

**Nowak A.**

## **AGROMETEOROLOGICAL CONDITIONS 2013–2014 AGRICULTURAL YEAR METEOROLOGICAL STATION UMAN**

According to the actual observations of weather conditions, which were held at the meteorological station Uman, by mathematical processing of data and its analysis on the basis of long-term values (average for 30 years – from 1961 till 1990), agrometeorological characteristics of 2013 – 2014 agricultural year was presented.

A characteristic feature of this year was the increased temperature background, scarcity of rainfall in summer and air-soil drought, which began in June and continued until the end of summer.

The average atmospheric temperature of the agricultural year amounted  $9,7^{\circ}\text{C}$ , it was by  $2,3^{\circ}\text{C}$  higher than the long-term average. In the cold season (December – March) sum excess was  $11,8^{\circ}\text{C}$ , and for the warm season (April – September)  $8,9^{\circ}\text{C}$ .

The total rainfall for the year – 566,8 mm, it is on 10.5% less than normal. Therefore, the long-term summer rainfall deficit was a limiting factor for plants growth and development.

**Key words:** atmospheric temperature, atmospheric rainfall, the long-term average data.