

CF Industries Holdings, Inc.  
Form 10-K  
February 26, 2009

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 10-K**

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(Mark  
One)

- ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934  
For the fiscal year ended December 31, 2008**
- OR**
- TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934  
Commission file number 001-32597**

**CF INDUSTRIES HOLDINGS, INC.**

(Exact name of Registrant as specified in its charter)

<b>Delaware</b>	<b>20-2697511</b>
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)

<b>4 Parkway North, Suite 400, Deerfield, Illinois</b>	<b>60015</b>
(Address of principal executive offices)	(Zip Code)
Registrant's telephone number, including area code <b>(847) 405-2400</b>	
Securities Registered Pursuant to Section 12(b) of the Act:	

Title of each class	Name of each exchange on which registered
Common Stock, \$0.01 par value per share	New York Stock Exchange, Inc.
Preferred Stock Purchase Rights	
Securities Registered Pursuant to Section 12(g) of the Act: None	

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes  No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

## Edgar Filing: CF Industries Holdings, Inc. - Form 10-K

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer <input type="checkbox"/>	Accelerated filer <input type="checkbox"/>	Non-accelerated filer <input type="checkbox"/>	Smaller reporting company <input type="checkbox"/>
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Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes  No

The aggregate market value of the registrant's common stock held by non-affiliates was \$8,592,410,193 based on the closing sale price of common stock on June 30, 2008.

48,393,284 shares of the registrant's common stock, \$0.01 par value per share, were outstanding at January 31, 2009.

### **DOCUMENTS INCORPORATED BY REFERENCE**

Portions of the registrant's definitive proxy statement for its 2009 annual meeting of stockholders (Proxy Statement), which is expected to be filed with the Securities and Exchange Commission pursuant to Regulation 14A on or about Friday, April 3, 2009, are incorporated herein by reference into Part III of this Annual Report on Form 10-K.

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**CF INDUSTRIES HOLDINGS, INC.**

**PART I**

**ITEM 1. BUSINESS.**

**Our Company**

*All references to "CF Holdings," "the Company," "we," "us" and "our" refer to CF Industries Holdings, Inc. and its subsidiaries, including CF Industries, Inc., except where the context makes clear that the reference is only to CF Holdings itself and not its subsidiaries. All references to "our pre-IPO owners" refer to the eight stockholders of CF Industries, Inc. prior to the consummation of our reorganization transaction and initial public offering (IPO) which closed on August 16, 2005.*

We are one of the largest manufacturers and distributors of nitrogen and phosphate fertilizer products in North America. Our operations are organized into two business segments: the nitrogen segment and the phosphate segment. Our principal products in the nitrogen segment are ammonia, urea and urea ammonium nitrate solution (UAN). Our principal products in the phosphate segment are diammonium phosphate (DAP), monoammonium phosphate (MAP) and granular muriate of potash (potash). For the twelve months ended June 30, 2007, the most recent period for which such information is available from the Association of American Plant Food Control Officials, we supplied approximately 22% of the nitrogen and approximately 14% of the phosphate used in agricultural fertilizer applications in the United States. Our core market and distribution facilities are concentrated in the Midwestern U.S. grain-producing states.

Our principal assets include:

the largest nitrogen fertilizer complex in North America (Donaldsonville, Louisiana);

a 66% economic interest in the largest nitrogen fertilizer complex in Canada (which we operate in Medicine Hat, Alberta, through Canadian Fertilizers Limited (CFL);

one of the largest integrated ammonium phosphate fertilizer complexes in the United States (Plant City, Florida);

the most-recently constructed phosphate rock mine and associated beneficiation plant in the United States (Hardee County, Florida);

an extensive system of terminals, warehouses and associated transportation equipment located primarily in the Midwestern United States; and

a 50% interest in KEYTRADE AG (Keytrade), a global fertilizer trading company headquartered near Zurich, Switzerland.

For the year ended December 31, 2008, we sold 6.1 million tons of nitrogen fertilizers and 1.8 million tons of phosphate fertilizers, generating net sales of \$3.9 billion.

Our principal executive offices are located outside of Chicago, Illinois, at 4 Parkway North, Suite 400, Deerfield, Illinois 60015. Our Internet website address is [www.cfindustries.com](http://www.cfindustries.com).

We make available free of charge on or through our Internet website, [www.cfindustries.com](http://www.cfindustries.com), all of our reports on Forms 10-K, 10-Q and 8-K and all amendments to those reports as soon as reasonably practicable after such material is filed electronically with, or furnished to, the Securities and Exchange Commission (SEC). Copies of our Corporate Governance Guidelines, Code of Corporate Conduct and charters for the Audit Committee, Compensation Committee, and Corporate Governance and Nominating Committee of our Board of Directors are also available on our Internet website. We will provide electronic or paper copies of these documents free of charge upon request. The SEC also



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maintains a website at [www.sec.gov](http://www.sec.gov) that contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC.

**Company History**

We were founded in 1946 as a fertilizer brokerage operation by a group of regional agricultural cooperatives seeking to pool their purchasing power. During the 1960s, we expanded our distribution capabilities and diversified into fertilizer manufacturing through the acquisition of several existing plants and facilities. During the 1970s and again during the 1990s, we expanded our production and distribution capabilities significantly, spending approximately \$1 billion in each of these decades.

Through the end of 2002, we operated as a traditional supply cooperative. Our focus was on providing our pre-IPO owners with an assured supply of fertilizer. Typically, over 80% of our annual sales volume was to our pre-IPO owners. Though important, financial performance was subordinate to our mandated supply objective.

In 2002, we reassessed our corporate mission and adopted a new business model that established financial performance, rather than assured supply to our pre-IPO owners, as our principal objective. A critical aspect of the new business model was to establish a more economically driven approach to the marketplace. We began to pursue markets and customers and make pricing decisions with a primary focus on financial performance. One result of this approach was a substantial shift in our customer mix. By 2008, our sales to customers other than our pre-IPO owners and Viterra, our joint venture partner in CFL, reached approximately 53% of our total sales volume for the year, which was more than double the comparable percentage for 2002.

In August 2005, we completed our initial public offering of common stock and listing on the New York Stock Exchange. We sold approximately 47.4 million shares of our common stock in the offering and received net proceeds, after deducting underwriting discounts and commissions, of approximately \$715.4 million. We did not retain any of the proceeds from the IPO. In connection with the IPO, we consummated a reorganization transaction whereby we ceased to be a cooperative. In the reorganization transaction, our pre-IPO owners' equity interests in CF Industries, Inc., now our wholly-owned subsidiary, were cancelled in exchange for all of the proceeds of the offering and approximately 7.6 million shares of our common stock.

**Operating Segments**

Our business is divided into two operating segments, the nitrogen segment and the phosphate segment. The Nitrogen segment includes the manufacture and sale of ammonia, urea, and UAN. The phosphate segment includes the manufacture and sale of DAP, MAP and the sale of potash.

***Nitrogen Segment***

We are one of the leading nitrogen fertilizer producers in North America. Our primary nitrogen fertilizer products are ammonia, urea and UAN. Our historical sales of nitrogen fertilizer products are shown in the following table. The sales shown do not reflect amounts used internally in the

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manufacture of other products (for example in 2008, we used about 2.2 million tons of ammonia in the production of urea and UAN).

	2008		2007		2006	
	Tons	Net Sales	Tons	Net Sales	Tons	Net Sales
(tons in thousands; dollars in millions)						
<b>Nitrogen Fertilizer Products</b>						
Ammonia	1,079	\$ 604.1	1,434	\$ 556.0	1,226	\$ 443.7
Urea	2,617	1,208.3	2,701	889.0	2,619	657.0
UAN	2,405	772.6	2,754	591.8	2,420	416.8
Other nitrogen fertilizers <sup>(1)</sup>	40	6.1	49	5.1	45	4.4
<b>Total</b>	<b>6,141</b>	<b>\$2,591.1</b>	<b>6,938</b>	<b>\$2,041.9</b>	<b>6,310</b>	<b>\$1,521.9</b>

(1) Other nitrogen segment products include aqua ammonia.

Gross margin for the nitrogen segment was \$770.3 million, \$446.8 million and \$98.5 million for the fiscal years ended December 31, 2008, 2007 and 2006, respectively.

Total assets for the nitrogen segment were \$758.2 million and \$593.9 million as of December 31, 2008 and 2007, respectively.

We operate world-scale nitrogen fertilizer production facilities in Donaldsonville, Louisiana and Medicine Hat, Alberta, Canada. We own the Donaldsonville nitrogen fertilizer complex and have a 66% economic interest in CFL, a Canadian joint venture that owns the Medicine Hat nitrogen fertilizer complex. The combined production capacity of these two facilities represented approximately 20% of North American ammonia capacity, 34% of North American dry urea capacity and 18% of North American UAN capacity in 2008.

The following table summarizes our nitrogen fertilizer production volume for the last three years at our facilities in Donaldsonville, Louisiana and Medicine Hat, Alberta.

	December 31,		
	2008	2007	2006
(tons in thousands)			
Ammonia <sup>(1)(2)</sup>	3,249	3,289	3,158
Granular urea <sup>(2)</sup>	2,355	2,358	2,334
UAN (28%)	2,602	2,611	2,336

(1) Gross ammonia production, including amounts subsequently upgraded on-site into urea and/or UAN.

(2) Includes total production of the Donaldsonville and Medicine Hat facilities, including the 34% interest of Viterro, our joint venture partner in Canadian Fertilizers Limited.

*Donaldsonville Nitrogen Complex*

The Donaldsonville nitrogen fertilizer complex is the largest nitrogen fertilizer production facility in North America. It has four world-scale ammonia plants, four urea plants and two UAN plants. It has the annual capacity to produce approximately 2.3 million tons of ammonia (most of which is typically upgraded into urea and UAN), 2.6 million tons of liquid urea (including amounts upgraded into UAN) and 2.7 million tons of

UAN (measured on a 28% nitrogen content basis). With the UAN plants



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operating at capacity, approximately 1.7 million tons of granular urea can be produced. Granular urea production can be increased to 2 million tons per year if UAN production is reduced.

We believe that this facility is the most versatile nitrogen fertilizer production complex in North America. With multiple production units for each product, the complex has considerable flexibility to adjust its product mix. Donaldsonville is located near the mouth of the Mississippi River and has three docks that can be used simultaneously under most river conditions. In addition, Donaldsonville is located on the Union Pacific railroad and a 2000-mile ammonia pipeline, providing us with flexible and competitively priced transportation to our in-market nitrogen fertilizer terminals and warehouses by rail and pipeline, as well as by barge. The facility is capable of docking and unloading into its storage system ocean-going ship loads of ammonia and UAN, providing us with direct access to global suppliers. The complex has on-site storage for 70,000 tons of ammonia, 135,000 tons of UAN (measured on a 28% nitrogen content basis) and 83,000 tons of granular urea, providing us with flexibility to handle temporary disruptions to shipping activities without impacting production and also flexibility to purchase and store liquid product for resale.

*Medicine Hat Nitrogen Complex*

Medicine Hat is the largest nitrogen fertilizer complex in Canada. It has two world-scale ammonia plants that have a combined gross annual production capacity of approximately 1.3 million tons and a world-scale urea plant that has a gross annual production capacity of 810,000 tons. The complex has on-site storage for 60,000 tons of ammonia and 70,000 tons of urea, providing flexibility to handle temporary disruptions of outbound shipments.

The Medicine Hat facility is owned by CFL. We own 49% of the voting common stock of CFL and 66% of CFL's non-voting preferred stock. Viterra owns 34% of the voting common stock and non-voting preferred stock of CFL. The remaining 17% of the voting common stock of CFL is owned by GROWMARK, Inc. (GROWMARK) and La Coop fédérée. We designate four members of CFL's nine-member board of directors, Viterra designates 3 members and GROWMARK and La Coop fédérée each designate one member. CFL is a consolidated variable interest entity in our financial statements.

We operate the Medicine Hat facility and purchase approximately 66% of the facility's ammonia and urea production, pursuant to a management agreement and a product purchase agreement. Both the management agreement and the product purchase agreement can be terminated by either CF Industries, Inc. or CFL upon a twelve-month notice. Viterra has the right, but not the obligation, to purchase the remaining 34% of the facility's ammonia and urea production under a similar product purchase agreement. To the extent that Viterra does not purchase its 34% of the facility's production, we are obligated to purchase any remaining amounts. Since 1995, however, Viterra or its predecessor has purchased at least 34% of the facility's production each year.

Under the product purchase agreements, both we and Viterra pay the greater of operating cost or market price for purchases. However, the product purchase agreements also provide that CFL will distribute its net earnings to Viterra and us annually based on the respective quantities of product purchased from CFL. Our product purchase agreement also requires us to advance funds to CFL in the event that CFL is unable to meet its debts as they become due. The amount of each advance would be at least 66% of the deficiency and would be more in any year in which we purchased more than 66% of Medicine Hat's production. A similar obligation also exists for Viterra. We and Viterra currently manage CFL such that each party is responsible for its share of CFL's fixed costs and CFL's production volume is managed to meet the parties' combined requirements. The management

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**CF INDUSTRIES HOLDINGS, INC.**

agreement, the product purchase agreements and any other agreements related to CFL are subject to change with the consent of both parties.

*Nitrogen Fertilizer Raw Materials*

Natural gas is the principal raw material, as well as the primary fuel source, used in the ammonia production process at both the Donaldsonville and the Medicine Hat facilities. In 2008, our natural gas purchases accounted for approximately 56% of our total cost of sales for nitrogen fertilizers and a higher percentage of cash production costs (total production costs less depreciation and amortization). Donaldsonville is located in close proximity to one of the most heavily-traded natural gas pricing basis in North America, known as the Henry Hub. Medicine Hat is located in close proximity to one of the most heavily-traded natural gas pricing basis in Canada, known as AECO.

We use a combination of spot and term purchases of varied duration from a variety of suppliers to maintain a reliable, competitively-priced natural gas supply. In addition, we use certain financial instruments to hedge natural gas prices.

In 2008, the Donaldsonville nitrogen fertilizer complex consumed approximately 78 million MMBtus of natural gas. The facility has access to five natural gas pipelines and obtains gas from several suppliers. In 2008, the largest individual supplier provided approximately 54% of the Donaldsonville facility's total gas requirement. The Medicine Hat complex consumed approximately 41 million MMBtus of natural gas in 2008. The facility has access to two natural gas pipelines and obtains gas from numerous suppliers, the largest of which supplied approximately 27% of the gas consumed in 2008.

*Nitrogen Fertilizer Distribution*

The Donaldsonville nitrogen fertilizer complex, which is located on the Mississippi River, includes a deep-water docking facility, access to an ammonia shipping pipeline, and truck and railroad loading capabilities. We ship our share of ammonia and urea produced at the Medicine Hat nitrogen fertilizer complex by truck and rail to customers in the United States and Canada and to our storage facilities in the northern United States.

Ammonia, urea and UAN from Donaldsonville can be loaded into river barges and ocean-going vessels for direct shipment to domestic customers, for transport to storage facilities, or for export. We own six ammonia river barges with a total capacity of approximately 16,400 tons. We contract on a dedicated basis for tug services and the operation of these barges. We have 20 UAN river barges contracted on a dedicated basis with a total capacity of approximately 60,000 tons. Additional ammonia and UAN barge capacity is contracted for as needed. River transportation for urea is provided primarily under an agreement with one of the major inland river system barge operators.

The Donaldsonville facility is connected to a 2,000-mile long ammonia pipeline used by several nitrogen producers to transport ammonia to over 20 terminals and shipping points located in the Midwestern U.S. cornbelt. We are a major customer of this ammonia pipeline. In 2008, approximately 63% of our ammonia shipments from our Donaldsonville nitrogen fertilizer complex were transported via the ammonia pipeline.

We also transport substantial volumes of urea and UAN from the Donaldsonville nitrogen fertilizer complex and ammonia and urea from the Medicine Hat nitrogen fertilizer complex by rail. In addition to using rail cars provided by the rail carriers, as of December 31, 2008, we had leases in place for approximately 600 ammonia tank cars, 1,100 UAN tank cars and 600 dry product hopper cars.

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We are a major manufacturer of phosphate fertilizer products. Our main phosphate fertilizer products are DAP and MAP. We have also started to purchase potash fertilizer to be resold from our Midwest market distribution facilities. Sales of potash are expected to commence in the spring 2009 season. Potash results are included in the phosphate segment.

Our historical sales of phosphate fertilizer products are shown in the table below.

	2008		2007		2006	
	Tons	Net Sales	Tons	Net Sales	Tons	Net Sales
	(tons in thousands; dollars in millions)					
<b>Phosphate Fertilizer Products</b>						
DAP	1,532	\$ 1,165.0	1,624	\$ 579.4	1,676	\$ 407.3
MAP	255	165.0	370	135.4	414	103.7
Total	1,787	\$ 1,330.0	1,994	\$ 714.8	2,090	\$ 511.0

Gross margin for the phosphate segment was \$452.4 million, \$223.2 million and \$48.7 million for the fiscal years ended December 31, 2008, 2007 and 2006, respectively.

Total assets for the phosphate segment were \$764.1 million and \$493.5 million as of December 31, 2008 and 2007, respectively.

Our phosphate fertilizer manufacturing operations are located in central Florida and consist of a phosphate fertilizer chemical complex in Plant City and a phosphate rock mine, a beneficiation plant and phosphate rock reserves in Hardee County. We own each of these facilities and properties.

The following table summarizes our phosphate fertilizer production volumes for the last three years and current production capacities for phosphate-related products.

	December 31,			Normalized Annual Capacity
	2008	2007	2006	
	(tons in thousands)			
<b>Hardee Phosphate Rock Mine</b>				
Phosphate rock	3,443	3,233	3,805	3,500
<b>Plant City Phosphate Fertilizer Complex</b>				
Sulfuric acid	2,448	2,531	2,598	2,800 <sup>(1)</sup>
Phosphoric acid as P <sub>2</sub> O <sub>5</sub> <sup>(2)</sup>	985	976	1,009	1,055 <sup>(1)</sup>
DAP/MAP	1,980	1,948	2,023	2,165 <sup>(1)</sup>

(1) Reflects debottlenecking projects, which have increased our total capacity.

(2) P<sub>2</sub>O<sub>5</sub> is the basic measure of the nutrient content in phosphate fertilizer products. Phosphoric acid capacity is based on captive sulfuric acid capacity.

Table of Contents**CF INDUSTRIES HOLDINGS, INC.***Hardee County Phosphate Rock Mine*

In 1975, we purchased 20,000 acres of land in Hardee County, Florida that was originally estimated to contain in excess of 100 million tons of recoverable rock reserves. Between 1978 and mid-1993, we operated a one million ton per year phosphate rock mine on a 5,000-acre portion of these reserves.

In 1992, we initiated a project to expand and relocate mining operations to the remaining 15,000-acre area of the reserve property. The new phosphate rock mine cost \$135 million and began operations in late 1995. In 1997, we added approximately 20 million tons to our reserve base through an exchange with a neighboring rock producer. In 1999, we acquired 1,400 acres containing an estimated 8 million tons of rock reserves. In 2008, we acquired approximately 800 acres of land containing an estimated 1.6 million tons of rock reserves.

The table below shows the estimated reserves at the Hardee phosphate complex as of December 31, 2008. Also reflected in the table is the grade of the reserves, expressed as a percentage of bone phosphate of lime (BPL) and P<sub>2</sub>O<sub>5</sub>. Finally, the table also reflects the average values of the following material contaminants contained in the reserves: ferrous oxide (Fe<sub>2</sub>O<sub>3</sub>) plus aluminum oxide (Al<sub>2</sub>O<sub>3</sub>) and magnesium oxide (MgO).

**PROVEN AND PROBABLE RESERVES<sup>(1)</sup>**  
**Hardee Phosphate Complex**  
**As of December 31, 2008**

	Recoverable Tons <sup>(2)</sup> (in millions)	%	%	%	%
		BPL	P <sub>2</sub> O <sub>5</sub>	Fe <sub>2</sub> O <sub>3</sub> + Al <sub>2</sub> O <sub>3</sub>	MgO
Permitted	49.7	64.68	29.60	2.37	0.78
Pending permit	32.6	64.45	29.50	2.40	0.80
Total	82.3	64.59	29.56	2.38	0.79

(1) The minimum drill hole density for the proven reserves classification is 1 hole per 20 acres.

(2) The reserve estimates provided have been developed by the Company in accordance with Industry Guide 7 promulgated by the SEC. We estimate that 99% of the reserves are proven.

Our phosphate reserve estimates are based on geological data assembled and analyzed by our staff geologist as of December 31, 2008. Reserve estimates are updated periodically to reflect actual phosphate rock production, new drilling information and other geological or mining data. Estimates for 99% of the reserves are based on 20-acre density drilling.

*Plant City Phosphate Complex*

Our Plant City phosphate fertilizer complex is one of the largest phosphate fertilizer facilities in North America. At one million tons per year, its phosphoric acid capacity represents approximately 10% of the total U.S. capacity. All of Plant City's phosphoric acid is converted into ammonium phosphates (DAP and MAP), representing approximately 12% of U.S. capacity for ammonium phosphate fertilizer products in 2008. The combination of the Plant City phosphate fertilizer complex and the Hardee mine gives us one of the largest integrated ammonium phosphate fertilizer operations in North America.

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*Bartow Phosphate Complex*

We own a former phosphate manufacturing complex in Bartow, Florida that ceased production in 1999. The site contains the former manufacturing facilities, storage and distribution facilities and the phosphogypsum stack system. In 2007, we sold the storage and distribution facilities, along with approximately 35 acres of land, and are currently dismantling the manufacturing facilities in accordance with local laws and regulations. We continue to be obligated for the closure of the phosphogypsum stack system, management of water treatment on the site and providing long-term care for the site.

*Phosphate Raw Materials*

*Phosphate Rock Supply.* Phosphate rock is the basic nutrient source for phosphate fertilizers. Approximately 3.5 tons of phosphate rock are needed to produce one ton of  $P_2O_5$  (the measure of nutrient content of phosphate fertilizers). Our Plant City phosphate fertilizer complex consumes in excess of three million tons of rock annually. As of December 31, 2008, our Hardee rock mine had approximately 14 years of fully-permitted recoverable phosphate reserves remaining at current operating rates. We have initiated the process of applying for authorization and permits to expand the geographical area at our Hardee property where we can mine. The expanded area has an estimated 33 million tons of recoverable phosphate reserves. We estimate that we will be able to conduct mining operations at our Hardee property for approximately nine additional years at current operating rates, assuming we secure the authorization and permits to mine in this area.

*Sulfur Supply.* Sulfur is used to produce sulfuric acid, which is combined with phosphate rock to produce phosphoric acid. Approximately three-quarters of a long ton of sulfur is needed to produce one ton of  $P_2O_5$ . Our Plant City phosphate fertilizer complex uses approximately 800,000 long tons of sulfur annually when operating at capacity. We obtain molten sulfur from several domestic and foreign producers under contracts of varied duration. In 2008, Martin Sulphur, our largest molten sulfur supplier, supplied approximately 56% of the molten sulfur used at Plant City.

*Ammonia Supply.* DAP and MAP have a nitrogen content of 18% and 11%, respectively, and a phosphate nutrient content of 46% and 52%, respectively. Ammonia is the primary source of nitrogen in DAP and MAP. Operating at capacity, our Plant City phosphate fertilizer complex consumes approximately 400,000 tons of ammonia annually.

The ammonia used at our Plant City phosphate fertilizer complex is shipped by rail from our ammonia storage facility located in Tampa, Florida. This facility, acquired in 1992, consists of a 38,000-ton ammonia storage tank, access to a deep-water dock that is capable of discharging ocean-going vessels, and rail and truck-loading facilities. In addition to supplying our Plant City phosphate fertilizer complex, our Tampa ammonia distribution system has the capacity to support ammonia sales to, and distribution services for, other customers. Sales of ammonia from our Tampa terminal are reported in our nitrogen business segment. The ammonia supply for Tampa is purchased from offshore sources, providing us with access to the broad international ammonia market.

*Phosphate Distribution*

We operate a phosphate warehouse located at a deep-water port facility in Tampa, Florida. Most of the phosphate fertilizer produced at Plant City is shipped by truck or rail to our Tampa warehouse, where it is loaded onto vessels for shipment to export customers or for transport across the Gulf of Mexico to the Mississippi River. In 2008, our Tampa warehouse handled approximately 1.2 million tons of phosphate fertilizers, or about 61% of our production. The remainder of our phosphate fertilizer production is transported by truck or rail directly to customers or to in-market storage facilities.

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Phosphate fertilizer shipped across the Gulf of Mexico to the Mississippi River is transferred into river barges near New Orleans. Phosphate fertilizer in these river barges is transported to our storage facilities or delivered directly to customers. River transportation is provided primarily under an agreement with one of the major inland river system barge operators.

**Storage Facilities and Other Properties**

We currently own or rent space at 39 in-market storage terminals and warehouses located in a 14-state region. Including storage at our production facilities and at the Tampa warehouse and ammonia terminal, we have an aggregate storage capacity for approximately two million tons of fertilizer. Our storage capabilities are summarized in the following table.