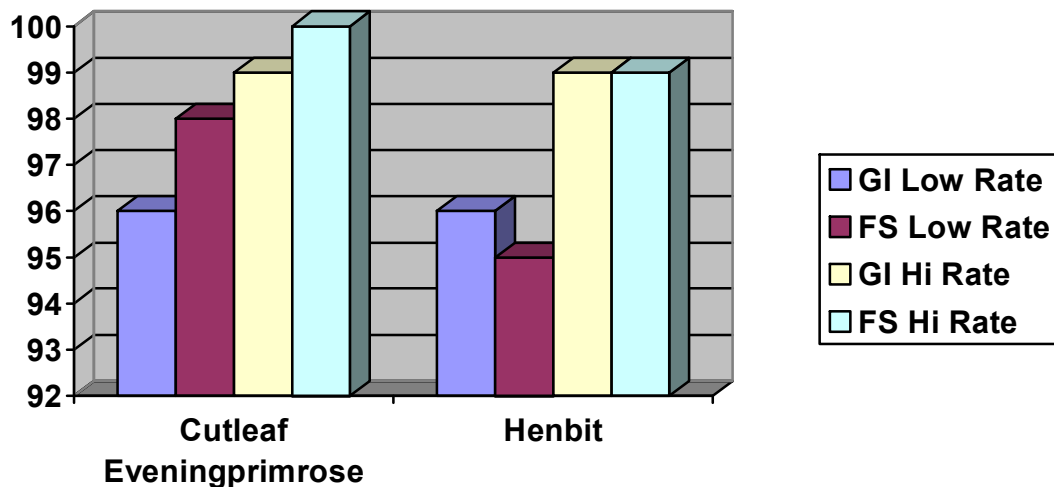


Gramoxone Inteon vs. Firestorm – It's a Tie!

A couple of years ago Syngenta replaced Gramoxone Max with a new paraquat formulation called Gramoxone Inteon. Gramoxone Inteon has been used in fruit preemergence herbicide trials as a standard non-selective postemergence herbicide. During the past 2 or 3 years Gramoxone Inteon has provided excellent non-selective weed control, however growers (from different states, growing different crops, more than 1 year) have expressed concern about Gramoxone Inteon activity on weeds. Firestorm, a generic paraquat formulation, is being marketed to growers across the Southeast and it has a favorable reputation with growers. In an effort to address grower concerns a trial was conducted this winter comparing Gramoxone Inteon and Firestorm. Each formulation was applied at two equivalent rates. Their effectiveness was evaluated 7 and 14 days after treatment. All treatments provided 100 % control of common chickweed 7 days after treatment. Observations made 14 days after treatment indicated that cutleaf eveningprimrose control from Gramoxone Inteon and Firestorm ranged from 96 to 100 % (Fig. 1). Henbit control 14 days after treatment ranged from 95 to 100 % (Fig. 1) with Firestorm and Gramoxone Inteon. Data was subjected to statistical analysis and there were no differences in control related to the herbicide treatments.

Results from this trial do not indicate any control advantage associated with the use of Firestorm rather than Gramoxone Inteon. However one can conclude that Firestorm is just as effective as Gramoxone Inteon at controlling these common winter annual weeds. As a grower you can use this information and the market place to determine your product of choice.

Figure 1. Percent control of cutleaf eveningprimrose and henbit 14 days after treatment with Gramoxone Inteon and Firestorm applied at two equivalent rates¹.



¹GI = Gramoxone Inteon; FS = Firestorm; Low Rate = 0.63 lb ai A⁻¹; Hi Rate = 1.0 lb ai A⁻¹