MOSAIC CO Form 4 February 24, 2016

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB

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obligations

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(City)

(State)

(Zin)

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **BRAUSEN ANTHONY T** Issuer Symbol MOSAIC CO [MOS] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify C/O THE MOSAIC 02/22/2016 below) COMPANY, 3033 CAMPUS Senior VP -Finance DRIVE, SUITE E490 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting PLYMOUTH, MN 55441

(City)	(State)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi		•	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(A)		Reported		
					or		Transaction(s)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	02/22/2016		M	7,800	A	\$ 16.03	34,691	D	
Common Stock	02/22/2016		S	7,800	D	\$ 24.69	26,891	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (\emph{e.g.}, puts, calls, warrants, options, convertible securities) \\ \end{tabular}$

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	Secu Acq (A) Disp (D)	urities uired or posed of tr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 16.03	02/22/2016		M		7,800	<u>(1)</u>	02/27/2016	Common Stock	7,800
Stock Option (Right to Buy)	\$ 15.45						<u>(1)</u>	08/04/2016	Common Stock	19,716
Stock Option (Right to Buy)	\$ 40.03						<u>(1)</u>	08/02/2017	Common Stock	11,323
Stock Option (Right to Buy)	\$ 127.21						<u>(1)</u>	07/31/2018	Common Stock	2,195
Stock Option (Right to Buy	\$ 52.72						<u>(1)</u>	07/27/2019	Common Stock	5,258
Stock Option (Right to Buy)	\$ 44.93						<u>(1)</u>	07/27/2020	Common Stock	5,105
Stock Option (Right to Buy)	\$ 70.62						<u>(1)</u>	07/21/2021	Common Stock	4,307
Stock Option (Right to Buy)	\$ 57.62						<u>(1)</u>	07/19/2022	Common Stock	7,284

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Restricted Stock Units	\$ 0 <u>(2)</u>	07/18/2016	(3)	Common Stock	3,702
Stock Option (Right to Buy)	\$ 54.03	<u>(4)</u>	07/18/2023	Common Stock	9,470
Restricted Stock Units	\$ 0 <u>(2)</u>	03/07/2017	<u>(3)</u>	Common Stock	4,022
Stock Option (Right to Buy)	\$ 49.73	<u>(5)</u>	03/07/2024	Common Stock	10,644
Stock Option (Right to Buy)	\$ 50.43	<u>(6)</u>	03/05/2025	Common Stock	11,658

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

BRAUSEN ANTHONY T C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490 PLYMOUTH, MN 55441

Senior VP -Finance

Signatures

/s/ Mark J. Isaacson, Attorney-in-Fact for Anthony T. Brausen

02/24/2016

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) This Stock Option is 100% exercisable.
- (2) One-for-One
- (3) Not Applicable
- (4) Grant Date 07/18/2013; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (5) Grant Date 03/07/2014; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (6) Grant Date 03/05/2015; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.

Reporting Owners 3

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