

TBILLEQ function - Calculates the returns corresponding to bonds in treasury in Excel

The following article details the meaning and usage of TBILLEQ function - Calculate the profit corresponding to bonds in the treasury.

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Description: The function calculates the returns corresponding to bonds in the treasury.

Syntax : = TBILLEQ (settlement, maturity, discount) .

Inside:

- **settlement** : The **settlement** date of the securities is the date after the issue date of securities to be sold to buyers, which is a required parameter.
- **maturity** : The **maturity** or **maturity** date of a security, which is a mandatory parameter.
- **discount** : Discount rate of the stock.

Attention:

- **TBILLEQ** function () performs calculations according to the following formula:
- Use the Date function (year, month, day) when entering date values.
- If and invalid function returns error value #VALUE!
- If **discount ? 0** -> the function returns the #VALUE! Error value
- If **settlement > maturity** or **settlement - maturity > 12 months** -> the function returns the #NUM! Error value

For example:

Calculate the profit of the bond knowing the settlement date is 1/1/2016, the maturity date is 1/12/2016 and the discount rate is 8.9%.

	A	B	C	D
1				
2				
3		Cách sử dụng hàm TBILLEQ		
4				
5		Ngày kết toán	Ngày đáo hạn	Tỷ lệ chiết khấu
6		1/1/2016	1/12/2016	8.9%
7		Lợi nhuận trái phiếu là:		
8				
9				
10				

In the cell to calculate the bond yield enter the formula: = **TBILLEQ** (B6, C6, D6) .

	A	B	C	D
1				
2				
3		Cách sử dụng hàm TBILLEQ		
4				
5		Ngày kết toán	Ngày đáo hạn	Tỷ lệ chiết khấu
6		1/1/2016	1/12/2016	8.9%
7		Lợi nhuận trái phiếu là:		=TBILLEQ(B6,C6,D6)
8				
9				
10				

Press **Enter** -> Bond yield with a discount rate of 8.9% is:

	A	B	C	D
1				
2				
3		Cách sử dụng hàm TBILLEQ		
4				
5		Ngày kết toán	Ngày đáo hạn	Tỷ lệ chiết khấu
6		1/1/2016	1/12/2016	8.9%
7		Lợi nhuận trái phiếu là:		0.090
8				
9				
10				

If you enter the due date greater than 1 year from the settlement date -> the function returns the #NUM! Error value.

	A	B	C	D
1				
2				
3		Cách sử dụng hàm TBILLEQ		
4				
5		Ngày kết toán	Ngày đáo hạn	Tỷ lệ chiết khấu
6		1/1/2016	1/12/2017	8.9%
7		Lợi nhuận trái phiếu là:		#NUM!
8				
9				
10				

The above is a usage and some special cases of **TBILLEQ** function hope to help you.

Good luck!

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