CF Industries Holdings, Inc. Form 8-K September 17, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549		

FORM 8-K

CURRENT REPORT Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): September 17, 2008

CF Industries Holdings, Inc.

(Exact name of Registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

001-32597 (Commission File No.)

20-2697511 (I.R.S. Employer Identification Number)

4 Parkway North, Suite 400 Deerfield, IL (Address of principal executive offices)

60015 (Zip Code)

Registrant s telephone number, including area code: (847) 405-2400

(Former name or former address if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any the following provisions (see General Instruction A.2. below):	of
o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)	
o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)	
o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))	
o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))	
	_

Item 7.01 Regulation FD Disclosure.

On September 17, 2008, members of CF Industries Holdings, Inc. s management will participate in the Credit Suisse Chemical and Ag Science Conference, at which the presentation attached hereto as Exhibit 99.1 will be used.

The information set forth above under Item 7.01 Regulation FD Disclosure, including the exhibits attached hereto, shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, except as shall be expressly set forth by specific reference in any such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description of Exhibit

99.1 CF Industries Holdings, Inc. Presentation

2

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: September 17, 2008 CF INDUSTRIES HOLDINGS, INC.

By: /s/ Douglas C. Barnard

Name: Douglas C. Barnard

Title: Vice President, General Counsel,

and Secretary

EXHIBIT INDEX

Exhibit No. Description

99.1 CF Industries Holdings, Inc. Presentation

4