

US Agricultural Pheromones Market Size study, by Type (Sex Pheromones, Aggregation Pheromones, Others) by Function (Mating Disruption, Detection & Monitoring, Mass Trapping) by Application (Dispensers, Traps, Spray Method) by Crop Type (Field Crops, Orchard Crops, Vegetables, Others) Forecasts 2022-2032

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Abstracts

US Agricultural Pheromones Market is valued at approximately USD 994.96 million in 2023 and is anticipated to grow with a healthy growth rate of more than 16.72% over the forecast period 2024-2032. Agricultural pheromones are chemical substances used in agriculture to manage pests by manipulating their behavior. These pheromones are natural substances that insects produce to attract mates, warn other insects of danger, or find food. In agriculture, pheromones are used in a variety of ways to control insect pests. The most common application is for mating disruption. Mating disruption involves saturating an area with synthetic pheromones, which confuses male insects and makes it difficult for them to find mates. This significantly reduce the population of a pest insect. Also, there is a significant investment in R&D to develop new pheromone formulations and discover pheromones for pests that have not yet been targeted. This includes both academic research and private-sector innovation. Thus, the rise in research and development activities is anticipated to support the market growth.

Moreover, innovations in pheromone synthesis and delivery systems have made these products more effective and easier to use. Improved formulations and dispensing technologies enhance the efficiency and longevity of pheromones in the field. Also, there is a significant shift towards more sustainable and eco-friendly pest control methods with growing concerns over the environmental impact of conventional

pesticides. Pheromones provide a non-toxic alternative to chemical pesticides, aligning with sustainable agricultural practices. Additionally, stricter regulations on the use of chemical pesticides and increased government support for integrated pest management (IPM) practices are driving the adoption of agricultural pheromones. Policies promoting organic farming and sustainable agriculture also boost the market. However, the limited awareness about agricultural pheromones and availability of substitute are expected to hinder the US Agricultural Pheromones Market growth during the forecast period 2024-2032.

Major market player included in this report are:

ISCA Global
Suterra LLC
Provivi, Inc
Company 4
Company 5
Company 6
Company 7
Company 8
Company 9
Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

Sex Pheromones

Aggregation Pheromones

Others

By Function

Mating Disruption

Detection & Monitoring

Mass Trapping

By Application

Dispensers

Traps

Spray Method

By Crop Type

Field Crops
Orchard Crops
Vegetables
Others

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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