

Agricultural Beet

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Common Ragweed and Giant Ragweed
Control

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Control of Common Ragweed and Giant Ragweed with Stinger (clopyralid) Herbicide

The weed control season is just around the corner. In this edition of the Agricultural Beet, we will discuss weed control recommendations for common ragweed and giant ragweed in sugar beets. Clopyralid herbicide (Stinger) continues to be an important tool for managing these two difficult to control weeds. New for the 2021 growing season, Corteva is introducing a new formulation of Stinger herbicide called Stinger HC. Stinger HC has different use rates than the traditional Stinger and the generic clopyralid products. Included in this edition of the Agricultural Beet is a chart to convert the rates between these two products.

Stinger HL Herbicide

For 2021, Corteva has introduced a new formulation of Stinger herbicide. Stinger HL is a more concentrated formulation of the active ingredient clopyralid, and thus lower use rates will be needed when applying Stinger HL in comparison with the previous Stinger formulation or the current generic clopyralid products. Therefore, it will be extremely important to know the formulation you are using to ensure the correct rate is being used in every application. Below is a table with a comparison of the use rates for these two formulations.

Conversion of Stinger (or generic clopyralid) to Stinger HL

	fl. oz./A	fl. oz./A	fl. oz./A	fl. oz./A
Stinger or generic	2	3	4	6
Stinger HL	1.2	1.8	2.4	3.6

Rate conversion chart provided by Dr. Tom Peters

Giant Ragweed and Common Ragweed

In the SMBSC growing area, both giant ragweed and common ragweed are present. Further, glyphosate resistant giant ragweed has been present in our growing area for several years. Giant ragweed is an early emerging weed and grows rapidly under favorable conditions. Common ragweed is also very widespread in the SMBSC growing area. Glyphosate resistant common ragweed has been confirmed in Minnesota and is a significant issue in portions of the RRV. Below are pictures of both common ragweed and giant ragweed to help in identification of these two weed species.



Common Ragweed (photo credit: www.knowmoregrowmore.com)



Giant Ragweed (photo credit: www.knowmoregrowmore.com)

Ragweed Control Recommendations

For best control, apply Stinger (or generic equivalent) or Stinger HL when ragweed is <2" tall. Apply 3 ounces/acre of Stinger (or generic equivalent) or 1.8 ounces/acre of Stinger HL. Repeat the application in 14-21 days if needed. Applications to cotyledon ragweed is less effective than when the weeds develop their first true leaves. However, as the weeds grow larger, they also become more difficult to control. Thus, application timing is important and may require an increase to the Stinger rate as weeds grow larger.



Your Agriculturist is an excellent source of weed control recommendations. Contact your Agriculturist with any weed control questions.

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