

Monsanto



W.G. KRUMMRICH PLANT

DSW 134579

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INTRODUCTION

The Monsanto Krummrich Plant is proud to be a part of the Metro East area. We are your neighbors, and we would like you to know more about us.

We have been in operation here for over 70 years. And over the years, we have developed a legacy for building strong relationships with our employees, our neighbors, our suppliers and our customers. That is a reputation we have to earn and strive to renew every day.

Our standing in the community is built on a foundation of honest commitments:

- We are committed to making safety the number one priority at our plant — every minute of the day.
- We are committed to what we call Total Quality — continuously improving the quality of everything we do.
- We are committed to making products that are useful to society.
- We are committed to our community. Each year we provide jobs, pay taxes, and participate in community activities. Our employees volunteer for many local organizations. We also contribute through the Monsanto Fund to many important and worthwhile community organizations.

We take these commitments very seriously. They are the backbone of everything we do. We are proud of our outstanding employees here at the W.G. Krummrich Plant and proud of our role in Monsanto Company.

This booklet has been created as a way to answer some of your questions about us. We encourage your comments and suggestions.

COMMITTED TO SAFETY

At Monsanto, when we say "safety first," we mean it. Safety is our number one priority...all the time! The Krummrich Plant's safety philosophy reaches out to every employee on every job...then reaches out into the community.

The Krummrich Plant was one of the founding co-sponsors of the St. Clair County Community Awareness and Emergency Response (CAER) Program, which seeks to improve the protection of public health and safety in the community. CAER is a detailed emergency response plan which involves local public safety officials and industry to provide procedures for handling emergencies and for communicating safety information to area residents.

Krummrich also sponsors safety and emergency training for area fire departments and has a reciprocal agreement with Scott Air Force Base for the use of foam to fight certain chemical fires. We also have our own fire department, an emergency response team, and an Emergency Medical Technician squad in the plant. Several of our employees serve as volunteer fire fighters in their local communities.

Within the plant, we constantly work to ensure that our safety equipment is the most modern available and that Krummrich employees are well trained on equipment usage and chemical handling. They constantly receive retraining

and updates on safety procedures. In addition, we monitor the entire safety process on a regular basis, from the receipt of raw materials to the manufacture of our final products.

We continuously seek safety improvements to our procedures, equipment and training programs. In fact, a large percentage of our employees actively serve on area safety committees.

Numerous programs within the plant ensure that safety is our number one priority. Our TAKE TWO program requires the personal involvement and commitment of every employee. The central theme of TAKE TWO is *personal* responsibility for having the right tools and job knowledge and for taking the right safety actions to prevent injury.

Each employee attends an annual all-day safety training seminar. We have also had an active industrial hygiene program since 1975. Elements of that program include hearing conservation, hazard training, respirator training, and other projects important to ensuring the health and safety of our employees.

At the Krummrich Plant, we're dedicated to truly making safety our number one priority.



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COMMITTED TO ENVIRONMENTAL PROTECTION

Over the years, the Krummrich Plant commitment to the environment has been a direct result of our commitment to safety and Total Quality. In fact, sound environmental management is a cornerstone of Monsanto corporate policy.

At Krummrich, our emphasis is on environmental control. We constantly monitor plant operations and conduct periodic internal plantwide audits to ensure regulatory compliance. New projects are reviewed and are required to utilize the best technology for emission reductions. We continuously invest in process improvements to reduce emission potential. In 1984, the Krummrich Plant led the chemical industry by installing a community warning system.

Over the years, we have also continued to upgrade wastewater treatment systems for the plant and surrounding communities. Monsanto has been instrumental in upgrading and building wastewater facilities including the American Bottoms Regional Wastewater Treatment Facility — which was financed by a \$42 million bond issue backed by industrial commitments. American Bottoms stands as a major landmark to community-industry cooperation to meet community needs.

At Krummrich, safety far exceeds any regulations set by the government. For example, our Hazardous Waste Management plan exceeds regulatory requirements and meets the demanding Monsanto worldwide environmental guidelines. A major objective of this plan is to convert from landfill methods to incineration or other processes which render all wastes non-hazardous or immobile.

Our safety concern goes well beyond our own fenceline. Our ongoing training program qualifies our emergency response employees to help handle chemical transportation emergencies.

At Krummrich, we are relentless in our pursuit of environmental excellence. We step up to the challenge of meeting changing government regulations. Where possible, we voluntarily implement controls and procedures beyond what the law requires. We recognize that, while producing top quality chemicals is important, we must work to ensure the health of our employees and our community. Clean air, water and land are essential to our success and the quality of life for our neighbors.



COMMITTED TO QUALITY

Quality Product

Total Quality is not just a slogan. At Monsanto, it is the way we do business. We stress continuous improvement in everything we do. Total Quality is helping to make our work as safe as possible...and ensuring that the community and the environment are not adversely affected by our activities.

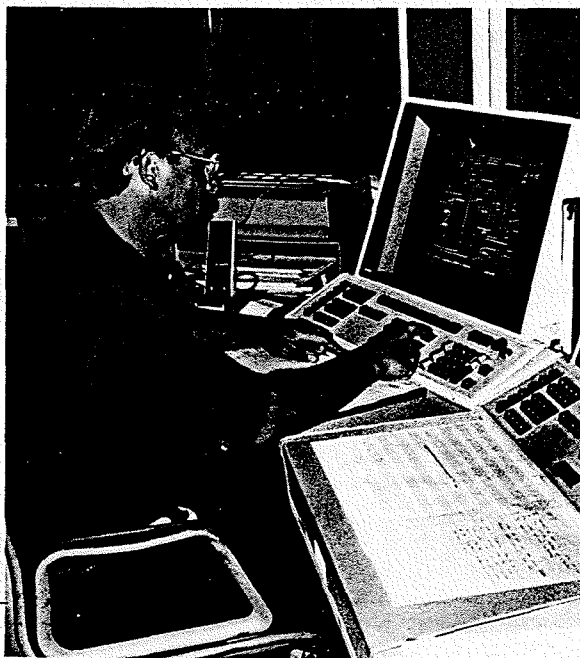
The Krummrich Plant is committed to safely producing the highest quality chemicals with minimal environmental impact. Our leading-edge Computer Integrated Manufacturing systems work to improve our safety performance, to decrease the variability in our products, to enhance the quality of our operations overall, and to make our plant competitive on a worldwide basis.

Perhaps the concept of Total Quality is best represented by our plant's *Total Quality Credo*:

"We, the employees of Monsanto's W.G. Krummrich Plant, are committed to Total Quality as a way of life, so that we consistently satisfy current and emerging customer needs by providing products, services and information that are free of:

- Avoidable surprises
- Deviations
- Rework
- Hassle

"We plan to gain the quality edge on our competition and maintain this by an ongoing program of continual quality improvement."



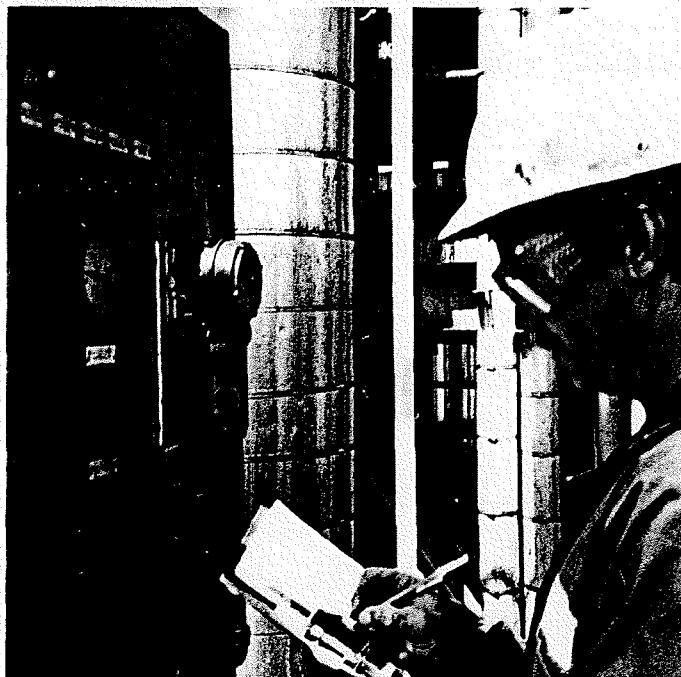
In other words, we choose to be the best because the best have the competitive edge. This is our commitment to our customers, to our community and to ourselves—to meet the needs of today and tomorrow.

From Quality People

Naturally, the most important part of the Total Quality commitment is our people. Monsanto employees play a vital role in continuously improving everything we do. They are driven by our customers' needs, the community's concerns, and their own desire to succeed.

The Monsanto Krummrich Plant employs more than 800 people from the community — including I.C.W.U. Local 12 and A.F.P.O. Local 19 — all of whom participated in Total Quality training. Many are serving on Quality Improvement Teams. (QIT). These teams include people from all levels of the organization, giving people closest to the work an opportunity to share their expertise. QITs work together to solve problems and to implement improvements of all kinds.

Krummrich employees are dedicated to Total Quality and to achieving excellence in everything they do through continuous improvement. They have a high sense of loyalty and dedication to their plant and their community, and a tremendous desire to see the Krummrich Plant become the best chemical plant in the world.



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COMMITTED TO SERVING OUR COMMUNITY

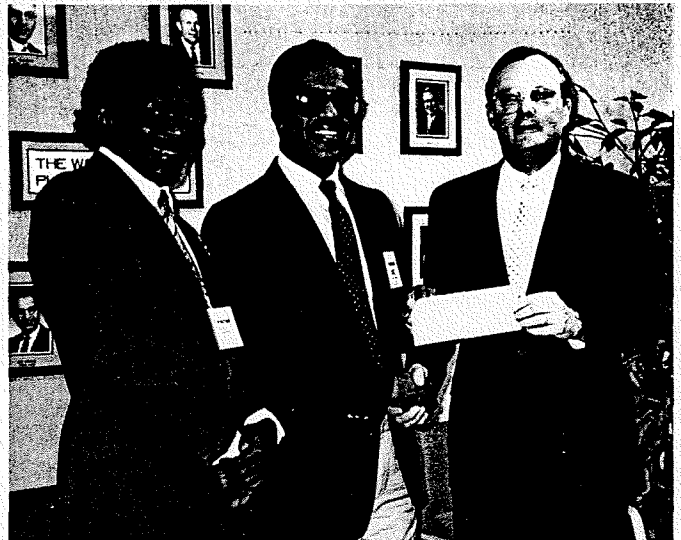
At Monsanto, we care about our community. That concern is shown in many ways...in our safety programs...in our commitment to environmental protection...in our leadership in civic organizations...in our financial support for community activities and programs.

Our commitment to the community goes hand in hand with our commitment to Total Quality. We want to serve the Metro East area and to be responsible neighbors in every way possible.

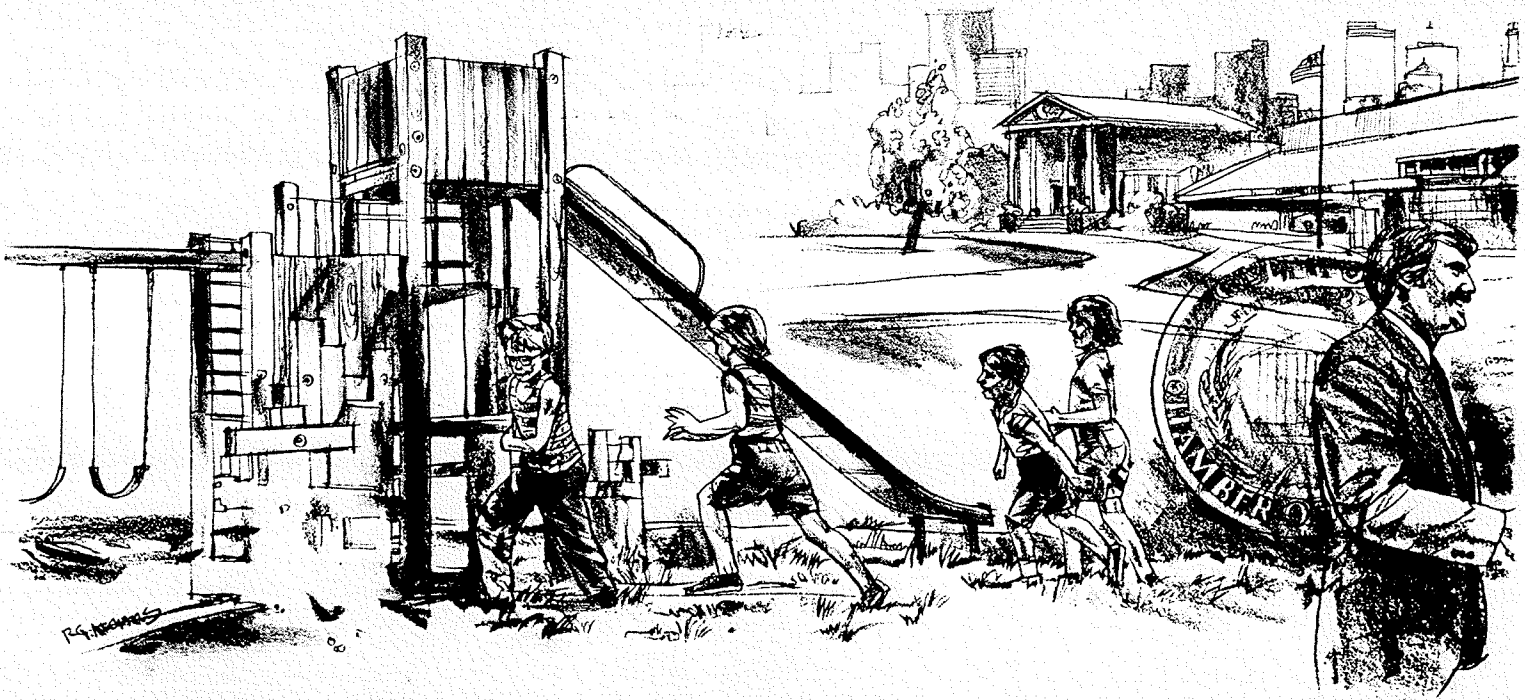
This commitment starts inside the plant, where we conduct safety programs to train and protect our employees. We believe these activities also help to protect the community. Other community safety activities include CAER drills, plant tours for fire departments, Monsanto-paid training for fire fighters, and the list goes on.

The Krummrich Plant and its employees are actively involved in the community, providing guidance, business and professional expertise, and charitable and financial support.

Our Junior Achievement program is the largest and most effective in the area. Our employee Charity Fund is con-



sistently the top contributor to the Illinois Division of the United Way. We are one of the largest blood donors in the area, too, with a goal of more than 400 pints a year.



Other community programs our employees support include the East Side Associated Industries Club, the United Way, the Boy Scout Explorers Career Program, and St. Mary's Hospital of East St. Louis, just to name a few. In fact, our employees regularly receive Monsanto Volunteer Excellence Awards in recognition of their community involvement.

Why does Monsanto put so much effort into community affairs? Because we want to give something back to the communities in which we operate. We think we have a responsibility to our neighbors and employees who make the Metro East area a great place to live.

The Krummrich Plant and its people have always tried to live up to this responsibility. We have played a prominent role in the economic development of the area. Plant employees have been active in politics, civic and volunteer groups, and community government.

Over the years, our people have contributed their time and effort to numerous community projects. The Monsanto Krummrich Plant has been a major contributor to these local organizations:

- Target 2000
- The Urban League
- Area fire and police departments
- Big Brothers/Big Sisters
- Leadership Council of Southwestern Illinois
- Call for Help
- H.I.S. K.I.D.S. for seriously ill children
- Local schools

And those are just some of the examples of the community concern we show every day. We plan to try to increase our level of involvement in the years to come, and hope that our efforts will make the community an even better place to live.

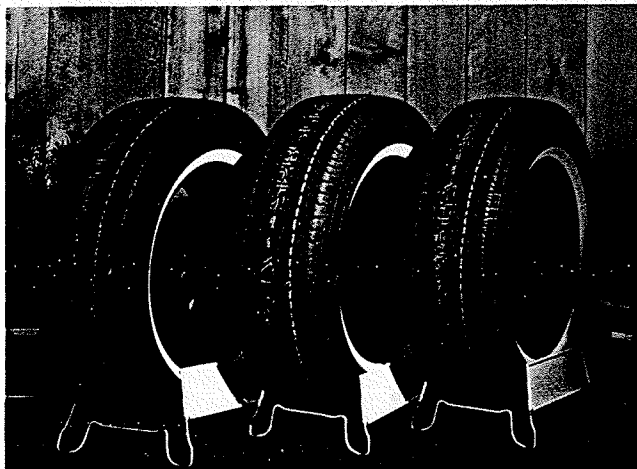


CHEMICALS TO MAKE YOUR LIFE RICHER

Products from the Krummrich Plant touch your life every day. They are found in the tires on your car, in the cleansers you use to scour your sink, and in the paints you use to spruce up your house in the spring. Our products are in plastics, agricultural chemicals, paper, and pesticides...to name a few.

We make 15 different chemical products at the Krummrich Plant. They have names like *Santoflex* rubber processing chemicals, Paranitroaniline, and Muriatic Acid. And although the names may not be household words, they are important to all Americans. In fact, many of the top quality chemicals in the world are made right here at the Krummrich Plant.

Our plant produces products in the ~~Specialty Chemicals, Detergents and Phosphates, and Rubber Chemicals Division~~ of Monsanto Chemical Company. Specialty Chemicals are used to make products ranging from Anacin-3 to *Lasso* herbicide to scouring powders to swimming pool disinfectants.



Products in our Detergents line go into pesticides, oil additives, ~~Roundup~~ herbicide, medicines, and dyes. Tires and rubber hoses are just a couple of the products that depend on our Rubber Chemicals.

At Krummrich, our goals are to produce the highest quality products and to provide superior customer service. We won't settle for anything less.

Santoflex, *Lasso* and *Roundup* are registered trademarks of Monsanto Company.

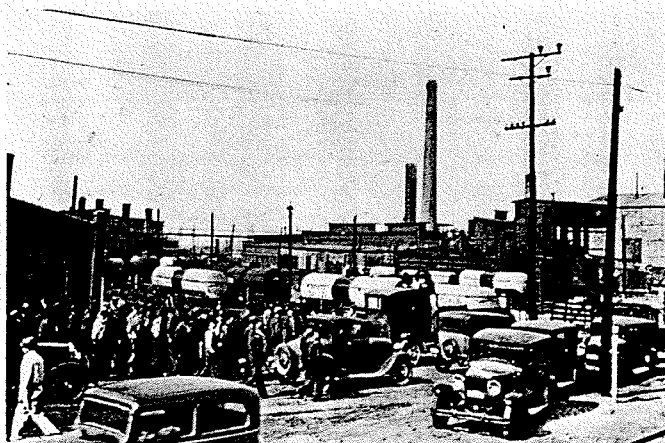


PLANT HISTORY

The Krummrich Plant is the second oldest in the Monsanto family. Our plant began operation in 1907 when it was known as the Commercial Acid Company. Monsanto bought Commercial Acid in 1917 and called the new location Plant B.

During the 1930's, Plant B saw considerable expansion. The Sauget Village wastewater treatment system began construction of sewers and a pump station during that period. This was the beginning of a long tradition of cooperation between the community and area industry.

The 1950's brought more new products and facilities. The employees petitioned the Monsanto Executive Committee in 1951 to change the name of Plant B to the William G. Krummrich Plant. The new name was chosen to honor their former plant manager who had become a Monsanto vice president before his death that same year.



As it has for nearly seven decades, the Krummrich Plant operates 24 hours a day, seven days a week, making the products which, in large part, improve our everyday lives. Krummrich is on the leading edge of technology and operates the most advanced Computer Integrated Manufacturing system in the industry. We are proud of our technical excellence and proud of our employees. Because of employee dedication and experience, Krummrich continues to be one of the most respected chemical plants in the world.



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MONSANTO GENERAL INFORMATION

Monsanto is a multinational company engaged in researching, manufacturing and marketing a widely diversified line of high quality products including chemical and agricultural products, pharmaceuticals, low-calorie sweeteners, industrial process controls, man-made fibers, plastics and electronic materials.

The company was founded in 1901 by John F. Queeny. Today, Monsanto employs nearly 32,000 in the United States and 18,000 internationally.

Six operating companies comprise today's Monsanto.

Monsanto Chemical Company (MCC) is the largest of Monsanto's operating units. It is a world leader in high-performance materials, including detergent products, man-made fibers, plastics, resin products, rubber chemicals, specialty chemicals and other products. MCC products are manufactured and developed in 37 wholly-owned plants and seven laboratories/technical centers around the world.

Monsanto Agricultural Company brings together high technology chemicals and products in plant and animal sciences to serve agricultural and related industries around the world.

Monsanto Electronic Materials Company is a worldwide leader in the production of silicon-wafer products used for the manufacture of integrated circuits and other semiconductors.

Fisher Controls International, Inc. is a wholly-owned subsidiary of Monsanto Company. It is a leading international

supplier of cost-effective products, services and solutions used in process control and process plant automation. These include control valves and regulators, measurement instrumentation, gas separation processes and PROVOX instrumentation systems.

The NutraSweet Company is a wholly-owned subsidiary of Monsanto Company. It is a worldwide manufacturer and marketer of *NutraSweet* brand sweetener, a nutritive sweetening ingredient, and in the United States, *Equal*, a low-calorie tabletop sweetener made with *NutraSweet*.

G.D. Searle and Co. is a research-based company which develops, manufactures and markets prescription pharmaceuticals throughout the world. It is a wholly-owned subsidiary of Monsanto. Searle's product line focuses on the cardiovascular, gastrointestinal, anti-infective, bronchodilator and fertility areas of therapy.



WE SUPPORT YOUR RIGHT-TO-KNOW ABOUT OUR BUSINESS

Chemicals are the building blocks of life. Everything from the air we breathe to the earth underfoot is made of chemicals and chemical compounds. Monsanto uses nature's basic ingredients, combining them in new ways to make products which are part of everyday life. Our chemicals can be found in products like carpet fibers, detergents, rubber tires, flooring tile and safety glass.

While it is hard to imagine life as we know it without chemicals, life with chemicals requires care as some can be dangerous if used improperly. Monsanto is in the chemical business. We make and use several thousand chemicals in plants and laboratories located around the world. We have great respect for those materials and follow

strict requirements for handling them safely and in a way that does not adversely affect our employees, the community or the environment.

Monsanto believes that people who live near chemical plants have a right to know about the chemicals manufactured, transported, emitted or stored at that plant and about our operations.

After reading this brochure, you probably now know more about us than you once did. However, occasional questions may come up. We welcome the opportunity to answer your questions and share with you more information about our plant.

If you have any questions, drop us a line ...

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