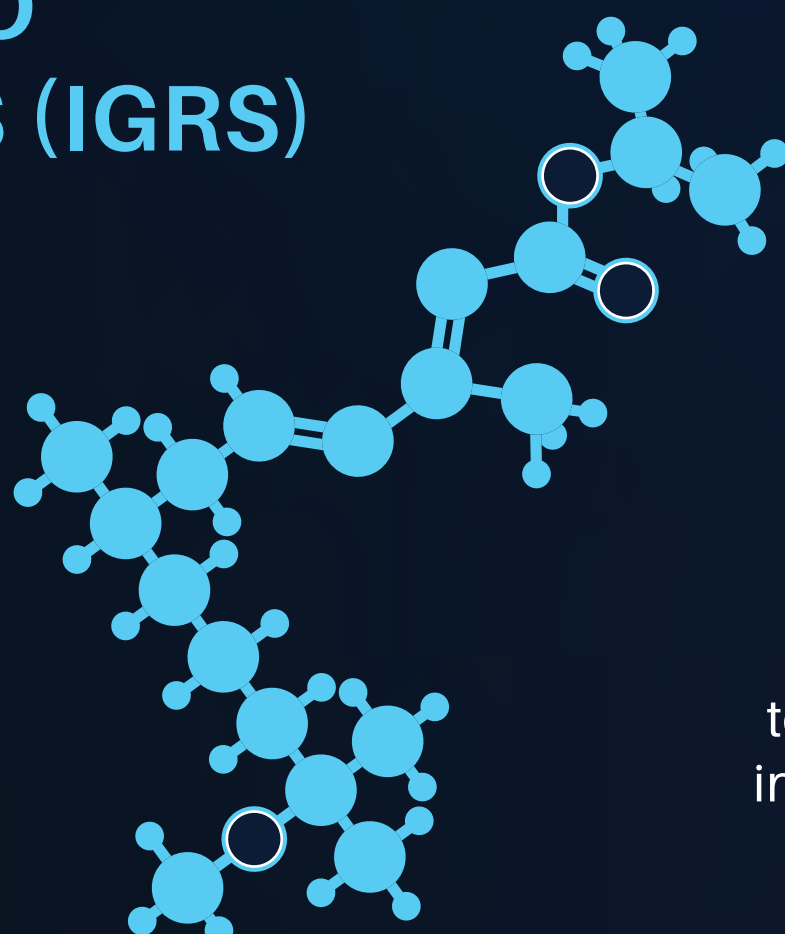


# IGRS: THE FOUNDATION OF SMARTER MOSQUITO CONTROL

## YOUR PROFESSIONAL GUIDE TO INSECT GROWTH REGULATORS (IGRS)

It all began in 1968 when Dr. Carl Djerassi and his team introduced insect growth regulators (IGRs)—a revolutionary breakthrough that changed mosquito control forever.

Since then, we've built on that legacy with precise, environmentally responsible IGRs designed to disrupt mosquito development and protect communities with lasting impact.



(S)-methoprene

## WHAT IS AN IGR?

Our IGRs revolutionized mosquito control by disrupting insect development and reproduction. (S)-Methoprene, our pioneering IGR, breaks the mosquito life cycle, stopping development beyond the pupal stage and preventing adult mosquitoes from emerging. It works in water and affects mosquito larvae on contact or through ingestion.

## WHY IGRS MATTER FOR MADS & PHOS

For decades, MADs and PHOs have trusted our evolving portfolio—built on patented formulations and delivery technologies. IGRs are target-specific, easy on the environment, effective, economical and ideal for proactive prevention of mosquitoes.

## A PORTFOLIO OF PROTECTION

We introduced methoprene over 50 years ago, creating a new class of insect control. To this day, Central Life Sciences continues to lead the industry forward with a growing portfolio of IGRs, including S-hydroprone and s-kinoprene, that support hundreds of industries and applications, including:

FEED-THRU  
FLY CONTROL



PROFESSIONAL  
PEST CONTROL



STORED GRAIN  
PROTECTION



FIRE ANT  
CONTROL

## SUPERIOR CLASS OF SOLUTIONS

Today, our industry leading lineup of IGRs for mosquito control includes:

- Altosid® Liquid Larvicide Mosquito Growth Regulator (SR-5)
- Altosid XR-G®
- Altosid® Briquets
- Altosid® P35
- Altosid XR-G® Ultra
- Duplex-G™ Larvicide



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1968

Dr. Carl Djerassi founded Zoëcon to commercialize his team's revolutionary discovery: insect growth regulators (IGRs).

*"It seemed to us that the world was ready for a new mosquito control."*

- Dr. Carl Djerassi



1975

In a groundbreaking move, the EPA granted full commercial registration to racemic methoprene—marketed as Altosid® SR-10 (now Altosid® Liquid Larvicide).

1986

Altosid® 30-Day Briquets were introduced for effective mosquito control in challenging sites like catch basins, ponds, and ditches.



1990

Altosid® Pellets with DR-tech launched, releasing (S)-methoprene slowly for up to 30 days of residual control—even before flooding.

1997

Altosid XR-G® products were developed for extended, 21-day control of larvae in stagnant water, ideal for large-scale aerial applications.



2017

Altosid® P35 debuted with a unique granule formulation, delivering up to 35 days of control in continuously wet habitats.