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### Soybean Weed Control – Marestalk

With any luck, last week's column on pigweed control wasn't of value to you because you aren't battling pigweeds! Maybe this week's on marestalk won't either – but if you dodged both those weed bullets, you are way beyond fortunate!!

As the most widespread glyphosate-resistant weed in Kansas, marestalk control is vitally important to many soybean producers, and that control starts with control efforts this fall or early next spring with products that include Dicamba, 2,4-D, or an ALS-inhibiting herbicide such as Canopy EX or Autumn Super. Because of the prevalence of ALS-resistant marestalk, tank-mixes with Dicamba or 2, 4-D are still recommended (Dicamba has outperformed 2, 4-D in K-State research the last several years). Delay fall treatments until November when most of the fall-germinating marestalk has emerged. Always verify pre-plant intervals for spring applications!

Kixor containing products (Sharpen/OpTill/Verdict) can be used for burndown control of marestalk any time before soybean emergence (cracking). Be sure to spray before marestalk gets too big using adequate spray volume to insure good coverage and apply in combination with a methylated seed oil. Since Kixor containing products provide little residual control, you may also want to consider products that include Valor and FirstRate-based herbicides, such as Valor XLT, Fierce, Fierce XLT, Envive, Trivence, Enlite, Authority First, Sonic, Gangster, or Surveil.

Best results occur when marestalk is controlled before soybean planting and marestalk bolting. FirstRate or Synchrony may be the most effective tank-mix partner with glyphosate for post-emergence marestalk control in Roundup Ready soybeans, unless ALS-resistant marestalk are present. Liberty is one of the better herbicides to control marestalk that has started to bolt in the spring. It can also be used as a burndown treatment prior to emergence of any soybeans, or as a post-emergence treatment in Liberty Link soybeans.

For full recommendations, check out the 2015 KSU Chemical Weed Control Guide available at your District Office.

### Control Broadleaf Weeds in Lawns in Late October - Early November

Got broadleaf lawn weeds? Late October to early November is the time to control!

Why? Dandelions, henbit, and chickweed – three of our most common problems, have already germinated and begun growth by this time of the year and the young plants are small and easily controlled with herbicides such as 2,4-D or combination products (Trimec, Weed-B-Gon, Weed-Out) that contain 2,4-D, MCPP and Dicamba. Even established dandelions are more easily controlled now than in the spring because they are actively moving materials from the top portion of the plant to the roots in the fall. Herbicides will translocate to the roots as well and will kill the plant from the roots up.

Initiate control on a day when temperatures are 50 degrees or higher. At these temperatures, the weed will be growing well and movement of the herbicide from leaves to roots will be rapid and more lethal.

If you want to increase your active ingredients for a quicker response, particularly as temperatures approach the 50 degree mark, consider products that contain the active ingredients above plus carfentrazone (Weed Free Zone or Speed Zone)