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**RESEARCH ON AGROTECHNICAL FEATURES OF CICHORIUM
INTYBUS, PALATABILITY AS COWS' FEEDSTUFF AND THE
EFFECTS ON MILK PRODUCTION**

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Abstract: *The current study aimed to assess the Cichorium intybus agrotechnical and nutritional features. No significant differences were recorded between alfalfa and chicory. The chicory shown an increased preferability compared to alfalfa, gramineous or its mixtures. Comparable milk yield were recorded for alfalfa and chicory. Chicory proved it efficiency in cows feeding by an increased palatability and preferability degree.*

• Introduction

Chicory is a perennial plant, drought resistant, adaptable to the current environmental changes. It has an increased protein and tannins content, which is why it does not induce meteoritis.

• Material and method

The geo-botanical method- grid 1m²
Evaluation of the botanical structure from phytocenosis –%

Reporting to the total participation

Evaluation of the nutritional aspects

Animals- 30 dairy cows

Training interval– 10 days

Assesment interval– 20 days

Consumability - the amount of consumed feed out of the total administered (%)

Preferability – voluntary forage consumption based on previously satiety condition

• Results and discussions

Parameters	Emergence (%)	Persistence (%)	Production (t/ha)	Palatability (%)	Preferability (%)	Effect in milk yield (% in 14 days interval)
Cicory	87	88	37	94	83	+19
Alfalfa	88	76	42	89	78	+18
Gramineous	85	70	28	71	66	-14

• Conclusions

-good emergence, abundance, dominance and persistence;

-low permissiveness towards spontaneous flora;

-high degree of consumability and preferability;

-positive impact on milk production;

-positive impact on feeding behavior;

-does not impair the health of cows

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