MONSANTO CO /NEW/

Form 4

October 28, 2015

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number: January 31,

OMB APPROVAL

2005 Estimated average

0.5

burden hours per response...

Expires:

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Frank Michael J

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(First) (Last)

(Middle)

(Zip)

MONSANTO CO /NEW/ [MON]

(Check all applicable)

MONSANTO COMPANY, 800 NORTH LINDBERGH BLVD.

(Street)

(State)

3. Date of Earliest Transaction

(Month/Day/Year) 10/26/2015

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

(Month/Day/Year)

VP, Global Commercial

6. Individual or Joint/Group Filing(Check

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

(Instr. 8)

Applicable Line)

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

ST. LOUIS, MO 63167

Person

(Instr. 3, 4 and 5)

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

1. Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year)

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (T) (Instr. 4) (Instr. 4)

(A)

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3) Price of Derivative Security

(Month/Day/Year) (Instr. 8) Acquired (A)

or Disposed of (D)

(Instr. 3, 4, and 5)

Code V (A)

(D) Date Exercisable Expiration Date

Title

Amount or Number of Share

Option

Buy)

(Right to \$91.34 10/26/2015

A 16,430

11/15/2016(1) 10/26/2025

Common Stock

16,430

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer

Other

Frank Michael J

MONSANTO COMPANY 800 NORTH LINDBERGH BLVD. ST. LOUIS, MO 63167

VP, Global Commercial

Signatures

Jennifer L. Woods, Attorney-in-Fact

10/28/2015

**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).

One-third of the options become exercisable on November 15, 2016, one-third of the options become exercisable on November 15, 2017

(1) and the remainder of the options become exercisable on November 15, 2018, subject to the terms and conditions of the Monsanto Company 2005 Long-Term Incentive Plan.

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.

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