

BE SEMICONDUCTOR INDUSTRIES NV

Form 6-K

September 22, 2006

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

**FORM 6-K  
REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16  
OF THE SECURITIES EXCHANGE ACT OF 1934**

**For The Month of July, 2006**

**Commission File Number 000-27298**

**BE Semiconductor Industries N.V.**

(Translation of Registrant's Name Into English)

Marconilaan 4

5151 DR Drunen

The Netherlands

(Address of Principle 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  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).

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).

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

Yes  No

**(If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b) : 82-\_\_\_\_\_.)**

BE Semiconductor Industries N.V. (the Company ) is furnishing a press release dated July 20, 2006 which announced its 2006 second quarter results. A copy of the press release is attached hereto as Exhibit 99.1.

Exhibits

99.1 Press Release dated July 20, 2006

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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, thereunto duly authorized.

BE SEMICONDUCTOR INDUSTRIES N.V.

By: /s/ Richard W. Blickman

Name: Richard W. Blickman  
Title: President and Chief Executive  
Officer  
Date: September 21, 2006