

Bayer CropScience Committed to Agriculture, Committed to Muskegon

Bayer CropScience, located at 1740 Whitehall Road in North Muskegon, produces and packages



high-quality crop protection products for distribution to markets all over the world.

We have been a part of Muskegon

for more than 30 years, previously operating as a division of companies such as Fisons, Nor-Am, AgrEvo and Aventis. Our premier liquid herbicides, insecticides and fungicides are formulated for use on crops such as cotton, corn and potatoes. Our goal is the production of environmentally compatible products that help farmers safeguard their crops and maximize their yields in order to meet the world's growing demand for food, fiber and fuel.

We currently employ approximately 50 people at our North Muskegon operation, a production facility with laboratory, manufacturing, packaging and warehousing capabilities that sits on a large 400-acre wooded site. Our workforce is comprised of experienced, highly-skilled people who integrate knowledge and chemistry to produce the industry's finest products in a safe, environmentally-conscious environment.



Bayer CropScience

For more information about Bayer CropScience Muskegon, please contact:

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Bayer CropScience

Muskegon, Michigan



Safety has always been and will continue to be our top priority, and we are committed to keeping the community informed about our environmental and safety programs. Because chemical production involves the use of potentially hazardous products, we have numerous safeguards in place to prevent incidents before they occur. Some of the key elements of our safety program include close coordination with area fire departments and HAZMAT teams, 24-hour security, ongoing safety audits and employee safety training. We are also an active participant in the Muskegon Industrial Safety Team (MIST), which allows local industries and emergency response teams to work together



to improve communication and share ideas for enhanced safety initiatives.

We are active in the community in many other ways. We support organizations like United Way, the Muskegon County Museum, the Frauenthal Theater and the West Shore Symphony. We promote community education through activities such as Muskegon Community College Mayfest, and Making Science Make Sense®, our corporate initiative to develop enthusiasm for science among schoolchildren through hands-on, inquiry-based learning.

As a subsidiary of Bayer CropScience AG, we are part of an international research-based corporation that employs more than 19,000 people worldwide.



We are an active participant in our company's leading-edge science technology and we join in our company's commitment to these corporate values:

- A passion for our customers, employees, suppliers, shareholders and community
- Integrity, openness and honesty
- Respect for people and nature
- A will to succeed

We at Bayer CropScience Muskegon are very proud of our people, our operation, our environmental and safety achievements, and the quality of our crop protection products. It is through empowered and engaged people that we will succeed globally, and continue our ongoing commitment to the Muskegon community.



Bayer CropScience has been manufacturing crop protection, specialty and commodity chemicals for more than 30 years.



The Bayer CropScience property in Muskegon, Michigan is ISO 9000-certified, and is a clean, safe and secure site situated on 400 acres of wooded land near Lake Michigan. A 40-acre, fully fenced production facility sits at the center of the property, which is currently staffed by 75 Bayer CropScience employees and partners.

Bayer CropScience Muskegon Infrastructure specifications

Water

- Three water wells with a current capacity of 600 gpm (2,270 l/min)
- 1 million gallon (3,785,000 l) water storage capacity
- Cooling tower loop 4,700 gpm (17,790 l/min)
- Process water loop throughout site a 1,000 gpm (3790 l/min)
- Soft water 80 gpm (300 l/min)
- Potable water piping network with 65 psig (4.5 bar)

Natural gas

- 6" plastic underground gas main pipe, rated at 86,000 cfh at 18 psig (2,400 m³ and 1.2 bar)
- Underground piping network at 2 psig (0.14 bar)

Power

- Two independent main feeds, 3 MW each
- Power distribution via site overhead and underground network at 12,400 volts with transformers to each building

Nitrogen

- 23,000 gallon storage tank at 140 psig (50 m³ at 10 bar) with evaporators
- Above ground distribution piping network at 90 psig (6.2 bar)

Steam

- High pressure – 3,200 lbs./hour at 250 psig (1.6 t/hr at 17.2 bar)
- Medium pressure – 68,000 lbs./hour at 150 psig (31 t/hr at 10 bar)
- 150 psig (10 bar) above ground distribution system

Site infrastructure

- Total site – 400 acres (162 ha)
- Developed – 40 acres (17 ha)
- All roadways within developed area are paved or concrete; others are "two tracks"
- Pipe bridges connected to all production facilities
- Above ground and underground IT network/phone distribution system connected to all buildings

Waste

- Pre-treatment liquid waste facility with duplex, three cell system for production wastewater, and sanitary sewer system. Both tie into county wastewater system.

For more information contact:

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Bayer CropScience

An Overview of the
Opportunities and Capabilities
at the Bayer CropScience Facility
in Muskegon, Michigan



Bayer CropScience property



Rail



Office space



Lab/Quality control



Packaging



Warehousing



★ The Muskegon site

The Bayer CropScience property in Muskegon, Michigan includes a 3-story chemical production facility with up to 35,000 square feet available for lease. The space is ideal for life science and bio-science operations due to several features such as on-site access to:

- Steam
- Power
- Nitrogen
- Compressed Air
- Natural Gas
- Water
 - Well
 - Process
 - Potable
 - Soft Water
 - Cooling Capabilities
 - Muskegon County Wastewater Facility



The site also has on-site access to rail and truck loading/off-loading.

Services can be customized to meet the needs of the tenant, and can range from leasing space and utilities to contracting for labor, logistics, engineering, maintenance, lab support, or accounting functions.

Logistics

The Muskegon property is easily accessible and is in close proximity via several modes of transportation:

Highway

The site is approximately 4 miles from US-31. It is directly connected to Whitehall Road, a "class A" road running north/south with convenient access to US-31 in either direction.

Rail

The property has its own rail spur with three separate branches on-site.

Air

Muskegon County Airport is just 8 miles away and offers a direct connection to Detroit. The Grand Rapids/Kent County International Airport is approximately 50 miles away with connections to most major airports.

Water

Muskegon Harbor on Muskegon Lake is a deep water port, and is approximately 4 miles away.

Available office space

A 3,750 sq. ft. freestanding office building is available for lease. The building is equipped with a conference room and a break room, and is wired for network access throughout. The building is also within easy walking distance of all production facilities and has ample designated parking.

Lab/Quality control

Lab space, including offices is available for lease and lab services are available on a contract basis. The lab is outfitted with gas and liquid chromatography and infrared analysis equipment, and has full wet chemistry capabilities. Several full-time chemists are on staff with services available on a contract basis.

Packaging capabilities

Includes a 2.5 gallon jug filling line with speeds up to 16 jugs per minute (a truck load in 2 hours), and has drum, minibulk (60 – 280 gal.), isotainer, truck and railcar filling capabilities.

Warehousing

Space in a 20,000 sq. ft. fully enclosed, heated warehouse is available for lease. The space is also furnished with a sprinkler fire protection system and several loading docks for semi-trailers.

Space in a second 1,000 sq. ft. building rated for flammable goods is also available for lease. It is equipped with a CO2 fire suppression system.