

“Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

“Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

“Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

“Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging growth company “

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. “

Item 7.01

Regulation FD Disclosure.

On October 1, 2018, Arch Therapeutics, Inc. (the “**Company**”) issued a press release to announce that it had submitted a 510(k) notification to the U.S. Food and Drug Administration (the “**Agency**”) for its AC5ä Topical Gel (AC5) and has received acknowledgement from the Agency that the submission has been received. The text of the press release is attached hereto as Exhibit 99.1 and is incorporated by reference herein.

Item 8.01

Other Events.

The disclosure under Item 7.01 (Regulation FD Disclosure) is incorporated herein by reference.

Item 9.01

Financial Statements and Exhibits

(d) The following exhibits are being filed herewith:

Exhibit Description

99.1 Press Release issued by Arch Therapeutics, Inc. on October 1, 2018

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ARCH THERAPEUTICS, INC.

Dated: October 1, 2018 By: /s/ Terrence W. Norchi, M.D.
Name: Terrence W. Norchi, M.D.
Title: President, Chief Executive
Officer