

PRO-SURF II

Non-Ionic Surfactant

Enhanced performance of post-emergence herbicides using surfactants has been well documented. Surfactants are usually mixtures of more than one product. It is important to understand how PRO-SURF II works and how it can benefit farmers in controlling weeds.

What is PRO-SURF II?

PRO-SURF II is a non-ionic surfactant. It is a spreader - activator made up of 90% alkylaryl/polyoxyethylene glycols and free fatty acids. Non-ionic means that there are no positive or negative ions to compete or react with the herbicide it is being tank mixed.

How does PRO-SURF II work?

Pro-Surf II reduces the surface tension of the spray droplets, causing them to flatten or spread on the leaf surface. This allows more surface area for the chemical to come in contact with the leaf. PRO-SURF II also helps break down the waxy cuticle of the leaf, allowing more

chemical uptake. The fatty acids also play an important role in the activity of this surfactant. These compounds have excellent humectant properties – they reduce the drying process of the droplets, thus maintaining the chemicals in the wet phase for a longer period and allowing them to better penetrate the leaf.

Why choose PRO-SURF II?

PRO-SURF II, used at label rates, is noted for its excellent crop safety. It is a product of choice for enhanced post-emergence herbicide performance. PRO-SURF II is recommended for today's highly active, low rate herbicides.

How much do I need?

The rate is tested for optimum performance. Adding a lower rate of PRO-SURF II will not allow the spray droplet to flatten or spread and break down the leaf's waxy cuticle. A higher than label rate may cause the spray droplets to run off the leaf.

Always read the label and follow directions carefully.

Features & Benefits

- ✓ **Excellent performance – enhanced weed control with post-emergence herbicides**
- ✓ **Easy to use – does not need to be prediluted and no special equipment required**
- ✓ **Non corrosive – will not damage equipment or tools**
- ✓ **Cost effective – excellent value for money**

