

Satchur 8™

Makes Every Drop count



Satchur 8™ is an advanced adjuvant designed to enhance the performance of pre-emerge and post-emerge herbicides, liquid fertilizer and pesticides on row crops and a wide variety of fruit, nut and vegetable crops.

- Extends the residual weed control of pre-emerge herbicide applications by keeping the active ingredient in the soil's upper profile 4 to 6 weeks longer.
- Improves burndown applications by adhering the active ingredient intact on the leaf for a longer period of time for greater efficacy.
- Boosts fungicide efficacy by allowing the leaf to breathe and continue normal metabolism compared to surfactants that impede the uptake of the active ingredient.



"The power of Satcher 8 is in its trillions of little microfibers that stick to the leaf service like Velcro® when applied and hold the herbicide it's mixed with on the leaf surface. It won't wash off and won't dry up and blow off the surface. Residual weed control is lasting longer because the active ingredient is being retained in the soil upper profile longer."

— Larry Fiene, Planet Earth Agronomy Founder and CEO



Residual weed control dramatically improved with Satchur 8™



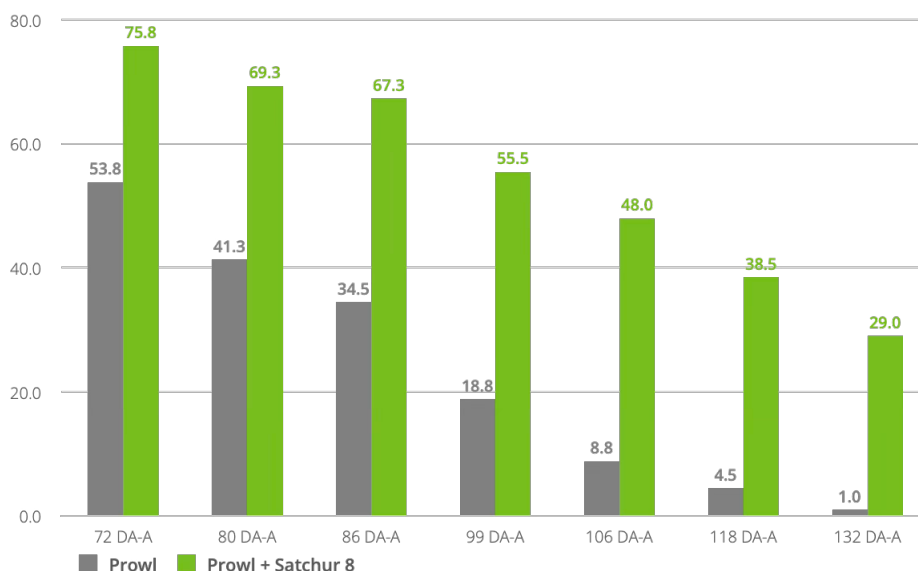
Using technology from human health care to cement cancer drugs to tumors for better control, Satchur 8 holds liquids on leaves and in the upper soil profile, ensuring increased efficacy and extended activity. It works with pre-emergent, post-emergent systemic and post-emergent contact herbicides using cost-effective low use rates.

Improved Pendimethalin Weed Control with Satchur 8

Replicated Trial – Prowl H2O (Pendimethalin) – University of Florida, SWFREC Dr. Ramdas Kanissery

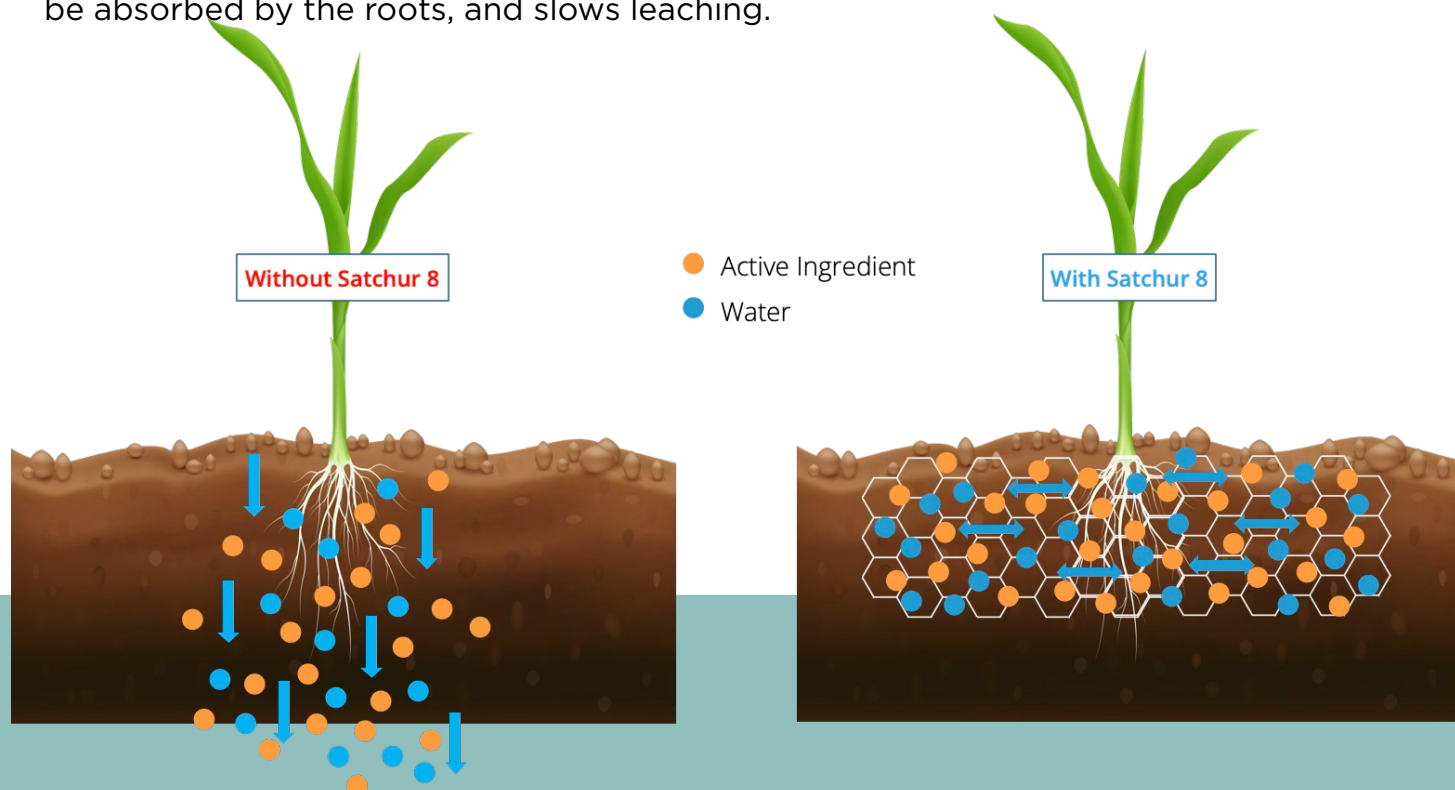
The objective of this trial was to evaluate whether the addition of Satchur 8 to Prowl H2O (pendimethalin) improves weed control. Prowl was sprayed on sandy soil at the U/Florida's SWFREC research center with and without Satchur 8 at 0.1% v/v.

Results show that combining Prowl with Satchur 8 resulted in significant efficacy gains in the second half of the 132-day trial.



Satchur 8's Polymer Mode of Action

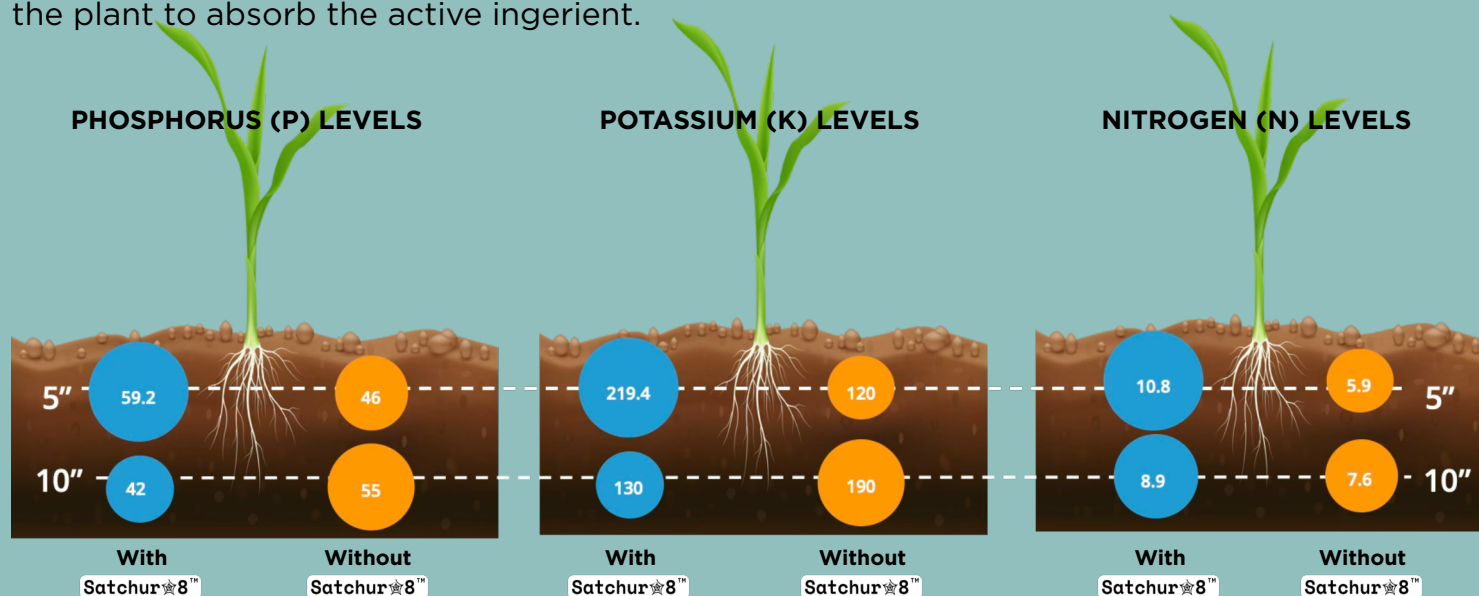
The advanced polymers create a 3D matrix (microscopic mesh) that causes the active ingredients to spread laterally. This increases yields throughout the field, holds active ingredients in the target zone even after irrigation and rainfall events, allowing more to be absorbed by the roots, and slows leaching.



Satchur 8 Slows NPK Leaching

Replicated Trial - TRACS 21RDK03 - Visalia, California - Ron Kukas

An on-Crop trial using moisture sensors and soil tests for evaluation of a 5-hour irrigation schedule, Showed Satchur 8 slows NPK leaching in the target zone, allowing the plant to absorb the active ingredient.





"This is our third year of using Satchur 8. It's part of the mix because it increases the efficacy and longevity of the products we apply. It's a very inexpensive product that makes all the other things work the way they need to."

— Dave Geils, third-generation row crop farmer, Harvard, Ill.

"The first thing I noticed was how easy Satchur 8 was to use. It's a very low-use-rate product. It doesn't take much to treat an entire tank load. But what really mattered was what happened after application. You'd get to that point where there was just a little green left, and then four or five days later everything was completely dead. This is the first year in four or five years that I haven't had to do a single re-spray on any of my cover crop acres, and I attribute that to SATCHUR 8."

— Brent Willin, Seaford, Delaware



"When we avoid re-sprays, that's real money. And it's real money that goes back into the pockets of our farmer customers. I can tell you without reservation that what we experienced last year was that where we used Satchur 8 in historically tough weed control scenarios, our number of spray passes dropped by over 50 percent."

-Mike Twining, Willard Agri-Service LLC

"We've been struggling with herbicides on water hemp, like everybody else has. Satchur 8 helps our pre-emerge applications work longer, and it helped our post-emerge to actually kill weeds in tougher conditions...It's just a better, quicker kill. Typically, we had been at 70 percent or so, but with Satchur 8, we're getting back up to 95 to 98 percent."

— Jim Webb, crop advisor with Conserv FS in northern Illinois

