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Applications Now Can Save Challenges Later

We all know this spring has been a challenge and plans we had were thrown out the window multiple times. The corn that was planted at a “normal” time has been extremely slow to emerge and grow. On top of that, some areas have received close to their yearly precipitation and its only June. These two factors are compounding and will put a lot of stress on full rate pre emerge herbicide applications.

Most applications after full rate pre’s are rescue treatments meaning weeds have already emerged and are competing with the corn. Generally applications are made as a “clean up” right before canopy to pick up escaped weeds. These clean up applications many times are not completely effective. Applications made right before corn canopy are difficult because the corn size leads to coverage issues. Additionally, this time of year we see rapid weed growth and large weed size creates many challenges in effective weed control. This season corn has been growing slow and a lot of time has lapsed since full rate pre’s were applied. Keep in mind that with these full rate pre’s there are limitations to the length of time they will continue to perform, especially give the precipitation conditions we have had. In other cases a robust enough application was not made as a pre and now are beginning to fail. In either case, Sequence or Dual II Magnum can be good products to save you the hassle of rescue applications.

One solution to the full rate pre’s running out of steam is making an additional herbicide application ahead of weed emergence. If your pre emerge herbicide has been on for 30+ days and the corn is still small an application of Sequence (Dual Magnum + glyphosate) or Dual II Magnum can reinforce your herbicide residual. This could spare you the pain and extra cost of adding an additional herbicide active ingredient that would be required to burn down weeds if you wait for the herbicide to break.

If weeds have already emerged you need to consider the growth stage of the crop and the amount of time that will be required to get to canopy. Many of the herbicides used to control emerged weeds do a good job if applied at the right time, but deliver very little residual. An additional challenge to this is many of these products are adsorbed by green tissue either corn leaves or weeds which means the herbicide does not make it to the soil. Dual II Magnum has shown excellent ability to wash off green leaf tissue onto the soil and provide residual. Sequence is formulated as an emulsion in water allowing it to be used with most post herbicides that do not allow the addition of EC herbicides such as Dual II Magnum. Sequence can be applied to corn from pre emergence to the V8 growth stage or 30” tall (whichever is the most restrictive). Dual II Magnum can be applied to corn up to 40” tall and is also allowed to be chemigated if that is more convenient.

The 2019 planting season has been a consistent rush with many challenges. Adding additional residual with an application of Sequence if you need glyphosate along with

additional residual or Dual II Magnum if you are just looking for residual to prevent another rush right before canopy.

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