

Semiochemicals - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Semiochemicals Market is accounted for \$3.35 billion in 2020 and is expected to reach \$11.55 billion by 2028 growing at a CAGR of 16.7% during the forecast period. The increasing demand for sustainable crop protection solutions strengthened by rising awareness regarding the harmful effects of pesticides is driving the market growth. However, lack of awareness and sufficient knowledge is hampering the growth of the market.

Semiochemicals are biological pesticides, which makes them environmentally as well as organically safe. The term semiochemical is derived from the Greek word “semeon” which means sign or signal. Semiochemicals have the advantage of being used to communicate message over relatively long distances compared with other insect means of communication such as touch. Semiochemicals have different molecular weights depending on carbon chain. They are biologically active at very low concentration in the environment, thus their chemical characterization is complicated.

Based on the crop type, the orchard crops segment is going to have lucrative growth during the forecast period, as consuming organic and clean-label foods is expected to fuel the utilization of these crops period. Semiochemicals are primarily applied on orchard crops as compared to other crop types, such as vegetables and field crops, due to the growing demand for high-value crops among consumers. Also, orchard crops are more susceptible to pests, such as fruit flies, codling moths, and peach tree borers. These have also become one of the crucial tools in the integrated pest management of a variety of vegetable crops as the mode of action of semiochemicals on target pests is indirect and it affects the pest behaviour by attraction or disruption, which prevents any damage to vegetables. The growing popularity of organic crop protection products in crops, such as wheat, rice, soybean, and sorghum, has increased the demand for biological pesticides among farmers for field crops.

By geography, North America is going to have high growth during the forecast period. Due to rise in the adoption of integrated pest control systems for sustainable agriculture. Besides that, the rise in food trade within the region increases the demand for high yielding of good quality food in nations such as Canada, Mexico, and the US. The presence of a large cultivation area provides space for high-value plantation, and this is further anticipated to help this region continue earning high semiochemicals market share in the forecast period as well.

Some of the key players profiled in the Semiochemicals Market include Bedoukian Research, Biocontrol Corp, CBC (Europe) S.r.l, Certis, Corteva Agriscience, Isagro Group, Koppert Biological Systems, Pacific Biocontrol Corp, Pherobank, Rusell IPM, SEDQ, Shin-Etsu and Suterra.

Types Covered:

Pheromones

Allelochemicals

Functions Covered:

Detection & Monitoring

Mass Trapping

Mating Disruption

Crop Types Covered:

Field Crops

Orchard Crops

Vegetable Crops

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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