



BEET TOPICS

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May Planting = Pre-Emerge Herbicides...

With the month of April in the rearview mirror and only 10% of the Minn-Dak sugarbeet crop in the ground (at the time of this publication - May 3rd), it is a pretty safe assumption that both sugarbeet and weed emergence are going to occur within the same timeframe this growing season. It is important to keep in mind that your sugarbeet planting date will dictate your weed control strategy – especially for waterhemp.

This is where soil-applied herbicides come into play. When applied and activated before weed emergence, these herbicides form a ‘chemical barrier’ that research has shown to provide good-to-excellent control of waterhemp. Talk with your Agriculturist about several of the options listed below.



(3) Applications of PowerMax



PRE Dual (0.5 pt) + Nortron (3 pt) & (3) Applications of PowerMax

As an Ag Staff, we want to stress that **the pre-emerge application itself is much more important than the product(s) you choose.** In order to start your 2019 weed control program off with a clean slate, you will need to have this chemical barrier in place before sugarbeet and weed emergence occurs.

What Are My Options For Pre-Emerge Herbicides?

Herbicide	Rate	Pros	Cons
Ro-Neet SB	4 to 5.3 pt/A	<ul style="list-style-type: none"> • Low risk of crop injury 	<ul style="list-style-type: none"> • Needs to be pre-plant incorporated • Not going to work with a cover crop
Ethofumesate	2 to 3 pt/A	<ul style="list-style-type: none"> • 4 weeks of waterhemp control 	<ul style="list-style-type: none"> • Will thin stand on grass cover crops • Requires ~0.75" of rain for activation
	6 to 7.5 pt/A	<ul style="list-style-type: none"> • 8-10 weeks of waterhemp control 	<ul style="list-style-type: none"> • Not going to work with a cover crop • Expensive - consider a band application
Dual Magnum	0.5 to 0.75 pt/A	<ul style="list-style-type: none"> • 2-3 weeks waterhemp control • Safe for use with most cover crops • Requires ~ 0.5" of rain for activation 	<ul style="list-style-type: none"> • Rate dependent upon soil organic matter • Dual requires an Indemnification Label • Not all generic equivalents are labeled for pre-emerge use on sugarbeet
Dual Magnum + Ethofumesate	0.5 pt/A + 2 to 3 pt/A	<ul style="list-style-type: none"> • 4-5 weeks of waterhemp control 	<ul style="list-style-type: none"> • Cover crop safety is dependent upon soil type - more injury to the cover crop will occur on lighter soil types.

The product label trumps this information at all times - Always read & follow label instructions