



Metolachlor vs. *S*-metolachlor. What you need to know

There are many products on the market today that sound very similar yet the price points are quite different. Two of these similar sounding herbicides are metolachlor and *S*-metolachlor. Don't let the sound or price fool you. There are significant differences between the two products. The most significant difference is the label. Only certain *S*-metolachlor formulations are labeled in sugarbeet for post-emergent control of glyphosate resistant weeds like common waterhemp. Generic metolachlor products are not labeled in beets period. "The 'S' in *S*-metolachlor is not a reference to a safener. It's a reference to the active isomer or the resolved isomer of metolachlor (*S*-metolachlor). Formulation may impact use rate and price point." (Dr. Tom Peters). With new ways to obtain herbicide (i.e. online vendors) many unfamiliar product names and formulations are available for purchase. These choices make it more important than ever to read the label to ensure that the product can be used and the correct use rate. Below is a list of some of the *S*-metolachlor and metolachlor products on the market. This list is only meant to be a guide. If you don't see your product listed don't assume it can be used in sugarbeet. Please read and follow all label directions before use and check regularly for any updates or changes.

S-metolachlor and metolachlor Products Available for Sale

Product	Pre-Emerge		Post-emergence		Company
	Label	Label	Label	Formulation	
Dual Magnum	Yes	Yes	Yes	<i>S</i> -metolachlor	Syngenta
Dual II Magnum	No	Yes	Yes	<i>S</i> -metolachlor	Syngenta
Brawl	No	Yes	Yes	<i>S</i> -metolachlor	Tenkoz
Brawl II	No	Yes	Yes	<i>S</i> -metolachlor	Tenkoz
Medal EC	No	Yes	Yes	<i>S</i> -metolachlor	Syngenta
Medal II EC	No	Yes	Yes	<i>S</i> -metolachlor	Syngenta
Charger Basic	No	Yes	Yes	<i>S</i> -metolachlor	Winfield United
Charger Max	No	No	No	<i>S</i> -metolachlor	Winfield United
Cinch	No	Yes	Yes	<i>S</i> -metolachlor	Corteva
EverpreX	No	Yes	Yes	<i>S</i> -metolachlor	Corteva
Moccasin	No	Yes	Yes	<i>S</i> -metolachlor	UPL
Moccasin II Plus	No	Yes	Yes	<i>S</i> -metolachlor	UPL
Visor S-Moc II	No	Yes	Yes	<i>S</i> -metolachlor	Innvictus
Visor Broadcrop	No	No	No	metolachlor	Innvictus
Ladem	No	Yes	Yes	<i>S</i> -metolachlor	Loveland
Stalwart	No	No	No	metolachlor	Sipcam
Stalwart C	No	No	No	metolachlor	Sipcam
Meto'S	No	No	No	metolachlor	Sharda
Metalica	No	No	No	metolachlor	Sharda
Me-Too-Lachlor	No	No	No	metolachlor	Drexel
Me-Too-Lachlor II	No	No	No	metolachlor	Drexel
Metolachlor 7.8 Value Pick	No	No	No	metolachlor	FBN
Parallel	No	No	No	metolachlor	ADAMA
Parallel PCS	No	No	No	metolachlor	ADAMA
Helmet	No	No	No	metolachlor	Helm
Helmet SPC	No	No	No	metolachlor	Helm
Phenomenon	No	No	No	metolachlor	ADAMA
Sequence	No	Yes	Yes	Glyphosate + <i>S</i> -metolachlor	Syngenta

Branded Dual Magnum from Syngenta is the only *S*-metolachlor product labeled for preemergence in sugarbeet.