

«Bypas» - new possibilities of poultry farming without using methionine and lysine

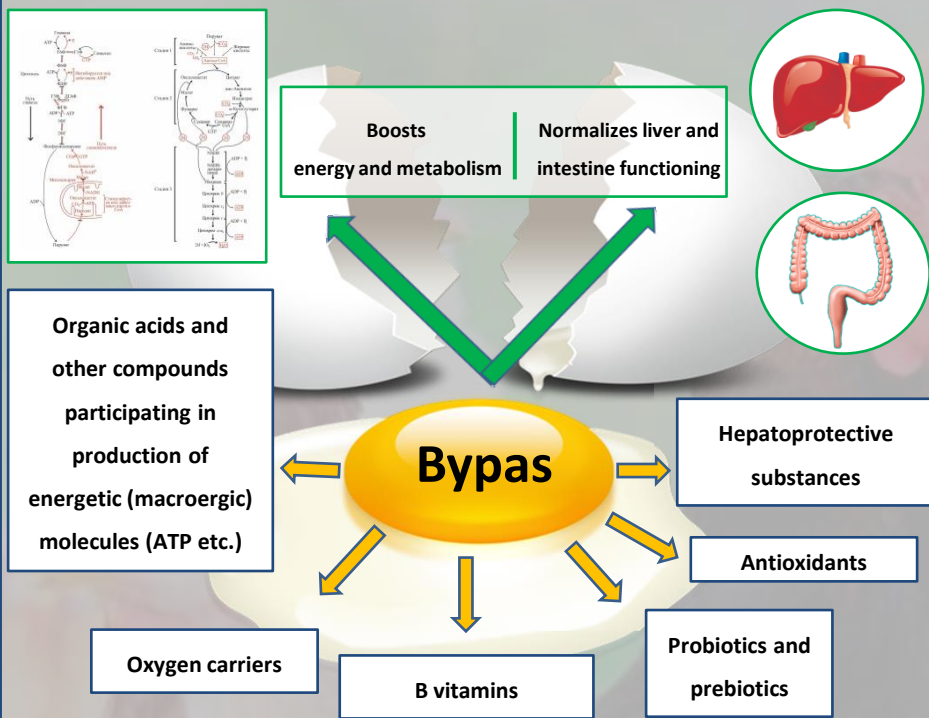
Bypas – it is an unique regulator of metabolism which provides hen with high levels of energy all along the period of egg production.

Composition of Bypas is designed in the way to have multiple positive effects on hens organism.

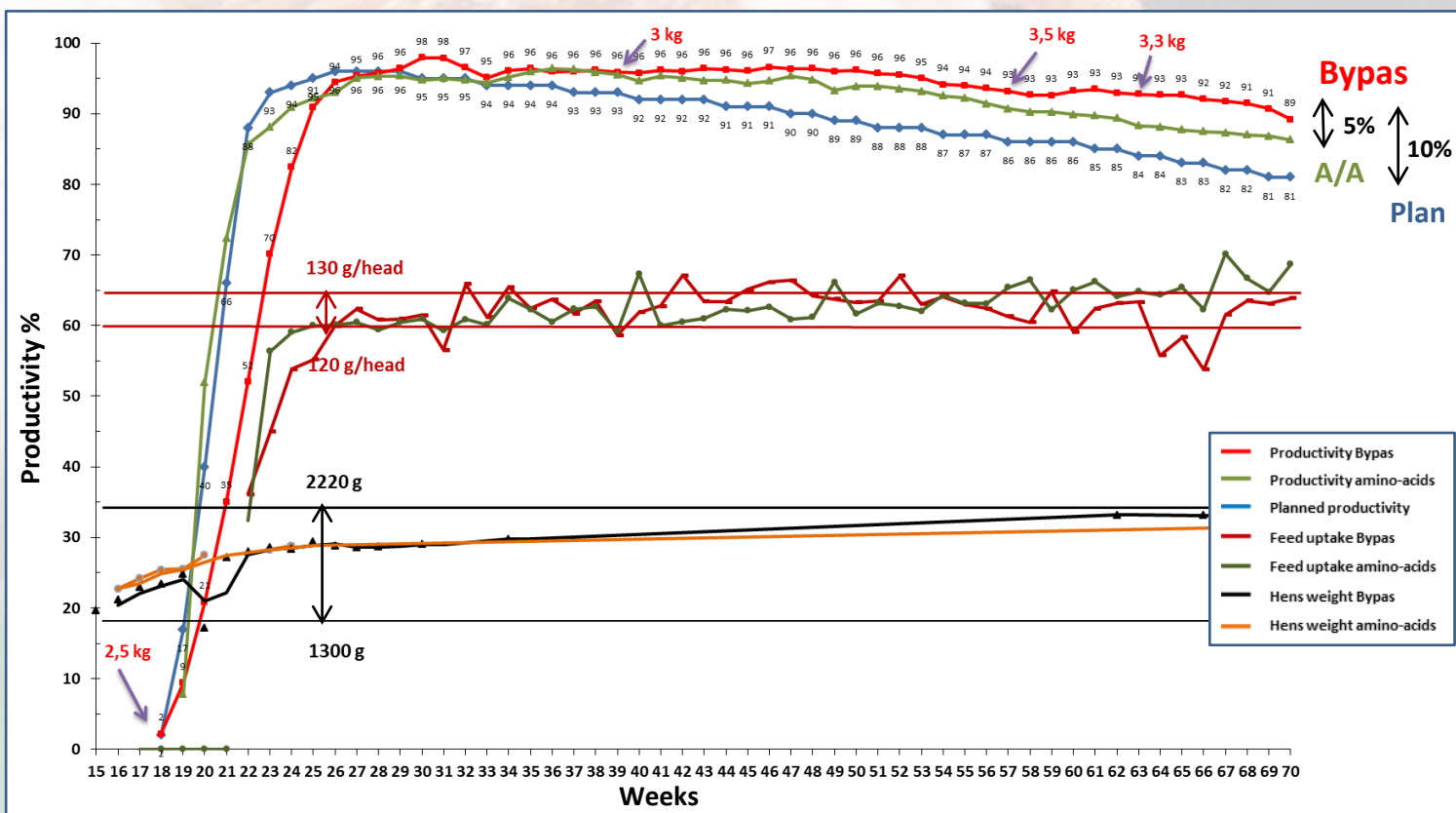
- ✓ Precursors of macroergic molecules and oxygen carriers are activating natural energy gaining processes (glycolysis, Krebs cycle etc.);
- ✓ Pro and prebiotics are intensifying growth of beneficial gut microbiota, improving feed digestion and conversion;
- ✓ Vitamins acting as cofactors in many fermentative reactions are boosting metabolism;
- ✓ Hepatoprotective compounds are revitalizing liver and increasing its ability to neutralize feed toxins.

All effects listed above are allowing to **exclude completely expensive free amino acids- methionine and lysine from hens diet.**

Composition and mode of action of Bypas



Productivity of the hen on the poultry farm «Rus'» in case of «Bypas» or free amino-acids usage



The graph visualizes hens productivity while using Bypas (red curve) or free amino acids (light-green curve) in the composition of the feed. Blue curve represents planned productivity.

It is clearly visible that **in case of Bypas application hens productivity is 10% higher than the planned productivity and 5% higher than the productivity in case of free amino acids usage.** Uptake of the feed stays between 120-130 g/head per day, meantime, **hens grown in the presence of Bypas (dark-red curve) are taking less feed than «amino-acidic» hens (dark-green curve).**