**OX - TESTO BLEND**

**Tribulus Terrestris Extract 60%:**
Tribulus terrestris is a fruit-producing Mediterranean plant that's covered with spines. It is also called puncture vine. Tribulus terrestris has been widely used by bodybuilders and is gaining popularity among male athletes for muscular hypertrophy, skeletal muscle strength development, boosting libido, promoting testicular development as well as a treatment for hypertension, relieving kidney disorders and colic while remaining “natural”.\(^{15}\)

**Hawthorn Extract**
Hawthorn is a thorny shrub that is grown throughout the world. It is known for its antioxidant properties. Hawthorn has been researched and discovered to significantly improve heart function, help with angina or chest pain and may benefit people who struggle with high blood pressure.\(^{4}\)

**Pine Bark Extract 95%**
Pine bark extract is one of the greatest sources of antioxidants which may provide numerous health benefits. Pine bark extract has been found to possibly improve diabetic symptoms by lowering glucose levels, helps improve balance, staves off infections, protects skin from ultraviolet rays, decreases erectile dysfunction, reduces inflammation and may increase athletic performance.\(^{1}\)

**Horny Goat Weed Extract**
Horny Goat Weed has historically been used to relieve symptoms associated with the hardening of arteries. It has been used for centuries in traditional Asian medicine for people with sexual difficulties and erectile dysfunction. In addition it may relieve hay fever symptoms.\(^{6}\)

**Tongkat Ali Extract**
The roots of tongkat ali, often called “Malaysian ginseng”, are used as an adaptogen and as a traditional “anti-aging” remedy to help older individuals adapt to the reduced energy, mood, and libido that often comes with age. In modern dietary supplements,
tongkat ali can be found in a variety of products intended to improve libido and energy, restore hormonal balance (cortisol/testosterone levels) and enhance both sports performance and weight loss.¹⁶

**D-Aspartic Acid**
D-aspartic acid is currently recommended as a viable product to significantly raise testosterone, especially in individuals who are less active and have below average testosterone levels. The amino acid D-aspartic acid (DAA) is formed naturally in the body. DAA has several tasks in the body. One is to rapidly increase the production of testosterone by increasing the production of a signal molecule that regulate the secretion of luteinizing hormone and testosterone.¹⁰

**ADRENAL SUPPORT BLEND**

**Maca Root Extract**
Research shows the benefit of maca in the production of sex hormones, enhanced sex drive, stimulation of body metabolism, control of body weight, and increased energy, stress reduction, antidepressant activity, and memory improvement. Maca root, is a natural food product, and has been used by people from the young to the elderly to boost energy levels and to increase physical stamina and overall performance. Maca root has been shown to help maintain stamina and endurance in athletes, promote better mental clarity. Additional research also suggests maca may improve sleep, mood, fertility and energy.⁸

**Panax Ginseng Extract**
Panax ginseng has been recognized for decades for their effects on the central nervous system. This supplement has been found to enhance memory and learning.¹² Ginseng aids in prevention of heart disease, stroke, and unhealthy cholesterol levels and strengthens the immune system. In addition, ginseng has been found to improve erectile dysfunction, menopausal symptoms, and improve heart health.¹¹

**Ganoderma Extract**
This extract is from the reishi mushroom family. Mushrooms are well known for their antibacterial, antiviral, hypotensive, hypoglycemic and antioxidant properties. This extract is used for boosting the immune system. It also contributes to fighting against heart disease, cancer and liver disease, high blood pressure, fatigue, altitude sickness and stomach ulcers.⁹

**Phytonadione**
This vitamin activates proteins and calcium essential to blood clotting and may help prevent hip fractures. In addition, this vitamin may prevent cardiovascular disease and may play a role in bone strength and in fighting against osteoporosis.\textsuperscript{17}

**BIOAVAILABILITY BOOSTER**

**Black Pepper Extract**
Black pepper extract has a positive effect on absorption of nutrients from the intestine. This effect is known as "bioenhancement.". Piperine may be useful for people who suffer from conditions that cause malabsorption of nutrients and people suffering from malnutrition. Black pepper has been used for centuries to treat gastrointestinal distress, inflammation, pain and other disorders.\textsuperscript{13}

**Chromium Aminonicotinate**
Chromium assists in keeping blood sugar levels healthy, and it also helps build lean, muscular bodies.\textsuperscript{2} Enhances the sensitivity of insulin, helps maintain normal blood glucose levels, and is needed to free energy from glucose.\textsuperscript{5}

**Vitamin B3**
The vitamin B3 plays a role in metabolism of carbohydrates, fats and proteins. This means it helps convert food into energy. Getting an adequate amount of B3 helps ensure your metabolism of nutrients is at its best and aids in maintaining your energy levels. B3 has been prescribed for the treatment of various cardiovascular conditions and cholesterol deficiencies.\textsuperscript{3}

B3 may also play a role in decreasing migraine and tension-type headaches.\textsuperscript{14} One study even suggested that all schizophrenia patients should be treated with niacin as quickly as possible and for the duration of their lives as quality of life would be improved and some patients may even achieve clinical remission.\textsuperscript{7}

**Vitamin B6**
Vitamin B6 aids in lowering homocysteine levels and may reduce the risk of heart disease. This vitamin helps convert tryptophan to niacin and serotonin, a neurotransmitter that plays key roles in sleep, appetite, and moods. It helps make red blood cells and Influences cognitive abilities and immune function.\textsuperscript{5}

**Selenium**
Selenium acts as an antioxidant. It has been shown to neutralize unstable molecules that can damage cells. Concentrations of selenium are higher in the thyroid gland than in any other organ in the body. It plays an important role in hormone synthesis and metabolism functions in the thyroid. In addition, selenium aids in the prevention of cancer and cognitive decline.

**Vitamin E**
This vitamin acts as an antioxidant. It aids in neutralizing unstable molecules that can damage cells. Vitamin E Protects vitamin A and certain lipids from damage. It has been found that diets rich in vitamin E may help prevent Alzheimer's disease.

**Zinc**
Helps form many enzymes and proteins and creates new cells. Zinc frees vitamin A from storage in the liver. This mineral is needed for a healthy immune system, taste, smell, and wound healing. When taken with certain antioxidants, zinc may delay the progression of age-related macular degeneration or vision loss.

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