

SYNGENTA AG  
Form 6-K  
February 18, 2005

---

---

**FORM 6-K**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

**Report of Foreign Issuer**

**Pursuant to Rule 13a-16 or 15d-16**  
**of the Securities Exchange Act of 1934**

For the month of February 2005

Commission File Number: 001-15152

**SYNGENTA AG**

(Translation of registrant's name into English)

**Schwarzwaldallee 215**  
**4058 Basel**  
**Switzerland**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F X                      Form 40-F   

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Yes                                         No X

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Yes                                         No X

Indicate by check mark whether by furnishing the information contained in this Form, the Registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes                                         No X

If    Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): N/A

Re: SYNGENTA AG

Press Release: Syngenta releases important plant disease genome data for public use

Filed herewith is a press release related to Syngenta AG. The full text of the press release follows:

# # #

---

Item 1

**Syngenta International AG**

Media Office

CH-4002 Basel

Switzerland

Telephone: +41 61 323 23 23

Fax: +41 61 323 24 24

[www.syngenta.com](http://www.syngenta.com)

---

**Media Release**

## **Syngenta releases important plant disease genome data for public use**

**Basel, Switzerland, 15 February 2005**

Syngenta announced today the donation of important genetic information on *Phytophthora infestans* or Potato Late Blight, one of the most devastating plant diseases in global agriculture, to an international scientific gene database.

Syngenta is donating sequence information on nearly 18,000 individual genes expressed at key stages in the life-cycle of *Phytophthora infestans* as well as most of its genomic sequence to GenBank, a publicly available DNA database. Syngenta has worked for five years within the Syngenta Phytophthora Consortium, an international panel of academic institutions, to analyse these genes and develop a partial genomic sequence.

Late Blight was the cause of the Irish Potato Famine (1845-1850) and continues to cause billions of dollars worth of losses to potato and tomato crops each year. The *Phytophthora infestans* family also includes the pathogen causing the emergent Sudden Oak Death disease recently recognized in California.

"We are very pleased to announce this significant contribution to the scientific community's understanding of this plant pathogen," said David Lawrence, Head of Research and Technology at Syngenta. "These data-sets will be a unique tool for scientists investigating and seeking novel control strategies for Late Blight and related plant diseases."

Later this year Syngenta also plans to make available genomic data for three other important plant pathogens, the fungi: *Botrytis cinerea*, *Fusarium graminearum* and *Fusarium verticillioides*.

