

# The estimated CAGR of herbicide market is 7.8% from 2018 to 2023

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*The herbicide market is driven by increasing yield of crop to fulfill the demand of the increasing population.*

HYDERABAD, TELANGANA, INDIA, September 4, 2018 /EINPresswire.com/ -- BioHerbicides will dominate synthetic herbicide in medium to long term

A herbicide is a toxic substance, used to get rid of unwanted vegetation. It eliminates weed and reduces the manual labor. [Herbicides](#) are classified on the basis of various parameters, such as time of application, molecular structure, formulation, chemical nature etc.

Weed population has become herbicide tolerant because of the excessive use of herbicides such as pigweed, waterhemp and broadleaf weed. As a result of the increasing difficulty in controlling weeds, development of new molecule was required. Creating new molecule requires lots of investment; also it takes many years to clear the relevant testing and regulation hurdles. Thus, no new molecule of herbicide has been developed since 1992.

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In 2017, DuPont introduced post emergence herbicide 'EvepreX' for soybeans which controls waterhemp, palmer amaranth and other pigweed species. Another key player Dow Agro Science introduced pre emergence herbicide 'Elevore' for corn and cotton to kill broadleaf weed and two-pass technique to deal with herbicide resistance weed. In a two-pass program, farmers apply herbicide before planting as well as after planting. This technique helps to control weed and keep them short throughout season.

However, the hazards associated with synthetic herbicide seem to be one of the major challenges towards the growth of the herbicide market. If herbicides are not utilized properly, it can be dangerous to animals as well as to our environment. By changing the nest site and food source, herbicides make it difficult for some species to survive. There has been a constant protests to alter these harmful chemicals with bio-herbicides, which come at higher prices.

The herbicide market is driven by increasing yield of crop to fulfill the demand of the increasing population. Herbicides reduce weed growth and enhance better uptake of nutrition which ultimately improve the crop productivity. Adoption of genetically modified (GM) seed is also boosting the herbicide market. GM seeds are herbicide tolerant, allowing excess spray herbicide to kill weed plant.

Development of new chemicals and application techniques is expected to drive the herbicide market. Some major players of Agro-chemical market such as Bayer, BASF, DuPont and Dow Agro Science are investing heavily in R&D to improve the crop management techniques and develop new herbicide product. In 2017, Bayer Crop Science invested €1166 million (\$1362.64 million) in research and development of new crop protection product and seed varieties. BASF also spent €507 million (\$592 million) on R&D in order to offer more comprehensive solution for crop & pest management. BASF is expecting to launch its innovation by 2027 with projected peak sales of €3.5 billion (\$4.09 billion).

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Various Agro-chemical companies are showing interest in the development of bio-herbicide. Bio-herbicide are not easily available in market, it is sourced from plants or micro-organism. Researchers are still in the process of developing organic bio-herbicides, which can control herbicide resistance weed. There might be delay in launching cheap bio-herbicide at commercial level because of the failure to obtain funding and approval from regulatory bodies. If the future scientists will find a way to increase the yield of source of bio herbicide, it will be available in lower cost.

Herbicides market report is segmented as indicated below

1. Herbicide Market – By Selectivity

1.1. Selective Herbicide

1.2. Non-selective Herbicide

2. Herbicide Market – By Time of action

1.1. Pre plant

1.2. Pre-emergence

1.3. Post-emergence

3. Herbicide Market - By method of application

3.1. Foliar

3.2. Soil

4. Herbicide Market – By mode of action

4.1. Contact Herbicides

4.2. Trans located (systemic ) herbicide

5. Herbicide Market - By Molecular nature

5.1. Organic Herbicide

5.1.1. Oils

5.1.2. Aliphatic

5.1.3. Amides

5.1.4. Benzoic

5.1.5. Carbamate

5.1.6. Thocarbamate

5.1.7. Dithiocarbamate

5.1.8. Bipyridylum

5.1.9. Nitralins

5.1.10. Urea

5.1.11. Uracil

5.1.12. Diphenyl Ether

5.1.13. Ditroanilines

5.1.14. Phenoxy

5.1.15. Triazines

5.1.16. Organic Arsenicals

5.1.17. Others

5.2. Inorganic Herbicide

5.2.1. Acids

5.2.2. Salts

6. Herbicide Market - By Formulation

6.1. Emulsifiable concentrate

6.2. Wetttable powders

6.3. Granules

6.4. Water Soluble Concentrate

7. Herbicide Market – By inhibitors

7.1. Lipid synthesis inhibitor

7.2. Amino acid synthesis Inhibitors

7.3. Growth regulators

7.4. Photosynthesis Inhibitor

7.5. Nitrogen metabolism inhibitor

7.6. Pigment inhibitor

7.7. Cell membrane disrupter

7.8. Seedling root growth inhibitor

7.9. Others

8. Herbicide Market - By application

8.1. Agriculture

8.2. Landscaping

8.3. Golf course

8.4. Forestry

8.5. Others

9. Herbicides Market – By Market Entropy

10. Herbicides Market – By Geography

Companies Cited/Interviewed/Referenced

Bayer

Syngenta

BASF

Dow Agro sciences

Monsanto

DuPont

Makhteshim Agan

Nufarm

Sumitomo chemicals

Arysta Life science

Company 15+

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<https://industryarc.com/Report/15280/adjuvants-market.html>

B. Paraxylene Market

<https://industryarc.com/Report/15972/paraxylene-market.html>

What can you expect from the report?

The Herbicides Market Report is Prepared with the Main Agenda to Cover the following 20 points:

1. Market Size by Product Categories

2. Market trends

3. Manufacturer Landscape

4. Distributor Landscape

5. Pricing Analysis

6. Top 10 End user Analysis

7. Product Benchmarking

8. Product Developments
9. Mergers & Acquisition Analysis
10. Patent Analysis
11. Demand Analysis ( By Revenue & Volume )
12. Country level Analysis (15+)
13. Competitor Analysis
14. Market Shares Analysis
15. Value Chain Analysis
16. Supply Chain Analysis
17. Strategic Analysis
18. Current & Future Market Landscape Analysis
19. Opportunity Analysis
20. Revenue and Volume Analysis

Frequently Asked Questions:

Q. Does IndustryARC publish country, or application based reports in Herbicides Market?  
Response: Yes, we do have separate reports and database as mentioned below:

1. North America Herbicides Market (2018-2023)
2. South America Herbicides Market (2018-2023)
3. Europe Herbicides Market (2018-2023)
4. Asia Pacific Herbicides Market (2018-2023)
5. Middle East and Africa Herbicides Market (2018-2023)
6. Non-selective Herbicide Herbicides Market (2018-2023)
7. Foliar Herbicides Market (2018-2023)
8. Organic Herbicide Market in Herbicides Market (2018-2023)
9. Wettable powders Herbicides Market (2018-2023)
10. Pigment inhibitor Market in Herbicides Market (2018-2023)

Q. Does IndustryARC provide customized reports and charge additionally for limited customization?

Response: Yes, we can customize the report by extracting data from our database of reports and annual subscription databases. We can provide the following free customization

1. Increase the level of data in application or end user industry.
2. Increase the number of countries in geography or product chapter.
3. Find out market shares for other smaller companies or companies which are of interest to you.
4. Company profiles can be requested based on your interest.
5. Patent analysis, pricing, product analysis, product benchmarking, value and supply chain analysis can be requested for a country or end use segment.

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