

MOSAIC CO  
Form 4  
May 23, 2016

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2015  
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
**LUMPKINS ROBERT L**

(Last) (First) (Middle)

**C/O THE MOSAIC COMPANY, 3033 CAMPUS DRIVE, SUITE E490**

(Street)

**PLYMOUTH, MN 55441**

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)  
**04/11/2016**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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 Ownership (Instr. 4)			
			Code	V	Amount	(A) or (D)	Price			
Common Stock	04/11/2016		G		7,171	D	\$ 0	9,279	I	By GRAT #6 dated April 2, 2015 <sup>(1)</sup>
Common Stock	04/11/2016		G		7,171	A	\$ 0	13,202	I	Robert L. Lumpkins Revocable Trust
Common Stock								3,303	D	

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

SEC 1474  
(9-02)

**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	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	\$ 0 <sup>(2)</sup>					<u>(3)</u>	<u>(4)</u>	Common Stock	3,350
Restricted Stock Units	\$ 0 <sup>(2)</sup>					<u>(5)</u>	<u>(4)</u>	Common Stock	5,274
Restricted Stock Units	\$ 0 <sup>(2)</sup>					<u>(6)</u>	<u>(4)</u>	Common Stock	5,707
Restricted Stock Units	\$ 0 <sup>(2)</sup>	05/19/2016		A	10,129	<u>(7)</u>	<u>(4)</u>	Common Stock	10,129

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LUMPKINS ROBERT L C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490 PLYMOUTH, MN 55441		X		

## Signatures

/s/Mark J. Isaacson, Attorney-in-Fact for Robert L. Lumpkins

05/23/2016

\*\*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).

- On April 11, 2016, the reporting person indirectly held 16,450 shares of MOS common stock in a grantor retained annuity trust for the benefit of himself and his daughter ("GRAT #6). On that date, 7,171 of the shares were distributed by GRAT #6 to the Robert L. Lumpkins Revocable Trust in satisfaction of an annuity to the reporting person and was exempt from reporting under Rule 16a-13.
- (1) benefit of himself and his daughter ("GRAT #6). On that date, 7,171 of the shares were distributed by GRAT #6 to the Robert L. Lumpkins Revocable Trust in satisfaction of an annuity to the reporting person and was exempt from reporting under Rule 16a-13.
  - (2) One for one
  - (3) The restricted stock units vested on May 15, 2014. Vested shares will be delivered to the reporting person on October 3, 2016.
  - (4) Not Applicable
  - (5) The restricted stock units vested on May 14, 2015. Vested shares will be delivered to the reporting person on May 15, 2017.
  - (6) The restricted stock units vested on May 19, 2016. Vested shares will be delivered to the reporting person on May 14, 2018.
  - (7) The restricted stock units will vest on the date of the issuer's 2017 Annual Meeting of Stockholders. Vested shares will be delivered to the reporting person on May 19, 2019.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.