

Item 5.07 Submission of Matters to a Vote of Security Holders.

At the Company's 2013 Annual Meeting on January 31, 2013, of the 534,960,050 shares outstanding and entitled to vote, 464,196,435 shares were represented, constituting a 86.77% quorum. Each matter was determined by a majority of votes cast, except that approval of the amendment to the amended and restated certificate of incorporation required the affirmative vote of 70% of the outstanding shares entitled to vote.

The final results for each of the matters submitted to a vote of shareowners at the Annual Meeting are as follows:

Item No. 1: ELECTION OF DIRECTORS

All of the board's nominees for director were elected to serve until the Company's 2016 Annual Meeting or until their respective successors are elected and qualified, by the votes set forth in the table below:

Nominee	Votes Cast For		Votes Cast Against		Abstain	Broker Non-Votes
	Number	% of Votes Cast	Number	% of Votes Cast		
David L. Chicoine, Ph.D.	423,990,047	99.21%	3,350,257	.78%	1,157,010	35,699,121
Arthur H. Harper	421,840,316	98.98%	4,307,103	1.01%	2,349,895	35,699,121
Gwendolyn S. King	420,226,343	98.34%	7,088,071	1.65%	1,182,900	35,699,121
Jon R. Moeller	422,191,413	99.07%	3,946,058	.92%	2,359,843	35,699,121

Item No. 2: RATIFICATION OF AUDITORS

The appointment of Deloitte & Touche LLP as the Company's independent registered public accounting firm for fiscal 2013 was ratified by the shareowners, by the votes set forth in the table below:

Votes Cast For		Votes Cast Against		Abstain	Broker Non-Votes
Number	% of Votes Cast	Number	% of Votes Cast		
456,567,691	98.62%	6,350,074	1.37%	1,278,670	0

Item No. 3: ADVISORY APPROVAL OF EXECUTIVE COMPENSATION

The shareowners approved, on an advisory (non-binding) basis, executive compensation, by the votes set forth in the table below:

Votes Cast For		Votes Cast Against		Abstain	Broker Non-Votes
Number	% of Votes Cast	Number	% of Votes Cast		
407,310,591	95.82%	17,766,682	4.17%	3,420,041	35,699,121

Item No. 4: AMENDMENT TO CERTIFICATE OF INCORPORATION

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The amendment to the Amended and Restated Certificate of Incorporation of Monsanto Company to declassify the Board of Directors was approved by the shareowners, by the votes set forth in the table below:

Votes Cast For		Votes Cast Against		Abstain	Broker Non-Votes
Number	% of Outstanding Shares	Number	% of Outstanding Shares		
425,298,251	79.50%	1,877,055	.35%	1,322,008	35,699,121

Item No.5: SHAREOWNER PROPOSAL REQUEST A REPORT ON GMO MATTERS

The shareowners did not approve the shareowner proposal presented at the meeting requesting a report on certain matters related to GMO products, as evidenced by the votes set forth in the table below:

Votes Cast For		Votes Cast Against		Abstain	Broker Non-Votes
Number	% of Votes Cast	Number	% of Votes Cast		
29,045,311	7.62%	352,042,797	92.37%	47,409,206	35,699,121

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.

MONSANTO COMPANY

Dated: January 31, 2013

By: /s/ Jennifer L. Woods
 Name: Jennifer L. Woods
 Title: Assistant Secretary