

GLY PHO-SEL PRO 41%

Everything you need to know

Gly Pho-Sel Pro 41% contains the popular post-emergent herbicide Glyphosate, which is the active ingredient found in Roundup® and HiYield KillzAll®

The biggest difference is that **Gly Pho-Sel Pro 41%** ALSO CONTAINS A SURFACTANT. Surfactants are also called 'Spreader-Stickers' and they greatly aid in the adsorption of the herbicide when applied to the target weed. Surfactants work by reducing the surface tension of water molecules so there is very little 'droplet' formation. Think about the waxy leaves of a head of cabbage... If you sprayed plain water onto cabbage leaves, the water would 'bead up' and the droplets would likely run off the leaf and be lost. However, IF the water contained a spreader-sticker, the cabbage leaf would be completely moistened and few, if any beads would form.

How is this important with weed killers? Think about it: The more herbicide solution that stays in contact with the weed leaf, the more the leaf can absorb and the more that is absorbed, the better the kill.

We also want you to know that whenever we spray weeds with Glyphosate, we ALWAYS add spreader sticker to the solution. **Gly Pho-Sel Pro 41%** puts both products into 1 bottle, and that makes it easy for you.

We recommend applying a 1½% solution, which means you will add 2 ounces of **Gly Pho-Sel Pro 41%** to each gallon of water you spray. Thus, 1 quart of Gly Pho-Sel Pro 41% will make 16 gallons of finished spray.

SURFLAN PRO

Everything you need to know

Surflan is a pre-emergent herbicide, which is to say that weeds that grow from seed can be prevented from germinating and growing by applying **Surflan** at the appropriate time.

We have used for **Surflan Pro** for pre-emergent weed control in and around our nursery. Until recently, **Surflan** has been available only in 2½ gallon jugs, which is how we buy it for our use. We are pleased to be able to offer **Surflan Pro** for your use in the convenient 1 pint bottle. **Surflan Pro** can be 'tank-mixed' with **Gly Pho-Sel Pro 41%** and used in your landscape in the following manner:

- Weed control along fences – kill the existing weeds with **Gly Pho-Sel Pro 41%** and prevent new weeds, especially Crabgrass with **Surflan Pro**, all done with 1 spray application
- Woodland areas with existing large trees that become overgrown each summer - kill the existing weeds with **Gly Pho-Sel Pro 41%** and prevent new weeds with **Surflan Pro**, all in 1 spray application. And there is no soil residue or root uptake to be concerned about with **Gly Pho-Sel Pro 41%**

When using **Surflan Pro**, it is important to keep your spray solution well-mixed by agitation. Mix only the amount you will use right away and don't leave extra mixed solution in your sprayer as the **Surflan Pro** will settle to the bottom. Add 2 ounces of **Surflan Pro** per gallon of **Gly Pho-Sel Pro 1½%** mixed solution and apply to about 1,000 sq. ft. for 3-6 month weed control