SCHERING AKTIENGESELLSCHAFT Form SC TO-T/A April 21, 2006

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As filed with the Securities and Exchange Commission on April 20, 2006

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE TO

(Rule 14d-100)
Tender Offer Statement under Section 14(d)(1) of the Securities
Exchange Act of 1934

(Amendment No. 2)

Schering Aktiengesellschaft

(Name of Subject Company (issuer))

Dritte BV GmbH Bayer Aktiengesellschaft

(Name of Filing Persons (offerors))

Ordinary Shares, no par value (Title of Class of Securities)

DE0007172009

(CUSIP Number of Class of Securities)

American Depositary Shares (each representing one Ordinary Share)

(Title of Class of Securities)

806585204

(CUSIP Number of Class of Securities)

Dr. Roland Hartwig Bayerwerk, Gebaeude W11 Kaiser-Wilhelm-Allee 51368 Leverkusen Germany +49 (214) 3081195

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications on Behalf of the Person(s) Filing Statement) With copies to:

Charles Nathan, Esq. John E. Sorkin, Esq. Latham & Watkins LLP 885 Third Avenue New York, New York 10022 (212) 906-1200 Dr. Joachim von Falkenhausen Stefan Widder Latham & Watkins LLP Warburgstrasse 50 20354 Hamburg, Germany +49 (40) 414030

CALCULATION OF FILING FEE

	\$19,860,767,584.80 Estimated for purposes of calculating the amount of the fi 191,000,875 bearer shares, no par value per share ("Share	\$2,125,102.13
		ling for only. The calculation of the transaction valuation assumes the purchase of
	published by the Federal Reserve Bank of New York on A	ing lee only. The calculation of the transaction variation assumes the purchase of ss"), of Schering Aktiengesellschaft ("Schering") (including those Shares represented by ce of EUR 86.00 per Share in cash, converted into U.S. dollars at the noon buying rate as April 10, 2006 of EUR 1 = \$1.2091. Such number of Shares represents the number of Shares anding as of April 11, 2006 and excludes Shares held by Schering in treasury.
		rided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously number, or the Form or Schedule and the date of its filing.
	Amount Previously Paid:	\$2,125,102.13
	Form or Registration No.: Filing Party:	Schedule TO Dritte BV GmbH Bayer Aktiengesellschaft
	Date Filed:	April 13, 2006
	Check the box if the filing relates solely to preliminary co	ommunications made before the commencement of a tender offer.
heck the	e appropriate boxes below to designate any transaction to w	hich the statement relates:
	third-party tender offer subject to Rule 14d-1.	
	issuer tender offer subject to Rule 13e-4.	
	going-private transaction subject to Rule 13e-3.	
	amendment to Schedule 13D under Rule 13d-2.	
heck the	e following box if the filing is a final amendment reporting	the results of the tender offer: o

This Amendment No. 2 to Schedule TO (this "Statement") relates to the offer by Dritte BV GmbH, a limited liability company organized under the laws of the Federal Republic of Germany (the "Bidder") and a wholly-owned subsidiary of Bayer Aktiengesellschaft, a stock corporation organized under the laws of the Federal Republic of Germany ("Bayer"), to purchase all of the issued and outstanding bearer shares, no par value (the "Shares"), including those Shares represented by American Depositary Shares ("ADSs"), of Schering Aktiengesellschaft, a stock corporation organized under the laws of the Federal Republic of Germany ("Schering"), at a purchase price of EUR 86.00 per Share in cash. The terms and conditions of the offer (as it may be amended or supplemented from time to time, the "Offer") are described in the Offer Document, published April 13, 2006 (the "Offer Document"), a copy of which was orginally filed as Exhibit (a)(1)(A), and, where applicable, the related U.S. Declaration of Acceptance and ADS Letter of Transmittal and the instructions thereto, copies of which were originally filed as Exhibits (a)(1)(B) and (C), to the Schedule TO filed on April 14, 2006. Except as otherwise indicated, the information set forth in the Schedule TO remains unchanged. Capitalized terms used but not defined herein have the meanings ascribed to them in the Schedule TO.

ITEM 12. EXHIBITS

Item 12 of the Schedule TO is hereby amended and supplemented by adding the following thereto:

(a)(1)(O)	English translation of flyer addressed to Schering AG shareholders regarding the
	tender offer.
(a)(5)(E)	English translation of notice published in the Börsen-Zeitung, April 20, 2006.

SIGNATURE

After due inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Statement is true, complete and correct.

Dated: April 20, 2006

Bayer Aktiengesellschaft

By: /s/ DR. ROLAND HARTWIG

Name: Dr. Roland Hartwig Title: General Counsel

By: /s/ DR. ALEXANDER ROSAR

Name: Dr. Alexander Rosar Title: Head of Investor Relations

Dritte BV GmbH

By: /s/ DR. ARMIN BUCHMEIER

Name: Dr. Armin Buchmeier Title: Managing Director

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ITEM 12. EXHIBITS
SIGNATURE