



SATURAN J.

NEW GENERATION
ORGANIC FEED ADDITIVE

● SATURAN J - IS FEED ADDITIVE FOR FARM ANIMALS WITH UNIQUE ORGANIC IODINE COMPOUND

The **key difference** between our product and similar products that currently dominate the market is the **revolutionary formula** developed by a team of Czech and Slovak scientists, which **allows iodine molecules to be integrated into the chain of a group of polyunsaturated fatty acids** in place of double bonds. During the digestion process, these acids break down into smaller elements, from which **iodine is no longer released in the form of ions**, as in most other compounds, but **continues to move to the thyroid gland** (target organ) **in an organically bound form**. Thus, the process of intoxication of the body as a result of blocking the reaction of iodine ions with other elements is completely eliminated, the influence of the balancing factor of other microelements (iron, magnesium, manganese, phosphorus, zinc), as well as carotene and vitamin C, is sharply reduced, which **ultimately significantly increases digestibility of iodine by the animal/bird body**. Accordingly, complete normalization of hormonal levels reduces the risk of severe pathological conditions in animals, has a **beneficial effect on reproductive function, metabolism, and improves productivity**.

The combined **use of our additive with traditional feed** allows the producer to influence in the most effective and targeted organ exactly those processes/functions that he currently considers a **priority for the development of his farm**.



EFFICIENCY FOR DAIRY CATTLE

- **INCREASING THE MILK PRODUCTIVITY OF LIVESTOCK BY 35%**

With increasing productivity, the body's use of thyroid hormones increases, since they directly affect the process of milk formation in ruminants. Thyroid hormones influence the excretory processes in the udder, which manifests itself in increased milk yield and **increased production of milk fat**.

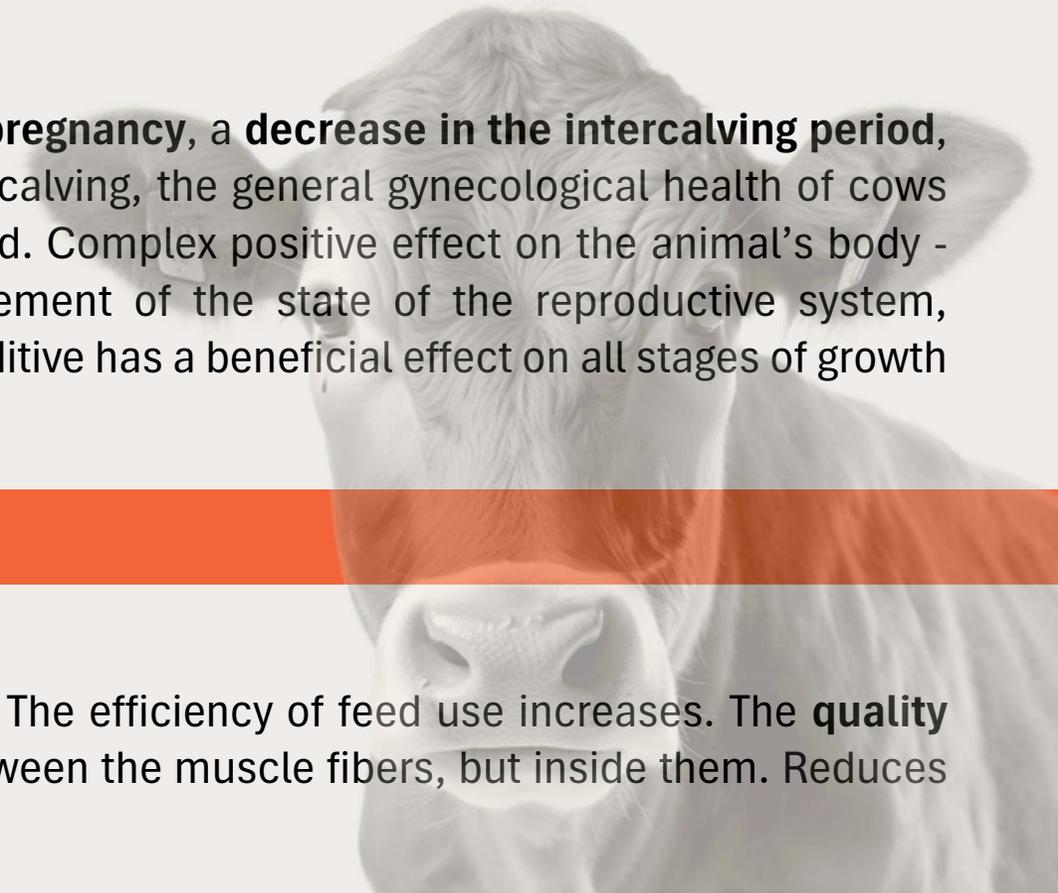
- **REPRODUCTION - LIFE - HEALTH**

There is a **decrease in the mortality** of young animals, an **increase in pregnancy**, a **decrease in the intercalving period**, an **increase in the number of inseminated** cows within 90 days after calving, the general gynecological health of cows improves, and the duration of the service period is significantly reduced. Complex positive effect on the animal's body - normalization of metabolic processes, **increased immunity**, improvement of the state of the reproductive system, normalization of growth and development of the body, the use of the additive has a beneficial effect on all stages of growth and development of the body.

CATTLE MEAT PRODUCTIVITY

- **DAILY WEIGHT INCREASES BY 30%**

Daily weight gain increases and simultaneously reduces growing time. The efficiency of feed use increases. The **quality and taste characteristics of meat are improved** - fat is placed not between the muscle fibers, but inside them. Reduces aggression and stress levels of animals in the herd.



EFFICIENCY IN PIG PRODUCTION

- **INCREASING THE WEIGHT OF PIGS BY 20%**

INCREASING THE PERIOD OF HIGH PRODUCTIVITY OF ANIMALS - the survival rate of newborn piglets is increased, their mortality during growth is reduced by 60%, and weight gain during the suckling period is significantly increased.



EFFICIENCY IN POLUTRY PRODUCTION

- **INCREASED EGG PRODUCTION BY 5%**

IMPROVING EGGS QUALITY reduction in the amount of cracked, dirty, ragged surface. The death rate is **decreasing multiple by 30%**. Longer period of **high egg production**. In **meat poultry farming** ensures a higher rate of weight gain and **reduces the growing period of broilers by 10%**.



ANIMAL PRODUCTS

● INCREASING ORGANIC IODINE IN PRODUCTS

With organically bound iodine in feeding farm animals makes it possible to enrich livestock products with organic iodine:



milk – 0,25 mg/kg



meat – 0,45 mg/kg



eggs – 0,30 mg/kg

In the countries and areas which are poor in natural sources of iodine and the population replaces this deficiency with inorganic, ineffective iodine, for example in the form of salts is using the Saturan J additive a much more effective and healthier solution. In areas that do not suffer from iodine deficiency, there is no danger of iodine overdose.

MAIN CHARACTERISTICS OF PRODUCT

- **FULLY COMPATIBLE** with any feed, feed additives and medicines for veterinary use, it is not needed to change actual animal feed program
- **SYNERGY EFFECTS REVEALED** use of our product allows for more efficient absorption of all components included in modern feeds and premixes, significantly increasing their effectiveness
- **THE PRESENCE OF OTHER SOURCES OF IODINE** in the feed does not harm but support the effect
- **NO SIDE EFFECTS DETECTED - SAFE AND HYPOALLERGENIC**

SATURAN J.

CERTIFICATION

- Throughout the **European Union**, the product is certified as a **veterinary preparation**. Registered as a **feed additive in CIS** countries. **EU certified Bio/Eco pure product, without GMOs**. Production plant in Czech republic.

OUR CUSTOMERS AND PARTNERS ARE

- Livestock farms
- Premix suppliers
- Feed suppliers
- End consumers
- Suppliers of veterinary preparates
- Government / state programs
- Universities
- Research institution



SATURAN s.r.o.
Dopravna 51
831 06 Bratislava
SLOVAKIA



international@saturan.sk
www.saturan.sk



+421 917 930 359