

Spin-Aid® Quicksheet

Post-emergence weed control options in sugar beets are very limited. For the 2023 growing season, a Section 24 (c) Special Local Need Label was approved for the application of Spin-Aid® on sugar beets. This quicksheet will provide information on the best application practices for the use of Spin-Aid® on sugar beet. **Consult the label for product and application specifications.**

Spin-Aid® Herbicide

Spin-Aid® is a PSII inhibitor herbicide, group 5. The active ingredient of Spin-Aid® is phenmedipham. Phenmedipham is one of the two components of the herbicide Betamix®. This group of herbicides are primarily post-emergence contact herbicides. These herbicides have the potential to create leaf burn on the sugar beet crop. Spin-Aid should be applied with similar application practices of Betamix® herbicide.

Application Specifications

1. The use rate of Spin-Aid® varies based on weed size and sugar beet size. See the Tables on page 2.
2. Minimum beet size is 2 leaf.
3. Apply in 20 gallons of water per acre. Good coverage is essential for an effective Spin-Aid® application.
4. Add HSMOC at 1.0-1.5 pint per acre. Do not use MSO if PowerMax3 is in the tank-mix.
5. Use appropriate nozzle and pressure to achieve medium droplet size and good coverage.
6. Do not apply by aerial application.
7. Restricted Entry Interval (REI) = 12 hours.
8. Pre-Harvest Interval = 75 days.
9. Spin-Aid® is a Restricted Use pesticide.
10. Two applications are required.
11. Maximum 3 applications. Do not exceed 6 pints/acre.

Special thanks to Dr. Tom Peters for the information contained in this Quicksheet and his work on Spin-Aid.

Target Weeds

1. Spin-Aid® herbicide **does not have activity on waterhemp.**
2. Glyphosate resistant Kochia. Target Kochia that is dime to quarter size diameter for best results.
3. Common Lambsquarter. Spin-Aid herbicide can increase lambsquarters control for tough to control lambsquarters. Target lambsquarters at the 2-4 leaf stage or smaller.



Kochia - dime-size diameter

Reducing the Risk of Injury to Beets

1. Risk of injury may increase with sudden changes from cool and cloudy to sunny and temperatures above 85 F.
2. Make applications late in the day as temperatures begin to cool during warm periods to reduce injury risk.
3. Sugar beets and weeds may be more susceptible to Spin-Aid® in fields treated with a soil-applied herbicide.

Spin-Aid® | 24(c) SLN Label Guidance



SPIN-AID® HERBICIDE DOSAGE CHART FOR BROADCAST APPLICATION - SUGARBEETS

Common Lambsquarters Control Programs:

Two Application Program	Application Number	Sugarbeet Stage	Spin-Aid + ethofumesate + Roundup PowerMAX3 (fl oz/A)
	1	2-leaf	12 + 4 + 25
Repeat application	2	4-leaf	24 + 4 + 25
OR			
	1	4-leaf	24 + 4 + 25
Repeat application	2	6-leaf	24 + 4 + 25

- Apply an adjuvant and AMS with Spin-Aid, ethofumesate and PowerMAX3. Discuss adjuvant selection with your agriculturalist
- If including glyphosate in second application, must wait 10 days between applications
- Target, CLQ less than 6 inches tall

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SPIN-AID® HERBICIDE DOSAGE CHART FOR BROADCAST APPLICATION - SUGARBEETS

Kochia Control Program: DIME SIZE – 1 inch

Two Application Program	Application Number	Sugarbeet Stage	Spin-Aid + ethofumesate + Roundup PowerMAX3 (fl oz/A)
	1	2-leaf	16 + 4 + 25
Repeat application	2	4-leaf	24 + 4 + 25
OR			
	1	4-leaf	24 + 4 + 25
Repeat application	2	6-leaf	32 + 4 + 25

Kochia Control Program: QUARTER SIZE – 2 inch

Two Application Program	Application Number	Sugarbeet Stage	Spin-Aid + ethofumesate + Roundup PowerMAX3 (fl oz/A)
	1	2-leaf	16 + 4 + 25
Repeat application	2	4-leaf	32 + 4 + 25
OR			
	1	4-leaf	32 + 4 + 25
Repeat application	2	6-leaf	48 + 4 + 25

- Apply an adjuvant and AMS with Spin-Aid, ethofumesate and PowerMAX3. Discuss adjuvant selection with your agriculturalist
- If including glyphosate in the second application, must wait 10 days between applications

The information contained in this quicksheet is meant to provide information regarding Spin-Aid® applications for your operation in 2023. However, it can not provide all the details for every application. **Consult your agriculturalist and the product label** for additional information. Please also notify your agriculturalist of applications so we can all watch, observe, and learn with this additional opportunity for management in sugar beets.



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