MOSAIC C Form 4 July 23, 201 FORM Check th if no lon subject t Section Form 4 Form 5 obligation may com <i>See</i> Instri 1(b).	4 A 4 UNITED his box oger of 16. or Filed pu Section 17	MENT OF (rsuant to Sec (a) of the Pu	Washing CHANGES SEC ction 16(a) o	ton, IN E CUR	D.C. 205 BENEFI ITIES e Securiti ling Com	549 CIA les Ez ipany	L OWN schange Act of	OMMISSION ERSHIP OF Act of 1934, 1935 or Sectior	OMB Number: Expires: Estimated a burden hour response	0		
(Print or Type	Responses)											
MACK RICHARD L Symbol				r Name and Ticker or Trading				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
				of Earliest Transaction Day/Year) 2014				Director 10% Owner X Officer (give title Other (specify below) below) EVP, Chief Financial Officer				
(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)								 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person 				
(City)	(State)	(Zip)	Table I - N	lon-D	erivative S	Securi		iired, Disposed of,	or Beneficial	ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		Date, if Trans Code	e r. 8)	4. Securiti r(A) or Dis (Instr. 3, 4 Amount	posed	of (D)	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)		
Common Stock	07/21/2014		М		4,720	А	\$0	56,383	D			
Common Stock	07/21/2014		А		3,044 (7)	А	\$0	59,427	D			
Common Stock	07/21/2014		А		42,345 (8)	А	\$0	101,772	D			
Common Stock	07/21/2014		F <u>(9)</u>		23,020	D	\$ 47.23	78,752	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.

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. Transacti Code (Instr. 8)	Secu Secu Acq (A) Disp (D)	posed of str. 3, 4,			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)	\$ 17.29						(3)	08/01/2015	Common Stock	36,382
Stock Option (right to buy)	\$ 15.45						<u>(3)</u>	08/04/2016	Common Stock	47,319
Stock Option (Right to Buy)	\$ 40.03						(3)	08/02/2017	Common Stock	19,368
Stock Option (Right to Buy)	\$ 127.21						<u>(3)</u>	07/31/2018	Common Stock	5,486
Stock Option (Right to Buy)	\$ 52.72						(3)	07/27/2019	Common Stock	10,216
Stock Option (Right to Buy)	\$ 44.93						(3)	07/27/2020	Common Stock	15,194
Stock Option (Right to Buy)	\$ 70.62						<u>(3)</u>	07/21/2021	Common Stock	10,767

Restricted Stock Units	\$ 0 <u>(1)</u>	07/21/2014	М	4,720	07/21/2014	(2)	Common Stock	4,720
Stock Option (Right to Buy)	\$ 57.62				<u>(4)</u>	07/19/2022	Common Stock	17,483
Restricted Stock Units	\$ 0 <u>(1)</u>				07/19/2015	<u>(2)</u>	Common Stock	6,942
Stock Option (Right to Buy)	\$ 54.03				(5)	07/18/2023	Common Stock	18,939
Restricted Stock Units	\$ 0 <u>(1)</u>				07/18/2016	<u>(2)</u>	Common Stock	7,403
Stock Option (Right to Buy)	\$ 49.73				(6)	03/07/2024	Common Stock	21,288
Restricted Stock Units	\$ 0 <u>(1)</u>				03/07/2017	(2)	Common Stock	8,043

Reporting Owners

Reporting Owner Name / Address	Relationships						
I generation and	Director	10% Owner	Officer	Other			
MACK RICHARD L C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490 PLYMOUTH, MN 55441			EVP, Chief Financial Officer				
Signatures							
/s/ Mark J. Isaacson, Attorney-in-Fact fo Mack	or Richard	dL.	07/23/2014				
<u>**</u> 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) One-for-One
- (2) Not Applicable

- (3) This Stock Option is 100% exercisable.
- (4) Grant Date 07/19/2012; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (5) 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.
- (6) 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.
- (7) Shares issued to reporting person upon the vesting of a performance unit award granted to reporting person on July 21, 2011. The performance unit award was not a derivative security.
- (8) Shares issued to reporting person upon vesting of a retention award granted to reporting person on July 21, 2011. The retention award was not a derivative security.
- (9) Shares sold to cover tax liability incurred as a result of most recent vesting of Restricted Stock Units, Performance Units and Retention Award.

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.