

**Rock Valley
Alvord
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Hudson
Hawarden**



**Inwood
Larchwood
Lester
Rock Rapids**

“Large Enough to Serve, Small Enough to Care”

Soybean Pre-Emergents

The single most important factor in eliminating Roundup resistance is to use multiple modes of action. Over the past few years, soybean pre-emergents utilizing multiple modes of action have been used on farms across the Farmers Elevator Coop territory to eliminate weeds before they become an issue. The majority of these pre-emergents have two modes of actions, which totals three modes of action by the time Roundup is applied.

Using a pre-emerge with multiple modes of action early on in the spring provides a time cushion for the Roundup application. With spring come both the unpredictable Midwest weather patterns and producers that are focused on spraying corn. The pre-emerge allows the flexibility of a longer window for Roundup application and also the peace of mind that the pre-emergents are doing their job by keeping weeds down. University data shows that spraying weeds in the 2-4 inch range can save 3-5 bushels per acre resulting in an overall net cost savings for producers.

There are a number of products out there, but here are a few that have proven successful in the past for FEC patrons.

- Authority Assist- A mix of Authority and Pursuit that works well on grasses.
- Authority MTZ – A mix of Authority and Sencor that works very well on water hemp.
- Authority First- A mix of Authority and Firstrate that works well on large seeded broadleaves such as cocklebur, giant rag weed, and sunflower.
- Optill- a mixture of Kixor and Pursuit which works well on grasses and broadleaves.
- Valor- A single mode of action treatment that qualifies for a \$3/acre rebate when using Roundup.

Work with your local FEC agronomist to determine which pre-emergent is right for your field. Consider both the history of the ground as well as the previous performance of pre-emergents and Roundup. Pre-emergents are a vital part of a successful soybean harvest. A small investment in the spring can pay large dividends in the fall, so contact your local FEC agronomist today to form a pre-emergent plan.

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