



ORGANIC FERTILIZERS AND PRODUCTS

BY ECOIL TECHNOLOGIES ORGANIC LAB.

ECOIL
TECHNOLOGIES

Ecoil
technologies



ABOUT ECOIL TECHNOLOGIES



The ECOIL TECHNOLOGIES company was established in 2016 and located in Dubai Science Park, UAE.

A fast growing independent research company focused on the development of oilfield chemicals and bioorganic products with outstanding quality and potential.

The Ecoil Technologies is a multidisciplinary research company with a broad spectrum of research lines, services and products.

The company was established by a group of qualified professionals having extensive knowledge and experience in research and development in oil and gas industry, agriculture and ecology in close cooperation with academic experts.

The company aims at developing products technical know how and providing other contract services.

The company is also active in the area of technology consultancy.



ORGANIC FARMING IS A GLOBAL TREND

Increasing demand for quality and higher crop yields

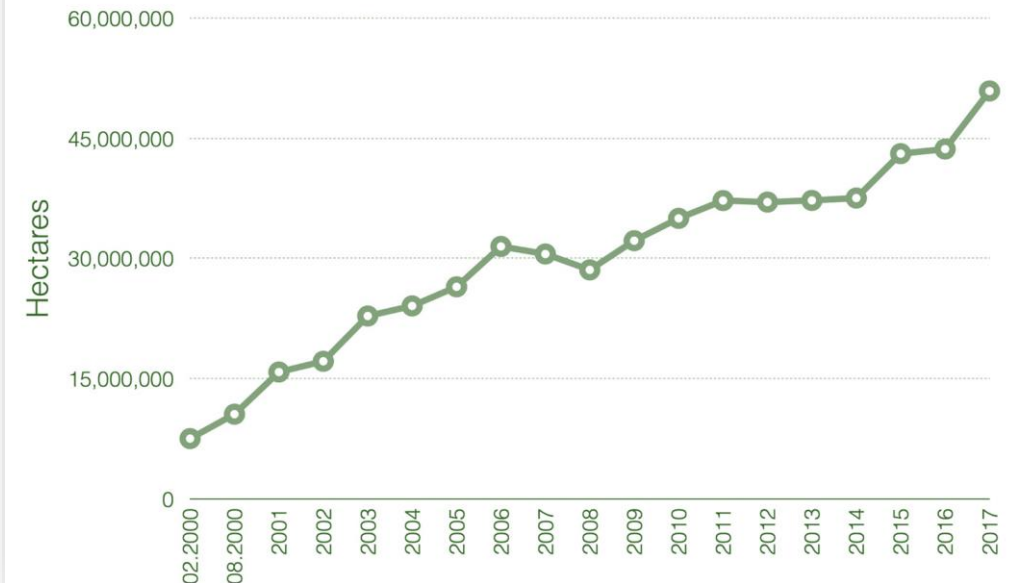
As per the report published by the Food and Agriculture Organization (FAO), the land equipped for irrigation is expected to expand by 32.0 million hectares (11.0%), while harvested irrigated land is expected to expand by 17.0% by 2050. These scenarios are expected to be witnessed in developing countries, which is leading to an insufficient nutrient supply to the crops. This, in turn, is resulting in a lower yield of crops, along with a decline in the quality of the final product.

The growing population across the world is leading to a decline in the proportion of arable land, which is primarily used to produce food. This is necessitating cultivation in poor soils. The application of biological organic fertilizers helps in enhancing the yield and the quality of the soil. Therefore, the application of biological organic fertilizers is expected to improve the bioavailability of all kinds of nutrients. This, in turn, is expected to contribute to productivity, nutrient content, and profitability. Moreover, biological organic fertilizers are less reactive to soil conditions and can significantly enhance nutrient uptake and utilization efficiencies. This is expected to improve the quality of the crop. When biological organic fertilizers are properly used to replenish nutrients removed in previous crops, they are expected to improve the productivity of farms.

An increase in farm productivity is beneficial to the environment, primarily due to the lower requirement of land, labor, and energy per unit of output. Owing to the increasing organic area under cultivation, coupled with the increasing demand for good-quality crop, the cultivators are expected to use biological organic fertilizers, instead of excessive synthetic fertilizers.



World Organic Agriculture





SO, WHY ECOIL TECHNOLOGIES SOLUTION...?



Our team has developed a unique technology for production of highly efficient organic fertilizers and products for ecological farming based on 100% natural raw materials widely available in the world.




We strive to think globally, enriching the available natural resources with innovative technologies and thus maintaining the integrity of the environment and caring for its ecology. In doing so, our main goal is to ensure high profitability in organic farming.





ORGANIC MARKET OVERVIEW



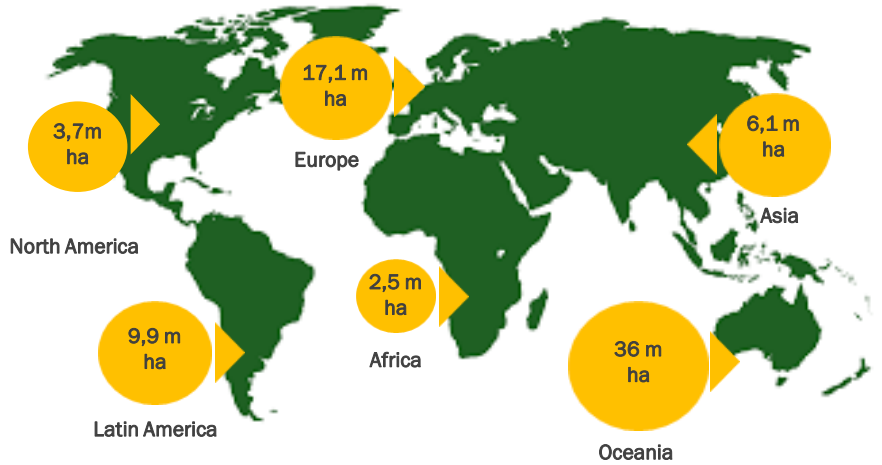
Rising awareness about organic food among people across the world is one of the factors that is projected to accelerate the growth of the organic food market.

Moreover, rising public concern over the use of hazardous chemicals in agriculture & farming, as well as their detrimental health effects on consumers, has resulted in an increase in demand for organic foods globally.

In addition to this, rising prevalence of chronic diseases such as cancer, diabetes, and cardiovascular diseases, infectious disease, as well as the burden of healthcare expenditure and the health-consciousness trend is driving consumers to adopt healthy and high-quality foods and beverages.

Market opportunities - world statistics of organic farming 2020 *

Organic farming 2020



74,9 m ha

Organic farmland in million hectares

190

Countries with organic farming

+ 4,1 %

From 2019

Top 3 countries (land in million of hectares)



Organic producers 2020

The number of organic producers is increasing

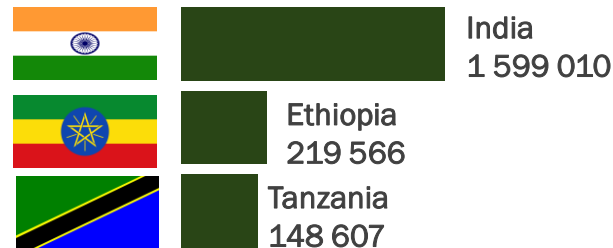
3,4 million

Organic farmers

+7,6 %

From 2019

Number of producers:
Top 3 countries



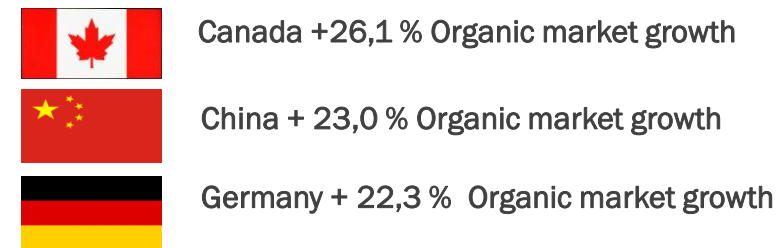
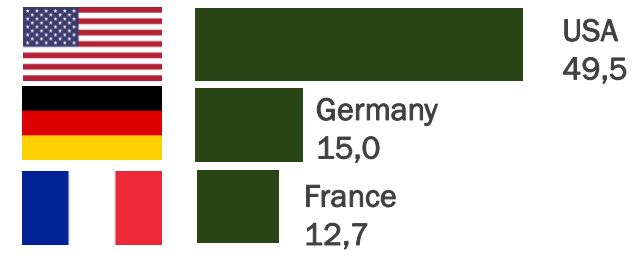
Organic market 2020

The global market is growing and consumer demand is increasing

More than
120,6

Global organic food market
in billion euros

Top 3 countries (market in billion euros)



Global Organic Fertilizers Market will reach \$ 19 billion by 2025

MARKET GROWTH FACTORS

- government support and subsidies for ecological farming
- farmers and end users favorable perception
- organic fertilizer production requires less investment while having greater benefits

* according to FIBL & IFOAM





ECOIL TECHNOLOGIES ORGANIC PRODUCTS

OUR COMPANY DEVELOPED AND PRODUCE SEVERAL TYPES OF ORGANIC PRODUCTS IN 4 DIFFERENT SECTORS:

1. Organic agriculture sector
2. Conventional farming sector
3. Enhancement and recovery of soils sector
4. Organic waste management sector





INITIAL LIST OF PRODUCTS

| No | Product Name | Main Component |
|-----------------------------------|------------------------------|------------------------------|
| ORGANIC LIQUID FERTILIZERS | | |
| 1. | Ecoil Pioneer Liquid Organic | Sugar industry waste |
| 2. | Ecoil Kelp Liquid Organic | Seaweeds |
| 3. | Ecoil Fish Liquid Organic | Fish industry waste |
| 4. | Ecoil Pioneer Mustard Liquid | Mustard waste |
| 5. | Ecoil Pioneer Blood Liquid | Blood waste |
| 6. | Ecoil Pioneer Feather Liquid | Feather meal |
| 7. | Ecoil Pioneer Bone Liquid | Bone waste |
| 8. | Ecoil Mix Full Power Liquid | Multi industries waste |
| 9. | Ecoil Mix Super Liquid | Multi industries waste |
| 10. | Ecoil Mix Fast Liquid | Multi industries waste |
| 11. | Ecoil Manure Liquid | Pig manure |
| ORGANIC DRY FERTILIZERS | | |
| 12. | Ecoil Groundcore Dry | Sunflower oil industry waste |
| 13. | Ecoil Kelp Dry | Seaweeds |
| 14. | Ecoil Fish Dry | Fish industry waste |
| 15. | Ecoil Alfa Plus Dry | Alfa Alfa production waste |
| 16. | Ecoil Camelina Dry | Camelina production waste |
| 17. | Ecoil Mustard Dry | Mustard waste |
| 18. | Ecoil Blood Dry | Blood waste |
| 19. | Ecoil Bone Dry | Bone waste |
| 20. | Ecoil Feather Dry | Feather meal |
| 21. | Ecoil Chicken Dry | Chicken manure |
| 22. | Ecoil Rapeseed Dry | Rapeseed oil industry waste |
| 23. | Ecoil Mix Fresh Dry | Multi industries waste |
| 24. | Ecoil Mix Growht Dry | Multi industries waste |
| 25. | Ecoil Mix Start Dry | Multi industries waste |
| ORGANIC PLANT NUTRIENTS | | |
| 26. | Ecoil Mix Nutrients Liquid | Multi industries waste |
| 27. | Ecoil Mix Nutrients Dry | Multi industries waste |



| No | Product Name | Main Component |
|--|--|---------------------------------------|
| ORGANOMINERAL LIQUID FERTILIZERS | | |
| 28. | Ecoil Super AN Liquid | Ammonium nitrate organic mix |
| 29. | Ecoil Super CAN Liquid | Calcium ammonium nitrate organic mix |
| 30. | Ecoil Super CNS Liquid | Calcium nitrogen sulphate organic mix |
| 31. | Ecoil Super MAP Liquid | Monoammonium Phosphate organic mix |
| 32. | Ecoil Super NPK Liquid | NPK Organic mix |
| 33. | Ecoil Super NPKS Liquid | NPKS Organic mix |
| 34. | Ecoil Super N Liquid | Urea organic mix |
| ORGANOMINERAL DRY FERTILIZERS | | |
| 35. | Ecoil Super AN Dry | Ammonium nitrate organic mix |
| 36. | Ecoil Super CAN Dry | Calcium ammonium nitrate organic mix |
| 37. | Ecoil Super CNS Dry | Calcium nitrogen sulphate organic mix |
| 38. | Ecoil Super MAP Dry | Monoammonium Phosphate organic mix |
| 39. | Ecoil Super NPK Dry | NPK Organic mix |
| 40. | Ecoil Super NPKS Dry | NPKS Organic mix |
| 41. | Ecoil Super N dry | Urea Organic mix |
| ECOIL ORGANIC INSECTICIDES LIQUID | | |
| 42. | Ecoil Organic Insecticide Liquid | Neem oil industry waste |
| 43. | Ecoil Organic Bactericide Liquid | Camelina oil industry waste |
| 44. | Ecoil Organic Pesticide Liquid | Sugar industry waste |
| ECOIL ORGANIC INSECTICIDES DRY | | |
| 45. | Ecoil Organic Insecticide Dry | Neem oil industry waste |
| 46. | Ecoil Organic Bactericide Dry | Camelina oil industry waste |
| 47. | Ecoil Organic Pesticide Dry | Sugar industry waste |
| ECOIL ORGANIC PRODUCTS | | |
| 48. | Ecoil Sunset Bio- Soil Improver | Sugar industry waste |
| 49. | Ecoil Companion-Manure Treatment | Sugar industry waste |
| 50. | Ecoil Companion- Septic Tank Liquid | Sugar industry waste |
| 51. | Ecoil Companion- Organic Waste Cleaner | Sugar industry waste |
| 52. | Ecoil Sunset Bio- Bioremediation Of Soil | Sugar industry waste |
| 53. | Ecoil Sunset Bio- Soil Recovery | Sugar industry waste |



THANK YOU



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