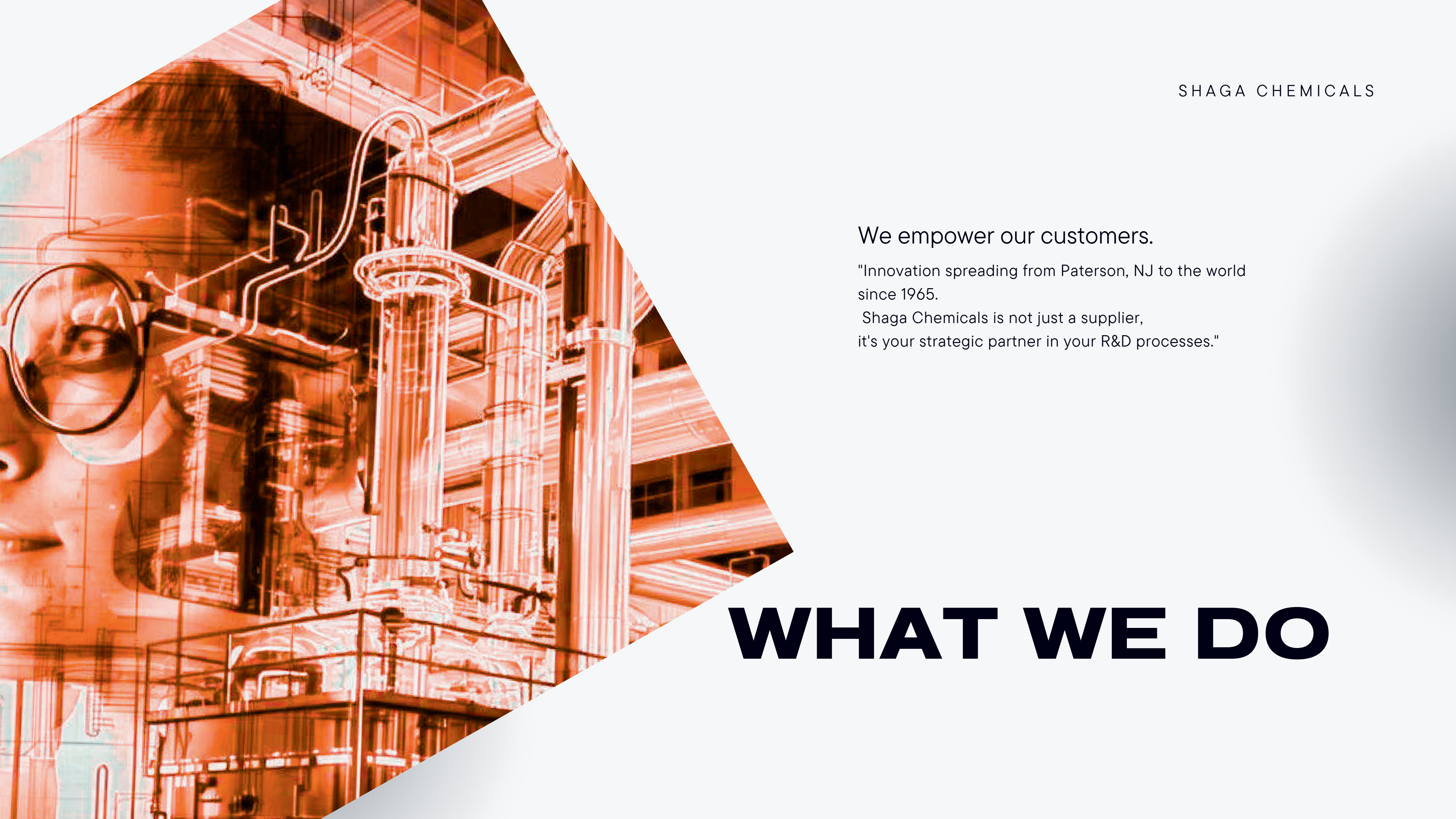


THE SOLUTION IS SIMPLE.





SHAGA CHEMICALS

We empower our customers.

"Innovation spreading from Paterson, NJ to the world since 1965.

Shaga Chemicals is not just a supplier,
it's your strategic partner in your R&D processes."

WHAT WE DO

35% PERMETHRIN + 10% PBO EC

THE SOLUTION IS SIMPLE.

The Ultimate Bio-Chemical Engineering for Total Control

The Emulsion Concentrate (EC) formulation offers superior biological activity through the synergistic effect of Permethrin and PBO.

PBO enhances the effectiveness of Permethrin as a metabolic resistance inhibitor.



Superior Biological Activity

PBO acts as a metabolic resistance inhibitor. It provides broad-spectrum control. It offers improved efficacy against resistant populations.



02

ACEIBY EFFECT:

T.D. (TICK DISRUPTION)

00. ACTIVE:

TICK METABOLIC BREACH
IN PROGRESS

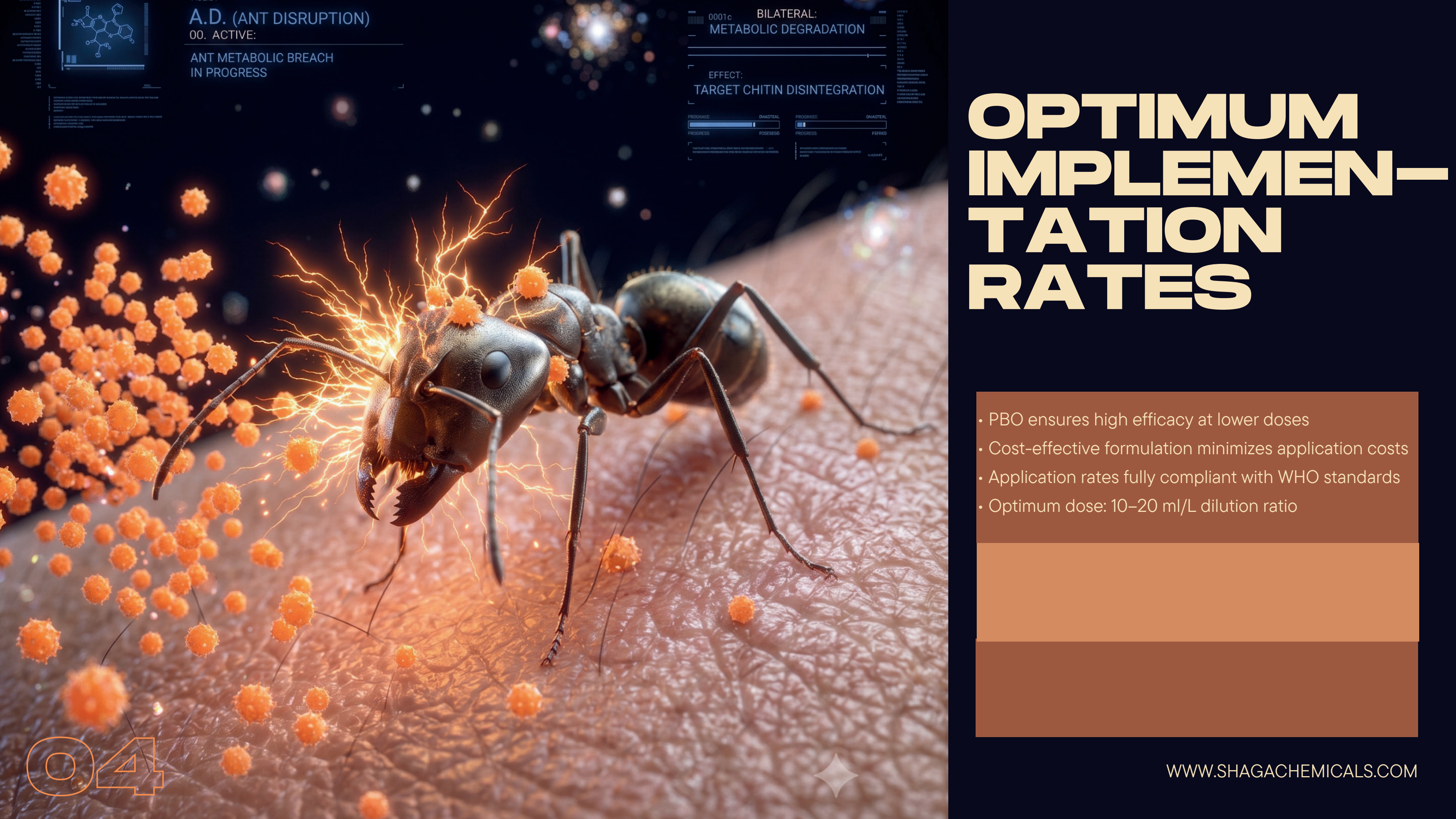
THE SOLUTION IS SIMPLE.

Key Performance Indicators

- Instant results with rapid knockdown effect
- Nervous system disruption targeting the sodium channel
- Sustained activity enhanced with PBO
- Proven efficacy against resistant populations



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A.D. (ANT DISRUPTION)

00. ACTIVE:

ANT METABOLIC BREACH
IN PROGRESS

0001c BILATERAL:
METABOLIC DEGRADATION

EFFECT:
TARGET CHITIN DISINTEGRATION

PROGRACE: DIASTEAL
PROGRESS: FOSESEDO

PROGRACE: DIASTEAL
PROGRESS: FEPRKO

OPTIMUM IMPLEMEN- TATION RATES

- PBO ensures high efficacy at lower doses
- Cost-effective formulation minimizes application costs
- Application rates fully compliant with WHO standards
- Optimum dose: 10–20 ml/L dilution ratio

INSTANT KNOCK— DOWN:

- The synergistic combination of permethrin and PBO combines the strengths of the two active ingredients to deliver superior pest control. This dual-technology approach offers maximum effectiveness against resistant populations.
- The Velocity of Action: Unlike standard formulations, this synergy ensures that the active molecules reach the target's voltage-gated sodium channels at ballistic speeds.
- Neurological Shutdown: It induces immediate paralysis, cutting off the pest's motor functions before it can retreat or seek harborage.



CMR—FREE

The Purest Force of Safety

NO

CARCINOGENIC

Non-Hazardous Matrix: We have replaced traditional toxic carriers with high-purity, bio-aligned solvents that provide a safer environment for both operators and the public.

NO

MUTAGENIC

Next-Gen Bio-Security: Achieving a 100% knock-down effect without compromising long-term human health. It is the perfect balance of "Lethal for Pests, Safe for Life."

NO

REPROTOXIC

Regulatory Supremacy: Exceeds global safety standards, ensuring your operations are future-proof against tightening chemical regulations.

THE SOLUTION IS SIMPLE.

