

# BioControl Agents Market 2017- Global Industry Analysis, Size, Share, Growth, Trends and Forecast By 2022

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PUNE, INDIA, September 4, 2017 /EINPresswire.com/ -- <u>BioControl Agents</u> Market:

## **Executive Summary**

BioControl Agents (BCAs) are beneficial organisms that assist farmers in pest control and plant growth. BCA is one of the emerging trends in the crop protection industry supporting the wider trend of non-chemical pest control. This market encompasses a wide variety of natural enemies which combat different pests in several crop fields. Providers of these products assist the growers in choosing and release of specific BioControl product. Increasing concern on soil fertility, environmental and food contamination related to excess use of chemical pesticides is one of the primary factors that have been driving the growth of this market. However, lack of enough awareness and knowledge among growers



regarding these environmental friendly and effective pest control mechanisms hinders the reach of BioControl products.

The global BCAs market has been analyzed with respect to different parameters such as demand, supply, end-users and providers of BCAs. BCAs market encompasses several types of organisms which differ in size and mode of action. On the basis of active substance, the report is segmented into Microbials, Macrobials, Entomopathogenic nematodes. Microbials are mostly preferred by the out-field growers due to their wide availability, lower cost and their potential to suppress various pests. Beneficial insects are provided in packages which are placed in the field to facilitate their release whereas, microbial products are offered in the form of liquid or granules that are typically distributed through standardized agricultural equipment.

The overall market is also presented from the perspective of different geographic regions and the key countries in each region. North America is the dominant market which held more than one-third share in 2014 and is estimated to be the fastest growing, mainly driven by escalating preference among growers and increasing penetration of IPM practices in the agricultural system of this region. Currently, the BioControl Agents segment accounts to 3%-4% of the global pest

control market. The global BCAs market is estimated to reach \$2,871.6m by 2020 at a CAGR of 13.1%.

On-field is the largest application for BCAs primarily driven by the use of beneficial insects, followed by seed treatment based on micro-organisms based on fungi and bacteria. BCAs market is dominated by five major companies, namely: Bayer CropScience AG, BASF SE (Germany), Syngenta AG (Switzerland), Novozymes A/S (Denmark) and Koppert Biological systems (Netherlands), all of these companies together held a major market share in 2014. These companies have significant presence in the BCAs market with wide product mix and considerable brand image. Other major players in this market include: Monsanto Company Inc. (U.S.), Biobest N.V. and Marrone BioInnovations Inc. (U.S.).

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