor®** Herbicide

Kixor® Herbicide Technology Fast, Flexible Corn Solutions for a Compressed Spring

Situation

- Fieldwork has stalled due to wet, cool growing conditions
- Limited or no post-harvest fieldwork will allow weeds the opportunity to grow unabated in no-till and tilled fields as soon as the ground begins to warm
- Traditional preplant burndown products such as 2,4-D ester are slow to act

Need

- Once growing conditions improve, the window for weed control and corn planting will be highly compressed
- Weeds will need to be controlled quickly to prevent loss of valuable fertilizer input

Solution

- The family of products powered by **Kixor** herbicide technology provide fast, complete burndown of tough broadleaf weeds
- Verdict® herbicide provides a strong residual foundation for maximum yield potential
- Flexibility to use preplant and preemergence with no restriction

Corn can lose up to 1% of its yield for each day it is planted past the ideal planting date. Assuming 200 bushel potential yield, a two week delay in planting could lose a grower up to 28 bushels/acre.*

Technical Information Bulletin

 **BASF**
The Chemical Company

Best Use Recommendations

- Adjuvant rates:
 - MSO (1 gal/100 gals or minimum 1 pint/A) + AMS (8.5–17 lbs/100 gals)
- Applications must be made prior to crop emergence or severe injury will occur
- 15 GPA carrier volume recommended for optimum performance

Corn Burndown & Residual Recommendations*

Verdict® herbicide (10–12, 13–15, 16–18 fl oz/A)	+	Recommended rate of glyphosate + MSO + AMS
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*Use rates listed for coarse, medium, and fine soils, respectively



*Citations Supporting Yield Reductions Due to Later Planting Dates in Corn

1. Bastidas, A.M., T.D. Setiyono, A. Dobermann, K.G. Cassman, R.W. Elmore, G.L. Graef, and J.E. Specht. 2008. Soybean sowing date: The vegetative, reproductive, and agronomic impacts. *Crop Science*. 48:727-740. <http://bulletin.ipm.illinois.edu/print.php?id=1107> (last accessed March 10, 2014)
2. Nielson, R.L. 2013. The planting date conundrum for corn. *Corny News Network* (Purdue University). Website: <http://www.kingcorn.org/news/timeless/PitDateCornYld.html>. (last accessed March 10, 2014)
3. Robinson, A.P., S.P. Conley, J.J. Volenec, and J.B. Santini. 2009. Analysis of high yielding, early-planted soybean in Indiana. *Agronomy Journal*. 101:131-139. <http://ianrpubs.unl.edu/e-public/live/ec145/build/ec145.pdf> (last accessed March 10, 2014)
4. Stalcup, L. 2010. Planting corn late can cause big yield loss. *Corn and Soybean Digest*. Website: <http://cornandsoybeandigest.com/corn/planting-corn-late-can-cause-big-yield-loss> (last accessed March 10, 2014)



Prior to Application

Tama County, IA.



11 Days After Treatment

Tama County, IA. Verdict herbicide 14 oz + MSO + UAN carrier.

