

FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
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[] 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 or
Section 30(h) of the Investment Company Act of 1940

| | | |
|---|--|--|
| 1. Name and Address of Reporting Person * Wang Yijun (Last) (First) (Middle) C/O THE MOSAIC COMPANY, 101 EAST KENNEDY BLVD., SUITE 2500 (Street) TAMPA, FL 33602 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol MOSAIC CO [MOS] 3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">3/5/2023</p> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ___ Director ___ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) ___X___ Other (specify below) SVP-Global Strategic Marketing / Head of China and India 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person ___ Form filed by More than One Reporting Person |
| 4. If Amendment, Date Original Filed (MM/DD/YYYY) | | |

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

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. 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) |
|---------------------------------|----------------|-----------------------------------|---------------------------|---|---|------------|-------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 3/5/2023 | | M | | 9265 | A | \$0 | 28943 | D | |
| Common Stock | 3/5/2023 | | M ⁽¹⁾ | | 8211 | A | \$0 | 37154 | D | |
| Common Stock | 3/5/2023 | | F ⁽²⁾ | | 6618 | D | \$0 | 30536 | D | |

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

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. 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 | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|----------------|-----------------------------------|---------------------------|---|--|-----|---|-----------------|---|----------------------------|--|--|--|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
| Restricted Stock Units | \$0.0 | 3/5/2023 | | M | | 9265 | | 3/5/2023 | 3/1 | Common Stock | 9265.0 | \$0 | 0 | D | |
| Restricted Stock Units | \$0.0 | | | | | | | 10/1/2023 | 3/1 | Common Stock | 5621.0 | | 5621 | D | |
| Restricted Stock Units | \$0.0 | | | | | | | 3/4/2024 | 3/1 | Common Stock | 11272.0 | | 11272 | D | |
| Restricted Stock Units | \$0.0 ⁽⁴⁾ | | | | | | | 3/3/2025 | 3/1 | Common Stock | 5390.0 | | 5390 | D | |
| Restricted Stock Units | \$0.0 | | | | | | | 1/1/2025 | 3/1 | Common Stock | 5090.0 | | 5090 | D | |

Explanation of Responses:

- (1) Shares issued to reporting person upon the vesting of a performance unit award granted to reporting person on March 5, 2020. The performance unit award was not a derivative security.
- (2) Shares sold to cover tax liability incurred as a result of most recent vesting of restricted stock and performance units.
- (3) Not Applicable
- (4) One-for-One

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------------------------------------|--------------------------------|
| | Director | 10% Owner | Officer | Other |
| Wang Yijun C/O THE MOSAIC COMPANY 101 EAST KENNEDY BLVD., SUITE 2500 TAMPA, FL 33602 | | | SVP-Global Strategic Marketing | Head of China and India |

Signatures

POWER OF ATTORNEY

Know all by these presents, that I hereby constitute and appoint each of Philip E. Bauer and Beth A. Paulson my true and lawful attorney-in-fact and agent, each acting alone, with full power of substitution for me and in my name, place and stead, to:

1. execute for me and on my behalf, in my capacity as an officer, director and/or 10% shareholder of The Mosaic Company, Forms 3, 4 or 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended, or any rule or regulation of the United States Securities and Exchange Commission ("SEC");
2. do and perform any and all acts for me and on my behalf which may be necessary or desirable to complete and execute any such Form 3, 4 or 5, or other form or report, complete and execute any amendment or amendments thereto and timely file such form or report with the SEC and any stock exchange or similar authority; and
3. take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to me, in my best interest or legally required by me, it being understood that the documents executed by such attorney-in-fact on my behalf pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

I hereby grant to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as I might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. I acknowledge that the attorneys-in-fact, in serving in such capacity at my request, are not assuming, nor is The Mosaic Company assuming, any of my responsibilities to comply with Section 16 of the Securities Exchange Act of 1934, as amended.

This Power of Attorney shall remain in full force and effect until I am no longer required to file Forms 3, 4 and 5 with respect to my holdings of and transactions in securities of The Mosaic Company, unless earlier revoked by me in a signed writing delivered to the attorneys-in-fact named above and shall supersede and all other previous and prior powers of attorney granted by me in my capacity as an officer, director and/or 10% shareholder of The Mosaic Company and relating to my responsibilities to comply with Section 16 of the Securities Exchange Act of 1934, as amended, if any, all of which are hereby deemed to be revoked .

IN WITNESS WHEREOF, I have signed this Power of Attorney on January 26, 2023.

/s/ Yijun Wang

Signature

Yijun ("Jenny") Wang _____

Printed Name