Form 8	ANTO CO /NEW/ -K r 07, 2015		
As File	d with the Securities	and Exchange Commission on October 7,	2015
SECUR	ED STATES RITIES AND EXCH agton, D.C. 20549	ANGE COMMISSION	
FORM	8-K		
PURSU	ENT REPORT JANT TO SECTION RITIES EXCHANG	N 13 OR 15(d) OF THE E ACT OF 1934	
Date of	Report (Date of ear	liest event reported): October 7, 2015	
	ANTO COMPANY Name of Registrant	as Specified in its Charter)	
Delawa State of	are f Incorporation	001-16167 (Commission File Number)	43-1878297 (IRS Employer Identification No.)
St. Lou	rth Lindbergh Boule is, Missouri 63167 ss of Principal Execu		
Registra	ant's telephone num	per, including area code: (314) 694-1000	
_	plicable r Name or Former A	ddress, If Changed Since Last Report)	
	* * *	pelow if the Form 8-K filing is intended to provisions (see General Instruction A.2. be	simultaneously satisfy the filing obligations low):
[]	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-commence	ment communications pursuant to Rule 14d	-2(b) under the Exchange Act (17 CFR

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR

240.14d-2(b))

240.13e-4(c))

[]

ITEM 2.02. Results of Operations and Financial Condition.

On October 7, 2015, Monsanto Company issued a press release announcing its fourth quarter and full fiscal year 2015 financial and operating results for the period ended August 31, 2015. This press release is furnished as Exhibit 99 hereto and incorporated herein by reference.

The press release furnished herewith uses the non-GAAP financial measures of earnings per share ("EPS"), EPS growth, gross profit, operating expenses, and net income, each on an ongoing basis (collectively, "Ongoing Financial Measures"). Our Ongoing Financial Measures exclude certain after-tax items that we do not consider part of ongoing operations. We believe that our Ongoing Financial Measures presented with these adjustments best reflect our ongoing performance and business operations during the periods presented and are useful to investors for comparative purposes. In addition, management uses the Ongoing Financial Measures as a guide in its budgeting and long-range planning processes, and uses the ongoing EPS financial measure as a guide in determining incentive compensation.

The press release also uses the non-GAAP financial measure of EPS growth on an ongoing currency neutral basis. Ongoing currency neutral EPS growth is used to determine what the current period U.S. dollar operating results would have been if the foreign currency exchange rates had not changed from the comparable prior year period. This is done by translating the ongoing current year period results using the comparable prior period currency exchange rates used to translate the Company's financial statements in the comparable prior year period. Ongoing currency neutral EPS growth is estimated using the effective tax rate for the local jurisdictions and the related currency changes. We believe that ongoing currency neutral EPS growth is useful to investors to evaluate our performance on a currency neutral basis and for comparative purposes. In addition, management evaluates the operating performance of our company and our international subsidiaries on an ongoing currency neutral basis and uses it as a guide in its budgeting and long-range planning processes.

The presentation of these non-GAAP financial measures is intended to supplement investors' understanding of our operating performance and should be viewed in addition to, and not as an alternative for, our reported results prepared in accordance with GAAP. These non-GAAP financial measures may not be comparable to similar measures used by other companies. Information concerning Monsanto's use of the non-GAAP financial measures free cash flow and EBIT appears in Monsanto's most recent Report on Form 10-Q.

We are furnishing the information contained in this report, including the Exhibit, pursuant to "Item 2.02 Results of Operations and Financial Condition" of Form 8-K promulgated by the SEC. This information shall not be deemed to be "filed" for the purposes of Section 18 of the Exchange Act or otherwise subject to the liabilities of that section, unless we specifically incorporate it by reference in a document filed under the Securities Act or the Exchange Act. By filing this report on Form 8-K and furnishing this information, we make no admission as to the materiality of any information in this report, including the Exhibit.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

(d) Exhibits

The following exhibit is filed herewith:

Exhibit 99 Press Release, dated October 7, 2015, issued by Monsanto Company

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 7, 2015

MONSANTO COMPANY

By: /s/ Christopher A. Martin Name: Christopher A. Martin Title: Assistant Secretary

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EXHIBIT INDEX

Exhibit No. Description of Exhibit

Press Release, dated October 7, 2015, issued by Monsanto Company