

India's industrial biotech witnesses 8% growth

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The bioindustrial sector in India registered an eight percent growth in its revenues with total sales of \$142 million. The multinationals contribute about 65 percent of the market while the rest is met by the local players. However, the share of local players has been increasing over the last three-to-four years as these companies realize the huge potential of food enzymes.

The companies are enhancing their R&D facilities and staff, establishing manufacturing plants, and a comprehensive distribution network. In addition to importing enzymes for different purposes, India also exports enzymes. The domestic sales were \$10 million, while the exports raked \$32 million in revenues during the year.

Top 5 BioIndustrial Companies

| Rank | Company | Revenue in \$ million 2011-12 | Revenue in \$ million 2010-11 | Revenue in \$ million 2009-10 | % Change over 2010-11 |
|------|-----------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------|
| 1 | Novozymes South Asia* | 61 | 51 | 44 | 20 |
| 2 | Advanced Enzymes | 37 | 32 | 24 | 14 |
| 3 | Rossari Biotech* | 16 | 15 | 11 | 7 |
| 4 | Maps (India) | 12 | 10 | — | 18 |
| 5 | Titan Biotech | 5 | 4 | 3 | 17 |

* Estimates

BioSpectrum-ABLE 2012 Survey

The Indian market is spearheaded by global leaders such as

Novozymes South Asia, Danisco, DSM Nutritional, and Chr Hansen. Furthermore, there are many domestic enzyme manufacturers, such as Advanced Enzymes, Lumis, Maps and Anthem. High R&D capital, unclear regulations, and an import-dominated market are some of the reasons leading to fewer domestic participants in the food and beverages sector.

Moreover, the enzymes sector in India has been growing at about eight-to-10 percent in the last 10 years and is expected to see a similar growth percent in 2012-13. Indian industrial enzymes market is at various stages of growth, ranging from penetration to product development.

The pharmaceutical enzymes segment is relatively nascent and is the focus of a small group of specialized manufacturers. Meanwhile, the textile and leather enzyme segments are mature, while the detergent enzymes segment is in the growth stage.