MONSAN' Form 8-K	TO CO /NEW	7/							
January 27	, 2017								
As Filed w	ith the Securit	ties and Exchange Commission of	n January 27, 2017						
		CHANGE COMMISSION							
FORM 8-K	ζ								
	NT TO SECTI	ON 13 OR 15(d) OF THE IGE ACT OF 1934							
Date of Re	port (Date of	earliest event reported): January 2	27, 2017						
	TO COMPANne of Registra	NY nt as Specified in its Charter)							
Delaware		001-16167	43-1878297						
State of Inc	corporation	(Commission File Number)	(IRS Employer Identification No.)						
St. Louis, M	Lindbergh Bo Missouri 6316 f Principal Ex								
Registrant's	s telephone nu	umber, including area code: (314)	694-1000						
Not Applic (Former Na		r Address, If Changed Since Last	Report)						
		ox below if the Form 8-K filing is of the following provisions:	intended to simultaneously satisfy the filing obligation of						
[]	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)								
[] Solicitin	ng material pur	rsuant to Rule 14a-12 under the E	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 13a-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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

At Monsanto Company's 2017 Annual Meeting on January 27, 2017, of the 438,484,396 shares outstanding and entitled to vote, 359,213,533 shares were represented, constituting a 81.92% quorum. Each matter was determined by a majority of votes cast, except Item No. 4, for which the frequency receiving the greatest number of votes is considered the frequency recommended by shareowners.

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 2018 Annual Meeting or until their respective successors are elected and qualified, by the votes set forth in the table below:

	Votes Cast For		Votes Cast Against			
Nominee	Number %	of Votes Cast	Number	% of Votes Cast	t Abstain	Broker Non-Votes
Dwight M. "Mitch" Barns	323,913,35999	9.61%	1,276,104	0.39%	548,701	33,475,369
Gregory H. Boyce	323,855,32299	9.58%	1,351,751	0.42%	531,091	33,475,369
David L. Chicoine, Ph.D	323,947,59399	9.60%	1,295,310	0.40%	495,261	33,475,369
Janice L. Fields	319,416,88198	8.21%	5,834,299	1.79%	486,984	33,475,369
Hugh Grant	314,590,63997	7.37%	8,485,479	2.63%	2,662,046	533,475,369
Arthur H. Harper	323,334,00899	9.43%	1,866,377	0.57%	537,779	33,475,369
Laura K. Ipsen	324,168,70199	9.67%	1,079,547	0.33%	489,916	33,475,369
Marcos M. Lutz	315,147,90396	6.90%	10,068,013	33.10%	522,248	33,475,369
C. Steven McMillan	313,675,09496	5.83%	10,278,536	53.17%	1,784,534	133,475,369
Jon R. Moeller	319,966,05298	8.39%	5,238,564	1.61%	533,548	33,475,369
George H. Poste, Ph.D., D.V.M.	323,096,63499	9.40%	1,944,334	0.60%	697,196	33,475,369
Robert J. Stevens	288,644,25689	9.10%	35,321,691	10.90%	1,772,217	33,475,369
Patricia Verduin, Ph.D.	324,159,59799	9.66%	1,100,889	0.34%	477,678	33,475,369

Item No. 2: RATIFICATION OF AUDITORS

The appointment of Deloitte & Touche LLP as the Company's independent registered public accounting firm for fiscal 2017 was ratified by the shareowners, by the votes set forth in the table below:

Votes Cast For Votes Cast Against
Number % of Votes Cast Number % of Votes Cast Abstain Broker Non-Votes
356,136,12899.32% 2,453,3960.68% 624,009—

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

Number % of Votes Cast Number % of Votes Cast Abstain Broker Non-Votes 310,162,203 95.49% 14,640,768 4.51% 935,193 33,475,369

Item No. 4: ADVISORY APPROVAL ON FREQUENCY OF ADVISORY VOTES ON EXECUTIVE COMPENSATION

The shareowners recommended, on an advisory (non-binding) basis, continuing to hold an advisory (non-binding) vote on executive compensation on an annual basis, by the votes set forth in the table below:

Votes Cast For 1 Year Votes Cast for 2 Years Votes Cast for 3 Years

Number % of Votes Cast Number % of Votes Cast Number % of Votes Cast Abstain Broker Non-Votes 299,216,933 92.19% 586,727 0.18% 24,770,790 7.63% 1,163,714 33,475,369

Item No. APPROVAL OF PERFORMANCE GOALS UNDER, AND AMENDMENT TO, THE LONG-TERM 5: INCENTIVE PLAN

The shareowners approved the performance goals under, and an amendment to, the Long-Term Incentive Plan by the votes set forth in the table below:

Votes Cast For Votes Cast Against

Number % of Votes Cast Number % of Votes Cast Abstain Broker Non-Votes

316,079,00497.27% 8,857,4222.73% 801,73833,475,369

Item No.6: SHAREOWNER PROPOSAL: LOBBYING REPORT

The shareowners did not approve the shareowner proposal presented at the meeting requesting a lobbying report, as evidenced by the votes set forth in the table below:

Votes Cast For Votes Cast Against

Number % of Votes Cast Number % of Votes Cast Abstain Broker Non-Votes

86,953,89628.26% 220,750,67271.74% 18,033,59633,475,369

3

Item No. 7: SHAREOWNER PROPOSAL: GLYPHOSATE REPORT

The shareowners did not approve the shareowner proposal presented at the meeting requesting a glyphosate report, as evidenced by the votes set forth in the table below:

Votes Cast For Votes Cast Against

Number % of Votes Cast Number % of Votes Cast Abstain Broker Non-Votes

16,722,4165.50% 287,487,48294.50% 21,528,26633,475,369

4

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.

Dated: January 27, 2017

MONSANTO COMPANY

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