

Mixes Without Glyphosate in the West Side of the Cascades

Eric Hippler



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Love Forestry!



Really Miss This!!





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Ditto to what Joel Said!!



What are you targeting with Glyphosate?



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- Have you been handed a project with prescriptions already in place?
 - Trusted the mixes without knowing what each product is used for.
- Glyphosate is cheap so just through it in!
 - Unit was recently logged or burnt and has no germinated grasses or forbs. What will the Glyphosate work on that the other herbicides will not?
- Know your products you are prescribing and what they control.
 - Know what they can do mixed with other herbicides.
- Read the label!!

Zones





- South West Oregon
 - Large component of Hardwoods and Brush.
 - Usually have to wait a year prior to site prep spray
 - This allows the herbaceous component to establish
 - Drier sites so it needs to be clean for seedlings to survive.
- Cascades
 - A lot of species that germinate.
 - Higher elevations can be difficult for spring release
- Valley Fringe
 - Dominated by valley annual and perennials
 - Usually germinated soon after logging
 - Huge moisture stress on seedlings
- Coast Range
 - Soil moisture can carry throughout the season
 - 100% Herbaceous control isn't as detrimental



Applications



- Site Prep
 - Where Glyphosate is used the most
 - Aerial
 - Ground



Site Prep



- Release
 - Fall
 - Spring
 - Ground Foliar





- Roadside Spray
 - Probably the application that people have already taken Glyphosate out of the mix
 - Know what you want to control



Finally... Alternatives to Glyphosate



Alternatives To Glyphosate

- Site Prep
 - Increase your Imazapyr by 15-30%
 - Imazapyr does have knock down power on grasses
 - Increase the rate on Escort to 2-3 oz/ac
 - Try Opensight and or Triclopyr
 - These won't do much on native grasses but will work on invasives and other weeds.
- Cleantraxx
 - Is showing post-emergant control when applied in mid to late fall at 4.5 pts/ac.

Alternatives to Glyphosate

- Release
 - Timing is key. Apply soil actives prior to germination of grasses to beat the need of Glyphosate.
 - Clean your site clean. Playing catch up can be challenging.
- Foliar Release
 - Imazapyr and MSO will work great together. Just be patient as Imazapyr works slowly. Affects can be weeks before you see them.
- Roadside Spray
 - Tryclopyr and MSO can be a great on controlling woody species on the roadside but do you want the grass knocked down too?
 - Cleantraxx, Esplanade F, Oust, Opensight or Velpar in the spring could help on keeping the grasses out.

Summary

- Glyphosate is a great tool and it's tough to replace it.
- Know your products you are using and what they target.
- Be preventative and try new ideas now before you possibly be forced into making tough decisions.
- Talk with other foresters on what their modes of actions are. We are all trying to accomplish the same goal. So lets share our experiences and ideas to have the best result for everyone!!

Questions?

