

**Abstract:**

The possibility of determining the content of pectic substances in tomato fruits via the content of alcohol insoluble substances has been investigated. Fifty-seven samples from eight field tomato varieties grown through five successive years under different soil conditions have been tested. Correlations between alcohol insoluble substances and the insoluble pectic substances ( $r = 0.596$ ), the soluble pectic substances ( $r = 0.772$ ) and the total pectic substances ( $r = 0.895$ ) have been established. A method for the determination of alcohol insoluble substances and for calculation of the total pectic substances using the equation  $y = 0.28x - 0.041$  is suggested.