



---

**Applied DNA Sciences Receives Milestone Payments from Supima Company to Exhibit at Supima Trade Show January 22-24, 2008**

STONY BROOK, N.Y., January 10, 2008 /Business Wire/ -- Applied DNA Sciences, Inc. (OTC Bulletin Board: APDN), a provider of DNA-based security solutions, today announced that it has received the fourth and fifth milestone payments from Supima, the promotional organization of the American Pima cotton growers. These payments are the result of Applied DNA Sciences successively achieving the goals set out in the fiber authentication program begun in July 2007.

“Applied DNA Sciences has been able to accomplish what we believe no other group has been able to do, successfully amplify DNA from mature cotton cultivars. Our scientists have developed new extraction protocols which improved DNA isolation more than one thousand times over the traditional forensic methods. We analyzed the cotton nuclear and chloroplast genomes to develop an assay which identifies the difference between Pima and upland cotton,” stated Dr. James Hayward, President and CEO of Applied DNA Sciences. “Remarkably, the cell walls of cotton are so protective, that the DNA markers may still be detected in finished textiles that have been extensively laundered. We believe that the findings to-date may also have utility for other textile industries throughout the world and could assist governments looking for a quantifiable means of regulating the importation of foreign textiles into their countries. APDN has already begun to explore the use of these findings in various different venues. We expect significant growth for APDN within the textile industry vertical.”

The feasibility study should yield authentication methods to identify and confirm the Supima cotton content of branded apparel and home fashion products. There is only one milestone payment remaining and APDN and Supima are working together to complete the study and publicize and commercialize the results of this groundbreaking work. To that end, APDN will attend the Supima Premium Fabric Show in New York City on January 22, 2008 where we will present the results of our feasibility study to date and the authentication program that would follow the expected successful completion of the feasibility study. This Supima authentication program would allow APDN to distinguish between American Pima cotton cultivars and other types of cotton and could represent annual revenues of up to \$1 million to APDN.

Cotton classification and the authentication of cotton geographic origin are issues of global significance, important to brand owners and to governments that must regulate international cotton trade. The development of genetic methods to identify the cotton fiber content of finished textiles is a significant opportunity for license holders to control

their brand and for governments to improve their ability to enforce compliance with trade agreements between nations.

**About Applied DNA Sciences, Inc.**

Applied DNA Sciences markets and sells DNA encrypted and embedded solutions that are forensically authenticated by machine readable devices. These solutions can be easily integrated with a range of inks, threads, varnishes, adhesives as well as thermal ribbon, inkjet and laser ink. Applied DNA Sciences' products can help protect the brands and intellectual property that can easily be eroded by counterfeiting, product diversion and fraud. APDN's common stock is listed on the Over-The-Counter Bulletin Board under the symbol "APDN".

The statements made by APDN may be forward-looking in nature and are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements describe APDN's future plans, projections, strategies and expectations, and are based on assumptions and involve a number of risks and uncertainties, many of which are beyond the control of APDN. Actual results could differ materially from those projected due to our short operating history, limited financial resources, limited market acceptance, market competition and various other factors detailed from time to time in APDN's SEC reports and filings, including our Annual Report on Form 10-KSB, filed on January 16, 2007 and our subsequent quarterly reports on Form 10-QSB. APDN undertakes no obligation to update publicly any forward-looking statements to reflect new information, events or circumstances after the date hereof to reflect the occurrence of unanticipated events.

SOURCE Applied DNA Sciences, Inc.

-0-01/10/2008

/CONTACT: Debbie Bailey, 631-444-8090, fax: 631-444-8848/

/FCMN Contact: info@adnas.com /

/Web site: <http://www.ADNAS.com> /