

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
ТАВРІЙСЬКИЙ ДЕРЖАВНИЙ АГРОТЕХНОЛОГІЧНИЙ УНІВЕРСИТЕТ
РАДА МОЛОДИХ УЧЕНИХ ТА СТУДЕНТІВ**



**МАТЕРІАЛИ
ВСЕУКРАЇНСЬКОЇ НАУКОВО-ТЕХНІЧНОЇ КОНФЕРЕНЦІЇ
МАГІСТРАНТІВ І СТУДЕНТІВ
(присвячується 80-річчю Запорізької області)
За підсумками наукових досліджень 2018 року**

КАФЕДРА ІНОЗЕМНИХ МОВ



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Всеукраїнська науково-технічна конференція магістрантів і студентів ТДАТУ(присвячується 80-річчю Запорізької області). Кафедра іноземних мов: всеукраїнська науково-технічна конференція, збірник тез доповідей. м. Мелітополь, 19-23 листопада 2018 року. – Мелітополь:ТДАТУ,2018. – **93с.**

У збірнику представлено виклад тез доповідей і повідомлень поданих на всеукраїнську науково-технічну конференцію магістрантів і студентів Таврійського державного агротехнологічного університету.

Тези доповідей та повідомлень подані в авторському варіанті.

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ОРГАНІЗАЦІЙНИЙ КОМІТЕТ СТУДЕНТСЬКОЇ КОНФЕРЕНЦІЇ ТДАТУ 2018 РІК

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A USB Graphics Tablet is totally application independent. It is not just tied to being used within specific programs like Adobe Photoshop or Corel Draw.

Having analyzed numerous reviews and blogs written by well-known illustrators and taking into account personal experience as a digital artist, we decide to point out the main advantages and disadvantages of graphics tablets.

The main benefits of using graphic tablets for making digital illustrations are:

- The graphics tablet is lightweight and comparable in size to the laptop.
- You can easily draw or edit your project on the tablet by using the stylus.
- With a stylus, you can move your hand and wrist into a natural drawing position. This allows you to have much more control over the strokes that you make and you can literally sketch with your computer [3].

- A USB Graphics Tablet can be used in all applications.

Among the most significant disadvantages, we can point out the following ones:

- The graphics tablets are rather expensive and their cost may be prohibitive. Although their prices are slowly coming down.

- Most interfaces on the desktop and the laptop computers are designed with the mouse and the keyboard in mind, making their operation somewhat clumsy with what is essentially the sophisticated stylus.

During the work on this article, we collected a lot of theoretical data and deepened our experience of using such tablets for creating illustrations as well as improved our knowledge of the main working aspects and peculiarities of working on graphic tablets. Summing it all up, if we look at all aspects of using graphics tablets, taking into account all their advantages and disadvantages, we can stress that they are ultimately useful and must be used for work, study and art.

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COMMON FINANCIAL PROBLEMS FOR UNIVERSITY STUDENTS AND WAYS OF THEIR REDUCTION

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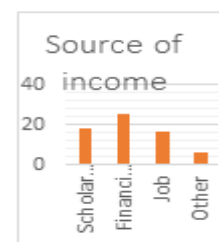
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According to the latest research made by the State Statistics Service of Ukraine, macro-indicators of Ukraine showed positive results, most sectors were reformed. Unfortunately, not everything is as perfect as it seems. At the end of the year, inflation significantly deviated from the targets of the National Bank of Ukraine at 8% and reached about 13-14%. This affected the mood of foreign



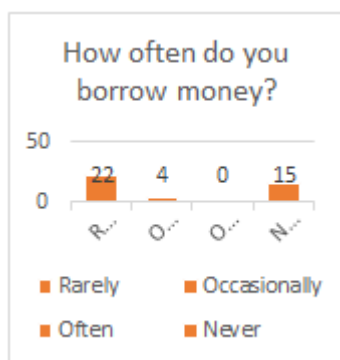
investors, who reduced their investments in our country. All of these issues ultimately lead to a drop in real national incomes [1]. These changes affected the field of education. The Cabinet is almost 10% reduced state order at the university and significantly changed its structure. The state will pay for training 191,100 people, and this is 9.6% less than last year. In 2018, only 25% of students get scholarships, and in 2019 they plan to cut down this amount to 15%. Thus, economists predict a rise of financial instability in the budgets of lots of students and their families [2].

According to the results of the social research conducted by us among the TSATU students, 44% of respondents said that they face financial difficulties from time to time, 33 % told that they have no financial problems, and 23% of students have serious financial problems.

At the same time, nearly 1/4 of students are supported by their parents, only 17% have the scholarship and 10% work in order to earn their living.

Moreover, over 90 % of students have no trust in Ukrainian banks or non-banking financial institutions and never had a loan even in great difficulties.

In addition, 48% of respondents told that they don't have a safety cushion. That's why more than 50% of students have to borrow money from their friends and family members.



Taking all of the received data into consideration, we can state that more than 60% of respondents constantly experience financial problems.

Nevertheless, successful financiers know that it doesn't matter how much you earn, it's important how you spend it. The ability to manage money properly is one of the main qualities of truly rich people. The survey shows that a lot of students does not know how to manage finances correctly, do the savings and therefore constantly need money. Thus, we offer the most reasonable, in our opinion, solutions to financial problems that the students of our university and country are faced with:

1) Cashback. Cashback is the process of returning part of the money from the purchase, and, in fact, one of the types of loyalty programs [3].

2) Safety cushion. A financial safety cushion is an accumulated amount of savings in which you can live a certain time, unexpectedly losing the main source of income. In other words, it is a "stash" or money for a "rainy day" [4].

3) Home accounting. Thus, you can see your expenses in detail and consciously plan all the costs in order to save the family budget.

4) Reducing micro expenses. Each of us makes a lot of small payments every month. Paying them, we have no feeling of losing money. However, in the context of the year, these costs are very tangible and can result in a decent amount.

5) Tax social rebates and tax rebate on education. Each of our parents receives a salary, and the fourth part of this payment is paid at the enterprise where they work, as a tax to the budget. This money can be returned within the next year, if they were spent on training the child [1].

Also, it should be mentioned that there are lots of ways to cope with financial problems, but the main reason of their existence is financial illiteracy. That's why, we think that extra courses on finance management should be organized not only for the TSATU students, but rather for the all members of our community.

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CURRENT PROBLEMS AND ISSUES FOR MAIZE CULTIVATION IN UKRAINE

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Maize is a cereal crop, which is cultivated widely throughout the world and has the highest production among all the cereals. It is an important food staple in many countries and is also used in animal feed and many industrial applications. Maize is important cereal crop that provides food, feed, fodder and serves as a source of basic raw material for a number of industrial products starch, protein, oil, food sweeteners, alcoholic beverages, cosmetics, bio-fuel etc.

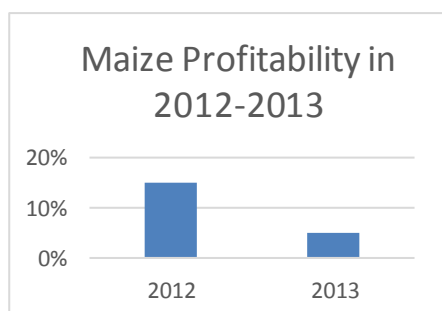
Nowadays this subtropical plant has become widespread in many countries across Europe. Expansion of corn crops and increase of its yield in European countries is the result of breeding progress, which has greatly increased the productivity of hybrids and significantly increased their suitability for lack of heat.

Maize is 3rd major crop in Ukraine after wheat and sunflower. It is cultivated over 4.3 million hectares area. At the same time, more than $\frac{3}{4}$ of produced maize is exported to the Asian and European countries. However, we have almost reached the limit of increasing arable land under its crops - the next increase in production requires qualitative changes in the industry and high investments [1]. Moreover, in order to increase the amount of crops and to make a profit, every year Ukrainian farmers have to overcome certain problems.

One of the main issues is regional climate changes. The difference between daytime and night temperatures leads to the fact that in the daytime this crop is almost not growing and for the processes of thermoregulation spends a lot of moisture. Despite of this, in winter the amount of precipitation has decreased significantly in recent years, and consequently, the reserves of productive moisture in the soil become smaller [3].

Another problem is general soil moisture deficit. Maize crops suffer greatly not only without heat but also moisture in the soil, which can lead to the slowing growth and the loss of productivity. Therefore, in order to ensure good crops, early sowing is gaining popularity. However, the greatest danger for the maize is the fall in temperatures after a short-term warm period, especially when it begins to grow [4].

Ecological situation in Ukraine plays very significant role for maize cultivation. The soil erosion from land-use patterns can negatively affect its productivity. Among the main reasons of soil erosion are:



- The soil is covered with maize for a few months only;
- The leaf cover of the soil is weaker than in other crops;
- With prolonged monoculture maize cultivation the degree of water infiltration is reduced;
- In areas with high humidity, there is a high risk of washing nitrate nitrogen in groundwater and reservoirs [3].

Despite all of challenges and problems, Ukrainian farmers have high maize crops and therefore face with its