

Information from Oregon Ryegrass Growers Seed Commission

Annual Ryegrass control:

When?

ARG should be actively growing (5-7 days), with soil temp above 45° F.
Late March/Mid-April – with the plant typically 6-9” tall.
Good spray coverage with medium spray droplets is key.

Using glyphosate?

Use full rates: **1.25-1.50 lb a.e./ac minimum** even if the ryegrass is small.
Daytime temperatures a minimum of 55° F (above 60° F optimum).
Night time temperatures should be above 38° F (3 nights above 40° F).
Spray at least 4 hours before sunset.
Reduce water volume to 8-10 gpa.
Do not use nozzles that produce coarse spray droplets.
Pay attention to water quality. Use AMS plus water conditioners or pH buffers according to label directions and follow order of mixing carefully.
Plan 2 applications, especially if initial spray conditions were marginal.
Consider using a herbicide with a different mode of action if re-spraying is needed.

Using Gramoxone or glufosinate?

Full label rate only 70-85% effective on ARG, worse after node development.
Two applications (2-3 weeks apart) improve control.

Planting corn after ARG:

Don't add atrazine or Calisto to glyphosate. You'll cut effectiveness by 40%.
OK to add simazine, Prowl H2O, Basis Blend, or other residual herbicides for better weed control. Or apply 7-10 days later.
ARG “escapes” can be controlled with labeled rates of Accent Q, Steadfast Q, or Option.

Planting soybeans after ARG:

Early kill of ARG allows quick decomposition and a good seed bed for beans
Using RR seeds allows easier control of “escapes”.
ARG can be controlled in beans with Select Max, Poast Plus, or Fusilade DX.
Use MSO and liquid fertilizer according to product labels.
Poast and Assure have shown poor control.

Planting wheat after ARG:

ARG can be a very competitive weed in winter wheat.

Apply a glyphosate burn down before planting wheat.

Consider using a preemergence or early postemergence herbicide such as Axiom or Zidua (to be registered in winter wheat soon) to control annual ryegrass that emerges with the wheat.

Spray a post-emergence grass herbicide like Osprey, Axial XL, or PowerFlex in late winter or early spring. Check plant back restrictions.