History
The Lathrop and Helm facilities, whose individual plants were built in the 1950s, have been operated since the 1980s by the J.R. Simplot Company. Collectively, the complex employs about 190 people in a wide array of occupations, including operations, engineering, logistics, marketing and quality assurance. Both sites integrate new technology on a continuous basis. The Lathrop facility lowers product costs by producing steam power on-site to run production units.

Local Economic Benefits
Through its diverse range of operations, the Lathrop-Helm complex annually contributes at least $50 million to the local economy. Specifically, $10.4 million is channeled into the local economy each year through salaries, wages and benefits; and over $42 million is paid to more than 200 area suppliers for a variety of goods and services.

Consumer Benefits
Together, the Lathrop and Helm facilities produce high-quality fertilizer for professionals in agriculture, the turf trade, nurseries, the feed business and industrial. Located in one of the country’s largest production centers for fruits and vegetables, the facilities manufacture products that play an integral role in bringing fresh foods to America’s dinner tables. Improving the efficiency of crop production also has a ripple effect of societal benefits. For example, fertilizers help reduce the need for increased crop acreage, which in turn helps to preserve wildlife habitat.

Safety and Environment
Employees and management of the Lathrop-Helm Facilities Complex are committed to providing a safe, secure worksite for themselves, visitors and the surrounding communities. The J.R. Simplot Company and California Manufacturing Management are committed to responsible environmental stewardship.

How We Make Fertilizer

Products
- Liquid Ammonium Nitrates
- Nitric Acids
- Calcium Ammonium Nitrate (CAN-17®)
- Urea Ammonium Nitrate (UAN-32)
- Liquid Ammonium Phosphate
- Pelleted Ammonium Phosphates
- Feed Phosphates
- Ammonium Sulfate
- Sulfuric Acid
- Ammonium Hydroxide

Raw Materials Used
The Lathrop-Helm Complex uses ammonia, urea, nitric acid, phosphoric acid, limestone, sulfur, potash, air and water in the production of nitrogen, phosphate, potash, and sulfur products.
One day’s average production and/or distribution of liquid and dry products from the Lathrop-Helm Complex would cover over 22,000 acres in a single application—the equivalent of more than 170 golf courses.

**Lathrop-Helm**

![Map of Lathrop-Helm facilities](image)

**Simplot Mining & Manufacturing**

**SYSTEM OVERVIEW**

**The Lathrop-Helm Complex**

With fertilizer manufacturing facilities located in Lathrop and Helm, California, the Lathrop-Helm Facilities Complex comprises two of four manufacturing plants in the J.R. Simplot Company’s AgriBusiness Group. The Lathrop facility is close to Stockton, in the northern San Joaquin Valley, and is located near railroads, highways and an inland port, allowing efficient distribution to both domestic and foreign markets.

Twenty-five miles southwest of Fresno, the Helm facility is positioned to provide products to the San Joaquin Valley and surrounding agricultural areas. Capabilities within the complex are quite diverse. For example, blending and various packaging, bagging and loading operations are performed at Lathrop, while the Helm facility is a key storage and distribution point for products from various Simplot locations. Other facilities in the AgriBusiness Group and the principal products they produce or handle include:

**Don Plant–Pocatello, Idaho**
- Dry and Liquid Phosphate
- Dry and Liquid Nitrogen Fertilizers
- Feed Phosphates
- Purified Phosphoric Acid
- Sulfuric Acid

**Vernal, Utah and Rock Springs, Wyoming**
- Phosphoric Acid (54%)
- Super Phosphoric Acid (68%)
- MAP (Monoammonium Phosphate), a dry, granulated fertilizer
- FSA (Fluorosilicic Acid)

**Smoky Canyon: Idaho-Wyoming Border**
- Phosphate Ore

**Import Terminals**
- Portland, Oregon
- Stockton, California
- Point Comfort, Texas

**Corporate Information**

The AgriBusiness Group is part of the J.R. Simplot Company, a privately held agribusiness company. With facilities throughout the western United States and in Canada, the AgriBusiness Group is focused on meeting the needs of its customers through the environmentally conscious extraction of natural resources, the manufacturing of fertilizers and the distribution of the highest-quality agricultural products. Along with the rest of the J.R. Simplot Company, the employees of the AgriBusiness Group recognize and embrace the responsibilities that fall to a company dedicated to Bringing Earth’s Resources to Life.