Form 8-K October 30, 2006 As Filed with the Securities and Ex	change Commission on October 30,	2006
UNITED STATES		
SECURITIES AND EXCHANGE	E COMMISSION	
Washington, D.C. 20549		
FORM 8-K		
CURRENT REPORT		
PURSUANT TO SECTION 13 O	R 15(d) OF THE	
SECURITIES EXCHANGE ACT	Γ OF 1934	
Date of Report (Date of earliest eve	ent reported): October 30, 2006 (Oct	ober 24, 2006)
MONSANTO COMPANY		
(Exact Name of Registrant as Spec	ified in its Charter)	
Delaware (State of Incorporation)	001-16167 (Commission File Number)	43-1878297 (IRS Employer Identification No.)
800 North Lindbergh Boulevard		
St. Louis, Missouri 63167		
(Address of Principal Executive Of	fices) (Zip Code)	

MONSANTO CO /NEW/

Registrant's telephone number, including area code: (314) 694-1000

Not Applicable		
(Fo	rmer Name or Former Address, If Changed Since Last Report)	
	eck the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the Registrant under any of following provisions (see General Instruction A.2. below):	
[]	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)	
[]	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)	
[]	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))	
[]	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))	

ITEM 1.01. ENTRY INTO A MATERIAL DEFINITIVE AGREEMENT.

On October 24, 2006, the Board of Directors of Monsanto Company approved a form of Second Amendment to Change of Control Employment Security Agreement for certain executive officers. The form of amendment provides for (1) extension of the term of the Change of Control Employment Security Agreement through August 31, 2007, at which time the Agreement will expire if no change of control (as defined therein) has occurred; and (2) if a change of control does occur on or before August 31, 2007, amendments (without further consent by the executive) as the Board of Directors deems necessary to comply with new tax law and regulations on deferred compensation, as long as there is no substantial reduction in the benefits or adverse effect on the rights of the executive.

A form of Second Amendment to Change of Control Employment Security Agreement can be found in Exhibit 10 filed herewith and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

Exhibits. The following document is filed as an exhibit to this report:

Exhibit 10 Form of Second Amendment to Change of Control Employment Security Agreement, as approved by the Board of Directors on October 24, 2006.

SIGNATURE

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.

Dated: October 30, 2006

MONSANTO COMPANY

By: /s/ Christopher A. Martin

Name: Christopher A. Martin

Title: Assistant Secretary

EXHIBIT INDEX

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Exhibit No. Description of Exhibit 10 Form of Second Amendment to Change of Control Employment Security Agreement, as approved by the Board of Directors on October 24, 2006.