



THE GOAT

Greatest Of All Time

Block



*365 day per year supplementation for increasing
the health & productivity of your goats*



CONTENTS

Greatest of All Time Supplementation	5
GOAT Block Benefits Table	6
Common Nutrient Deficiencies in Goats	7
Other GOAT Block Nutrients & their Benefits	8
GOAT Block Info at a Glance	11
 Blocks for Special Conditions	 12
Ewe Little Beauty	13
Bentobite	14
Bloat Liq	15
Stone Block	16
Molybite	17
 Angora Goats & Mohair Production	 19



GREATEST OF ALL TIME

SUPPLEMENTATION

Introducing Olsson's GOAT Block: The Greatest of All Time.
Unlocking optimal goat health and performance.

Why choose Olsson's GOAT Block?

- **Tailored for goats:** Our GOAT Block is not a one-size-fits-all solution. It's meticulously formulated to address the unique nutritional needs of goats, ensuring their well-being and productivity.
- **Common deficiencies covered:** Goats often lack essential minerals like cobalt, copper, iodine, and selenium. Our block provides targeted supplementation to bridge these gaps, promoting overall health.
- **Salt-based excellence:** Olsson's GOAT Block is salt-based, making it highly palatable for goats. They'll willingly consume it, ensuring consistent nutrient intake.
- **Improved gut health:** A healthy gut means a thriving goat. Our block contains live bacteria that enhance rumen function, improve fibre digestibility, and boost weight gain—even in challenging conditions.
- **Essential amino acids:** These building blocks of protein support growth, reproduction, and muscle development. Your goats will thrive, maximizing profitability.

Benefits at a glance:

- **Fertility:** Boost embryonic development with methionine and lysine.
- **Growth:** Amino acids fuel muscle growth and maturity onset.
- **Lactation:** Improved milk production and udder health.
- **Immune Function:** Strengthened defences against diseases.
- **Metabolism:** Efficient nutrient utilisation for better performance.

How to get Olsson's GOAT Block:

- **Local support:** We believe in supporting local businesses. Find our products through rural agents near you.
- **Expert Advice:** Contact our livestock nutritionists for personalised guidance on usage and benefits.

Make Olsson's GOAT Block a staple in your goat management:

- **Year-round availability:** Keep it accessible all year.
- **Replace when consumed:** Ensure a continuous supply.
- **Safe for all ages and feed programs:** Suitable for every goat in your herd.

GOAT BLOCK BENEFITS-

365 days per year supplementation

The table below lists nutrients in the GOAT Block and the corresponding benefits.

	Maintenance	Growth/weight gain	Lactation	Reproduction/fertility	Brain Function	Energy	Immune function	Prevention of star gazing	Rumen function	Increased appetite	Bone development	Muscle function	Prevention of hypocalcaemia, milk fever	Night vision	Mineral absorption	Hoof health	Udder Health	Production of B12
NUTRIENTS																		
Live Bacteria	•	•					•		•	•					•			
Essential Amino Acids	•	•	•	•		•	•		•	•	•						•	
Vitamin B1 Thiamine					•	•		•							•			
Vitamin E				•			•					•			•		•	
Bypass Protein	•	•		•		•	•		•	•								
Molasses						•			•						•			
Salt	•	•	•	•						•							•	
Calcium			•								•	•	•					
Phosphorus		•	•	•			•			•	•		•					
Sulphur									•	•								
Magnesium	•					•	•			•		•	•					
Copper Intellabond	•	•	•	•			•		•		•					•		
Cobalt		•		•		•	•											•
Potassium		•																
Zinc		•		•			•				•					•	•	
Iron	•																	
Iodine	•	•	•	•			•									•		
Selenium		•		•			•					•					•	
Manganese				•							•	•						

Why is the GOAT Block effective?

Olsson's GOAT Block helps balance the nutritional requirements of your herd. Goat nutrition comes down to a matter of balance. Most feed types and supplements have a positive and negative effect on the animal. Diet, life cycle, and even the time of year can effect the nutritional requirements of your herd.

The first aim for the GOAT Block is to get the rumen right. The second is to correctly balance the vitamins and minerals needed for your herd to thrive, from pre joining all the way through the life cycle of the animal.

The four most common deficiencies in goats are copper, cobalt, selenium & iodine:

COPPER: Copper deficiency can result in goats that do not come into heat, have silent heats, do not get pregnant, cannot stay pregnant, or give birth to stillborn kids. A faded coat is also a symptom of copper deficiency. Copper deficiency in utero will cause swayback in unweaned kids from 0 to 3 months.

Copper deficiency in goats can occur in areas with high rainfall, coastal and mountainous regions and where heavy applications of lime increase molybdenum in the pasture.

Olsson's have introduced a new type of copper supplementation that does not break down in rumen and has a positive effect on the rumen flora. (Read further for the benefits of good rumen flora). **In a nutshell, copper, despite its small size as a micronutrient, significantly impacts goat health.**

COBALT: Goats require cobalt in their diet for the synthesis of vitamin B12. Vitamin B12 is essential for energy metabolism and the production of red blood cells. **In summary, cobalt ensures goats stay energized, reproductively healthy, and productive!**

SELENIUM: Selenium is a trace element that plays an important role in the health and performance of animals. In goats, selenium deficiency has economically significant impacts such as reduced fertility, placental retentions, and the incidence of mastitis. Selenium deficiency is also one of the main causes of kid mortality from birth to 3 months. Goats, even more so than cattle or sheep, are highly susceptible to white muscle disease caused by selenium deficiency.

Supplementing with selenium leads to an increase in fertility, by reducing embryonic death during the first weeks of gestation. Remember, maintaining optimal selenium levels keeps your goats healthy and thriving.

IODINE: Iodine deficiency causes reduced essential thyroid hormone production, leading to an enlarged thyroid gland. This is called goitre. The swelling occurs in the throat area and can be as large as an orange. Goitre is more common in goats than cattle, and because of this goats have a higher requirement for iodine than other livestock.

In summary iodine is essential; deficiency can lead to goiter and other issues.

What else is in the Greatest Of All Time Block and why?

Salt, bypass protein meal, molasses, phosphorous, calcium, sulphur, manganese, zinc, potassium, iron, magnesium, vitamin B1, vitamin E, essential amino acids, and live bacteria.

SALT is often thought to be used just as a way of getting minerals into the animal. However, salt is a crucial part of a goat's diet. Benefits include prevention of metabolic disorders, and increased energy, growth, lactation, reproduction, appetite, maintenance and more. Our block salt also happens to be known as some of the best sea salt in the world. **Remember, providing salt ensures your goats stay healthy and hydrated!**

BYPASS PROTEIN MEAL As the name would suggest this is protein that bypasses the rumen. This protein is included to assist with maintenance, growth, fertility, energy, rumen function, immune function and increased appetite. **In summary bypass protein meal is like a nutritional superhero for goats, promoting growth, health, and vitality.**

MOLASSES Used in this block to help bind all our ingredients together so we don't require any extra setting agents. Molasses also assists

in mineral absorption, prevention of heat/cold stress, provides energy and assists rumen function. Molasses contains minerals and antioxidants. **While it's not a primary source of essential nutrients, it contributes to overall well-being.**

PHOSPHOROUS is an essential mineral present in all the cells of the body. It is important in the conversion of feed into energy and the build up and repair of body tissues and bones. For does phosphorus is essential for the developing foetus and is required after kidding and for milk production. **In summary, phosphorus is a key player in goat health, supporting growth, reproduction, and overall well-being.**

CALCIUM Milk Fever (hypocalcaemia) is a lack of calcium in the system and may occur from 6 weeks prior kidding and in the months after. It is crucial to build up calcium stores throughout the year so it can be mobilised when needed.



Phosphorous in grain can cause issues with binding up calcium. **In summary, maintaining proper calcium levels is essential for your goats' overall health and productivity.**

SULPHUR is required for normal growth and the reproduction of bacteria in the rumen. Sulphur must be present to assist with the synthesis of essential amino acids. **Remember, it's all about balance—just enough sulphur for optimal health.**

MANGANESE plays an important roll in growth, reproduction and muscle function. Manganese deficiency symptoms include reluctance to walk, deformity of forelegs and low birthrate. **In summary manganese plays a vital role in goat health, from bone strength to reproductive success.**

ZINC Marginal zinc deficiency in goats is associated with sub-normal growth and fertility. Crusty proliferations, cracking of the skin and loss of hair on the muzzle, vulva, anus, tail, head, ears, backs of the hind legs, knee folds, flank and neck are the main clinical signs in goats. Foaming from the mouth can also be a sign of zinc deficiency. **In summary, zinc is a tiny powerhouse that keeps goats thriving!**

POTASSIUM plays an important roll in metabolism. Grain feeding can reduce potassium levels, especially in lactating does. A small amount of potassium has been added to the block to counter this. **Remember, maintaining the right balance of potassium ensures your goats stay healthy and hydrated.**

IRON A small amount of iron will assist with maintenance and mineral absorption. **In summary, even a small amount of iron contributes significantly to a goat's well-being!**

MAGNESIUM in a small quantity will accustom the goats to magnesium uptake. Grazing will fulfill the goats daily requirements, however

at kidding time the magnesium requirement increases. **Remember, maintaining adequate magnesium levels is crucial for your goats' well-being. Consider an Olsson's block with higher magnesium when goats are on fast-growing, lush, cool-season pastures and at kidding time. (See special conditions).**

VITAMIN B1 Thiamine, or vitamin B1, helps break down carbohydrates into glucose. Glucose is essential for brain function, as the brain cannot utilise protein or fats. If there is not enough thiamine, the goat will run out of available glucose for energy and brain function even if the goat is still eating well. **In summary, vitamin B1 keeps our cells energized and functioning optimally.**

VITAMIN E helps with reproduction and fertility, hair/wool growth, immune function, muscle function, mineral absorption and udder health. **In summary, vitamin E is vital for goat health, immune function, and overall well-being.**

ESSENTIAL AMINO ACIDS The amino acids work alongside our balanced array of trace elements, vitamins and minerals. They help boost performance in areas such as growth, production and reproduction, maximising the profitability of the herd.

Amino acids for fertility: the intake of methionine and lysine have an important role throughout the fertility cycle, particularly in embryonic development.

Amino acids for growth: amino acids are the building blocks of proteins and polypeptides, a major component of animals' muscles and tissues. For kids, the most important amino acids are methionine, lysine, isoleucine, threonine and leucines.

A deficiency in any of these amino acids results in a slowing of growth and delayed onset of maturity. Amino acids also help increase lactation, metabolic functions, immune response and maintenance. **Amino acids are critical for goat growth, milk production, and overall well-being.**

LIVE BACTERIA Once the yeast is in the rumen, it interacts with the microbial population (bacteria, fungi, and protozoa), fiber, and starch in an anaerobic environment. It helps enhance rumen functions, leading to:

- Early rumen development in all stock
- Increased rumen PH, reducing the risk of acidosis
- Improved fiber digestibility
- Increased weight gain and will excel in challenging conditions
- Improved lactation and milk quality

Supplementing with Olsson's GOAT Block will enhance nutrient utilisation and improve gut health, allowing animals to convert their feed into performance more effectively. This makes supplementing with Olsson's Goat Block even more cost effective.

Optimal gut function: Gut health can be determined by its internal microbiome (diversity and number of microorganisms in the gut), its digestive efficiency and its immune function.

A diverse gut ecology is associated with improved

health. The beneficial bacteria grow and therefore compete directly with the pathogenic bacteria. An unbalanced gut microbiome not only leads to digestive problems, but also make animals more susceptible to diseases. A healthy gut, on the other hand, wards off pathogens, reducing the risk of infections. Therefore, the integrity of the gut needs to be supported. The physical barriers in the gut lining, for example tight junctions or intestinal villi, prevent harmful bacteria from passing through the intestines and entering the bloodstream. Such breaching the barrier causes significant harm by infections. High level gut health and integrity promotes efficient digestion and nutrient absorption in the animal.

When the gut is functioning optimally, it allows the animal to use its feed efficiently, consequently leading to improved growth and performance.

Remember, adding live bacteria will help maintain a balanced diet and addressing specific goat needs contribute to their overall health and well-being.



THE GOAT

Greatest Of All Time

Block

THE GOAT BLOCK

AVAILABLE IN 2 & 20KG BLOCKS



A mineral lick block designed specifically for goats. Formulated for the improvement of rumen function, immunity, fertility and overall health.

Olsson's GOAT (Greatest of All Time) Block is an advanced multi nutrient supplement which has been formulated specifically for goats. Goats are more susceptible to cobalt, copper, iodine and selenium deficiencies than other livestock, and these deficiencies have been specifically targeted in this block.

By adding amino acids, vitamins and minerals we have covered the nutritional requirements of goats throughout the year, helping prevent common deficiencies & enhancing bone development, milk production & reproductivity.



DIRECTIONS FOR USE

Make available all year round. Replace when consumed. Place enough blocks out to avoid overcrowding. Safe for goats of all ages and all feed programs.

Consumption: Goat 1-10 grams/head/day. Consumption rates will depend on life cycle of herd and the quality of available feed. High consumption will appear if supplementation is stopped & then restarted.

TYPICAL ANALYSIS

Salt (NaCl)	34%	Iodine (I)	Min. 300mg/kg
Protein Meal (Microproteins)	15%	Manganese (Mn)	Min. 600mg/kg
Phosphorus (P)	Min. 4.4%	Potassium (K)	930mg/kg
Calcium (Ca)	13.2%	Magnesium (Mg)	200mg/kg
Molasses	6%	Iron (Fe)	Min. 150mg/kg
Live Bacteria	1%	Copper Intellibond	500mg/kg
Sulphur (S)	1%	Selenium (Se)	36mg/kg
Cobalt (Co)	Min. 400mg/kg	Amino Acids	
Zinc (Zn)	Min. 180mg/kg	Vitamins B1, E	

BLOCKS

FOR SPECIAL CONDITIONS

Olsson's GOAT block has been developed as a fantastic all year-round supplement for goats in the southern states, providing the essential nutrients they need to thrive. By providing GOAT blocks at all times, many common vitamin and mineral deficiencies can be avoided.

However, because Australia has such varied weather and pasture conditions there are times when additional blocks will be needed. The following pages list our supplement that target specific conditions, such as bloat, grass tetany, toxic plants, flies and ticks, and more.

If you have an issue specific to your stock that isn't listed don't hesitate to get in touch with us- chances are we have a block for it! We encourage producers to contact us on our help line: **1800 804 096**. We have experts across every state that will listen and work on a solution, just ask to talk to a rep in your area.

Sometimes you will require blocks for special conditions...



1968

Since 1948 Olsson's has produced hundreds of different blocks for all regions of Australia.



2024

YOU HAVE GOT TO BE KIDDING

EWELITTLE BEAUTY PRE LAMBING/KIDDING BLOCK • AVAILABLE IN 15KG BLOCKS



A high energy block for goats before kidding.



Olsson's Ewe Little Beauty Pre Lambing is a specialized high-energy block designed to assist in the prevention of pregnancy toxaemia (also known as twin kid disease or ketosis) in goats. This metabolic disorder occurs when a goat's energy requirements are not adequately met, particularly during late pregnancy. Goats carrying twins are more susceptible, but even those carrying single lambs can be affected.

KEY FEATURES:

1. **Glucose supply:** The block supplies glucose to the goat in the form of premium glycerol. This helps prevent pregnancy toxaemia by ensuring that the goat's energy needs are met during this critical period.
2. **Improved kid health:** By providing essential energy, Olsson's Ewe Little Beauty Pre Lambing also contributes to giving kids the best start in life.
3. **20% glycerol content:** The block contains 20% glycerol, making it an effective supplement for pregnant goats.

SIGNS OF PREGNANCY TOXAEMIA:

The symptoms of pregnancy toxaemia are similar to other metabolic disorders that goats may suffer from, such as hypocalcaemia (milk fever) and hypomagnesaemia (staggers). Recognizing these signs early is crucial for timely intervention.

RECOMMENDED USAGE	TYPICAL ANALYSIS			
Year-Round Supplementation: Consider supplementing with Olsson's GOAT block throughout the year to maintain overall goat health. Pre-Kidding Preparation: Add Ewe Little Beauty to your program 2-3 weeks before kidding to reduce the prevalence of metabolic diseases. Magnesium Boost: With 4% magnesium content, this block also helps reduce the risk of hypomagnesaemia.	MACRO INGREDIENTS		Magnesium (Mg)	
	Bypass Protein Meal	6%	Molasses	Min. 45%
	Calcium (Ca)	5.1%	Glycerol	20%
	Phosphorus (P)	1.7%	MICRO INGREDIENTS	
	Salt (NaCl)	4%	Selenium (Se)	26mg/kg

BENTOBITE

AVAILABLE IN 20 & 34KG BLOCKS



A protein supplement with bentonite. Helps absorb toxins & control green season scouring.



Olsson's Bentobite offers a range of benefits to enhance livestock well-being and productivity.

TOXIN ABSORPTION AND SCOUR CONTROL: Bentobite aids in absorbing toxins, which is crucial for maintaining livestock health. It effectively controls green season scouring, ensuring better overall performance.

ACIDOSIS PREVENTION DURING FEED CHANGES: When transitioning feed or diet, Bentobite helps prevent acidosis, a common issue.

BENTONITE AND PROTEIN MEAL COMBINATION: Bentobite contains bentonite and protein meal. Bentonite binds toxins in the gut, promoting detoxification. The protein meal balances rumen function, optimizing digestion.

REDUCING BACTERIAL IMPACT ON STUBBLES: After rain, naturally occurring bacteria on stubbles can lead to weight loss, infertility, and even death. Bentobite's bentonite component effectively binds these harmful bacteria, safeguarding livestock.

UNIVERSITY RESEARCH VALIDATION: Research conducted at the University of New England confirms the benefits of bentonite. The addition of bentonite clay and high-quality bypass protein significantly improves productivity.

DIRECTIONS FOR USE

Place away from watering points. Place out enough blocks to avoid overcrowding. Replace when consumed.

Consumption: Goats: 5-10 grams/head/day, depending on available feed. For use when introducing change of diet, will help reduce the effects of acidosis in feed lot situations. Helps bind toxins that appear on stubbles after rain fall. Reduces green season scours.

TYPICAL ANALYSIS

Protein Meal	25%	Salt (NaCl)	31%
Total Protein Equivalents	9%	Bentonite	33%
Molasses	7%	Sulphur (S)	2.2%

BLOAT-LIQ

AVAILABLE IN 15 & 40KG BLOCKS



A effective aid in bloat control.

GOAT BLOAT CAUSES:

1. **Overeating:** hen goats consume excessive food, especially clover, rich grass or legumes, it can lead to bloat.
2. **Sudden dietary changes:** Abrupt shifts in their diet disrupt the delicate rumen balance, causing gas build up.
3. **Ingestion of weeds or forbs:** Certain plants trigger bloat.

SYMPTOMS:

- Lack of appetite
- Abdomen inflation (high on the left side)
- Discomfort
- Pain/tense facial muscles
- Grinding teeth
- Kicking belly
- Bleating
- Stamping
- Frequent urination
- Stilted walk
- Difficulty breathing
- Lying down

Olsson's Bloat-Liq is a molasses-based, anti foaming block (10% Alcohol Ethoxylate Teric 12A 23) designed to relieve the symptoms of this annual killer. Bloat-Liq is rain resistant, easy to use, works 24 hours a day and is one of the best value bloat products on the market. **APVMA Approval No. 41900/15/0108.**

DIRECTIONS FOR USE

Place out enough blocks to avoid overcrowding two weeks prior to suspected bloat season.

Consumption: Feed on an ad-lib basis during bloat season. Consumption can be reduced when used in conjunction with Olsson's GOAT block.

TYPICAL ANALYSIS

Bypass Protein Meal	2.8%	Calcium (Ca)	2.3%
Total Protein Equivalents	1.0%	Magnesium (Mg)	2.7%
Molasses	67.5%	Phosphorus (P)	0.6%
Salt (NaCl)	3.2%	Sulphur (S)	0.1%
Alcohol Ethoxylate	10.0%		

Active Ingredient: 10% Alcohol Ethoxylate Teric 12A 23- 1g/10g of block.

STONE BLOCK

AVAILABLE IN 20KG BLOCKS



Stone Block contains ammonium chloride and is used to treat and prevent urinary calculi, commonly known as 'water belly'.



PHOSPHATE BLADDER STONE CAUSES:

- 1. Improper feeding:** An imbalance of calcium to phosphorus in the diet can lead to urinary calculi
- 2. Grain-heavy diet:** Overfeeding grains can contribute to the problem.

SYMPTOMS:

- Restlessness or anxiety
- Repeatedly standing up & lying down
- Pacing & crying noises
- Tail twitches or twists
- Depression
- Teeth grinding (bruxism)
- Abdominal pain
- Increased vocalization
- Sensitivity to touch
- Isolation from the herd
- Loss of appetite
- Difficulty urinating (dribbling or bloody urine)
- Straining forcefully
- "Hunched up" appearance
- Dried crystals or grit on preputial hairs

Olsson's Stone Block is used for the prevention of urinary calculi in goats, a serious condition. These mineral stones, primarily made of phosphorus, can become lodged in the urethra, blocking the passage of urine. **Remember, prevention is crucial. Supplementing with Olsson's Stone Block and access to clean water can help protect your goats from this life-threatening condition.**

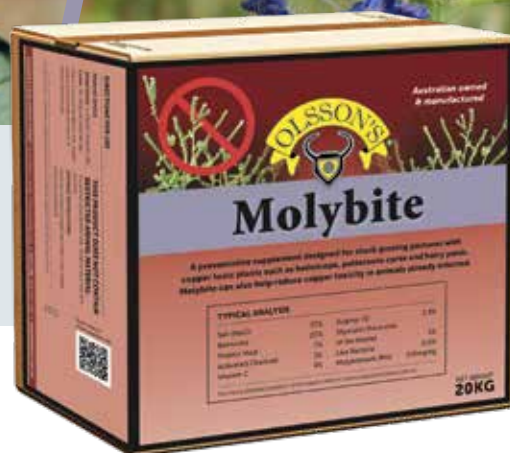
DIRECTIONS FOR USE	TYPICAL ANALYSIS			
Goats: 5-10g per head per day	Ammonium Chloride	1%	Molasses	10%
	Salt (NaCl)	80%	Selenium (Se)	26mg/kg
	Calcium Carbonate	9%		

MOLYBITE

AVAILABLE IN 20KG BLOCKS



An advanced bentonite and molybdenum supplement for ruminants grazing areas infested with liver toxic plants such as heliotrope.



NEW & IMPROVED FORMULA. Olsson's Molybite is a preventative supplement containing bentonite and molybdenum, designed for stock grazing pastures with copper toxic plants such as heliotrope, pattersons curse and hairy panic.

Molybite can also help reduce copper toxicity in animals already infected. It now contains silymarin, a group of plant compounds extracted from milk thistle, which has antioxidant, hepatoprotective and anti-inflammatory properties for promoting liver cell repair.

In areas infested with liver toxic plants it is recommended that Molybite is supplied on an ad-lib basis.

DIRECTIONS FOR USE	TYPICAL ANALYSIS			
Goats: 5-10g per head per day	Salt (NaCl)	57%	Sulphur (S)	2.3%
	Bentonite	20%	Silymarin (from	
	Protein Meal	7%	milk of the thistle)	1%
	Activated Charcoal	3%	Live Bacteria	0.2%
	Vitamin C	4%	Molybdenum (Mo)	110mg/kg



ANGORA GOATS

AND MOHAIR PRODUCTION

Angora goats are distinct from other breeds due to their exceptional mohair fiber. Let's explore how Olsson's GOAT Block, rich in essential amino acids like methionine, contributes to their well-being:

Methionine Importance

- **An essential amino acid:** Methionine is vital for protein synthesis.
- **No self-synthesis:** Unlike some amino acids, Angora goats cannot produce methionine internally. They rely on dietary sources or methionine-containing proteins.
- **Enhancing mohair quality**

Additional essential amino acids in the Goat block

- **Lysine:** Lysine is an essential amino acid that supports protein synthesis and overall growth. It contributes to the quality and quantity of mohair fibres. Ensuring adequate lysine intake is essential for optimal angora goat health.
- **Cysteine and Cystine:** These sulphur-containing amino acids are vital for hair fibre production. Cysteine is a precursor for the formation of disulfide bonds, which contribute to the strength and structure of mohair. Cystine, formed by two cysteine molecules, also plays a role in maintaining fibre integrity.
- **Threonine:** Threonine is essential for protein synthesis and overall metabolism. It contributes to the growth and quality of mohair fibres.
- **Arginine:** Arginine is involved in various physiological processes, including wound healing and immune function. While not directly related to mohair, its overall impact on goat health indirectly influences fiber production.

In summary, a balanced intake of these amino acids, ensures optimal mohair growth and maintains the well-being of these magnificent Angora goats.



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