

FORM 4

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

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 or  
Section 30(h) of the Investment Company Act of 1940

|                                                                                                                                                                                                        |                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of Reporting Person *<br><b>Smith Gary Dale</b><br>(Last) (First) (Middle)<br><b>2021 SPRING ROAD, SUITE 600</b><br>(Street)<br><b>OAK BROOK, IL 60523</b><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><b>TreeHouse Foods, Inc. [ THS ]</b><br>3. Date of Earliest Transaction (MM/DD/YYYY)<br><b>11/7/2017</b><br>4. If Amendment, Date Original Filed (MM/DD/YYYY) | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director<br><input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer (give title below)<br><input type="checkbox"/> Other (specify below)<br>6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |                |                                   |                              |   |                                                                      |            |           |                                                                                                  |                                                          |                                                       |
|----------------------------------------------------------------------------------|----------------|-----------------------------------|------------------------------|---|----------------------------------------------------------------------|------------|-----------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| 1. Title of Security<br>(Instr. 3)                                               | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. Code<br>(Instr. 8) |   | 4. Securities Acquired (A) or Disposed of (D)<br>(Instr. 3, 4 and 5) |            |           | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s)<br>(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                                                                     | 11/7/2017      |                                   | P                            |   | 271                                                                  | A          | \$42.6473 | 271                                                                                              | D                                                        |                                                       |
| Common Stock                                                                     | 11/7/2017      |                                   | P                            |   | 229                                                                  | A          | \$42.635  | 500                                                                                              | D                                                        |                                                       |
| Common Stock                                                                     | 11/7/2017      |                                   | P                            |   | 1300                                                                 | A          | \$42.6435 | 1800                                                                                             | D                                                        |                                                       |
| Common Stock                                                                     | 11/7/2017      |                                   | P                            |   | 200                                                                  | A          | \$42.6499 | 2000                                                                                             | 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 |                                            |                                                                                                    |                                                                                  |                                                        |

Explanation of Responses:

Reporting Owners

| Reporting Owner Name / Address                                          | Relationships |           |         |       |
|-------------------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                         | Director      | 10% Owner | Officer | Other |
| Smith Gary Dale<br>2021 SPRING ROAD<br>SUITE 600<br>OAK BROOK, IL 60523 | X             |           |         |       |

Signatures

Thomas E. O'Neill, by power of attorney

11/8/2017

\*\*Signature of Reporting Person

Date

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

\* 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).

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

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.