

O'Rourke James Calvin
 Form 4
 March 07, 2018

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 O'Rourke James Calvin

2. Issuer Name and Ticker or Trading Symbol
 MOSAIC CO [MOS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 C/O THE MOSAIC COMPANY, 3033 CAMPUS DRIVE, SUITE E490

3. Date of Earliest Transaction (Month/Day/Year)
 03/05/2018

Director 10% Owner
 Officer (give title below) Other (specify below)
 President & CEO

(Street)
 PLYMOUTH, MN 55441

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	03/05/2018		A ⁽¹⁾	6,609	A	\$ 0	115,704 D
Common Stock	03/05/2018		F ⁽²⁾	3,014	D	\$ 27.98	112,690 D
Common Stock							3,000 I Reporting Person's Spouse

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

Persons who respond to the collection of information contained in this form are not

SEC 1474 (9-02)

required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (Right to Buy)	\$ 52.72					(3) 07/27/2019	Common Stock	12,019
Stock Option (Right to Buy)	\$ 44.93					(3) 07/27/2020	Common Stock	20,259
Stock Option (Right to Buy)	\$ 70.62					(3) 07/21/2021	Common Stock	16,150
Stock Option (Right to Buy)	\$ 57.62					(3) 07/19/2022	Common Stock	27,681
Stock Option (Right to Buy)	\$ 54.03					(3) 07/18/2023	Common Stock	29,987
Stock Option (Right to Buy)	\$ 49.73					(3) 03/07/2024	Common Stock	33,706
Stock Option (Right to Buy)	\$ 50.43					(3) 03/05/2025	Common Stock	37,306

