The Chosing of Maize Hybrids Cultivated for Sillage
Important Factor for High and Qualitative Productions

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SUMMARY

Delivering a culture of maize silage requires a very important consideration in choosing what hybrid. In most cases the hybrid used is the determining factor in the success of culture. In fact in no country were generalized specialized corn hybrids for fodder production. It is desirable however, that hybrids are used for this kind of culture still to present some specific features, such are: to present a robust cob plant, stems and leaves which are high digestibility and a high content of protein and soluble carbohydrates.

In 2005 at SCDA Turda were studied a number of 8 mid early hybrids, grown for silage. Study shows correlation between the yields obtained, a close and direct relationship between these parameters, given the quadratic regression curve and correlation coefficients. For each density studied after culture is shown correlations between production increases that took place between these parameters outlined above. Thus it was calculated the correlation between the total production of green mass and cobs. Total production of green mass and production of cobs from correlations showed very close relationship between the parameters outlined above by the quadratic regression curve shape and correlation coefficients. Correlation coefficients are $r = 0.715 **$ in D1 60 000 pl/ha, $r = 0.957 **$ in D2 80 000 pl/ha and $r = 0.963 **$ in D3 100 000 pl/ha.

REFERENCE