

## **Treasury Notes and Bills.**

### **Yield to price**

$$P = \left[ (N) * \left( 1 + \frac{r}{100} \right)^{\left( \frac{-d}{360} \right)} \right]$$

Where:            P            = price per 100 krona.  
                      N            = nominal value = 100  
                      r            = yield  
                      d            = days to maturity

### **Calculated example:**

Name: RIKB 07 0209

Settlement date: 9 October 2003

Parameters:

N = 100 (Price at maturity)

r = 6,5

d = 1200

$$P = \left[ (100) * \left( 1 + \frac{6,5}{100} \right)^{\left( \frac{-1200}{360} \right)} \right]$$

Result:

$$P = 81,065234$$

### **Price to yield**

$$r = \left( \left( P^{\frac{-1}{d}} \right) - 1 \right) * 100$$

$$r = \left( \left( 0,81065234^{\frac{-1}{1200/360}} \right) - 1 \right) * 100$$

$$r = 6,5$$