

Advantra Z® Plus

Ephedrine-Free Fat Burner

Until now, ma huang or ephedra has been the only option for those searching for a natural, thermogenic weight loss agent. Preliminary research has shown that Advantra Z® is an exceptional alternative to ma huang. Advantra Z® is the first product that works as effectively as ma huang without the potentially negative central nervous system and cardiovascular side effects.



Ingredients

2 tablets contain:

Sour Orange Extract (Advantra Z®)	650 mg
Guarana Extract	100 mg
Green Tea Extract	50 mg
Cayenne	10 mg

Recommended Use

Adults take 2 tablets with an 8 oz. glass of water 30 minutes before breakfast and lunch daily. Take an additional tablet with an 8 oz. glass of water 30 minutes before dinner daily.

Benefits of Advantra Z®

- Works as effectively as ma huang without the potential side effects.
- Is the only zhi shi product on the market with a pending formulation and use patent for:
 - ✓ Burning fat
 - ✓ Increasing physical performance
 - ✓ Building lean muscle mass

What is Advantra Z®?

Advantra Z® is a unique zhi shi extract. Zhi shi is the immature dried fruit of Citrus aurantium - also commonly referred to as bitter orange. You may know Citrus aurantium by a number of other names: C. florida, C. vulgaris, C. bigaradia, sour orange, Seville orange, or Neroli orange.

For thousands of years, zhi shi has been used in Traditional Chinese Medicine to treat chest congestion and indigestion, stimulate gastrointestinal functions, and improve circulation and liver function – with no reported adverse reactions.

No Dangerous Side Effects

Until recently, ma huang was considered the most effective natural thermogenic. Unfortunately, the FDA has declared that it sometimes causes negative amphetamine-like side effects: elevated blood pressure, muscle disturbances, insomnia, dry mouth, heart palpitations, and nervousness.

These side effects can occur because the amines in ma huang are lipophilic; they are attracted to fat and easily cross fatty membranes that comprise the blood-brain barrier – thereby causing central nervous system and cardiovascular side effects.

The amines in Advantra Z® are not as lipophilic; they do not readily cross the blood/brain barrier.

In fact, Advantra Z's amine composition prefers retention in the periphery rather than passage into the brain. Plus, Advantra Z's adrenergic agents are thermogenic at dose levels well below those needed to cause increases in heart rate and blood pressure. So you won't see the central nervous system and cardiovascular side effects that are believed to occur with ma huang.

How Cell Receptors Respond to Adrenergic Amines in Advantra Z® Plus

Every cell in the body has cell receptors – called alpha-1, and –2 and beta-1, -2, and –3 – that can be occupied by the body’s own adrenergic amines: adrenaline and noradrenaline.

When a receptor is occupied, the amine elicits a response from the cell. But how that response is perceived by the body depends on the type of receptor, the number and predominant types of receptors found on the cell, and the tissue or organ containing the cell. While the body’s overall response to adrenergic amines is complex, in general:

- Alpha-1 receptors cause constriction of the arteries – which can increase blood pressure.
- Alpha-2 receptors affect blood pressure by constricting peripheral blood vessels and inhibiting lipolysis.
- Beta-1 and Beta-2 receptors affect cardiac function by causing bronchodilation and dilation of blood vessels in the heart and skeletal muscle.
- Beta-3 receptors increase the rate at which fat is released from body stores (lipolysis) and increase the resting metabolic rate (thermogenesis).

Preliminary research has shown that Advantra Z® stimulates beta-3 receptors almost exclusively and – unlike other thermogenic products – makes minimal contact with the alpha-1, alpha-2, beta-1 and beta-2 receptors that can cause negative cardiovascular side effects.

By increasing lipolysis and thermogenesis, Advantra Z® enables the body to accelerate the removal of unwanted fat stores and – when used in conjunction

with a balanced diet and regular exercise – lose weight.

Finally, when Advantra Z® is used in combination with high protein intake and a moderate weight training program, the body increases the availability of amino acids which are then incorporated into protein to build lean muscle mass.

All of these physical processes – burning fat, increasing physical performance, and building lean muscle mass – are more efficiently accomplished by Advantra Z than by other weight loss agents.

Other Extracts in Advantra Z® Plus

Green Tea Extract

Green Tea is especially rich in bioflavanoids known as catechin polyphenols which not only are potent antioxidants, but have a significant impact on the sympathetic adrenal system. Along with the natural caffeine in green tea, these catechin polyphenols were found to promote thermogenesis and lipolysis (fat oxidation) beyond that which can be explained by its caffeine content.

Guarana

Pure guarana seed is efficiently digested so that its compounds and trace elements are rapidly distributed to the metabolism, providing an energy boost with numerous health benefits. For example, the refreshing effect of guarana allows some suppression of appetite to assist weight control in conjunction with a balanced, low calorie diet.

Cayenne

A catalyst for all herbs. Improves circulation and aids digestion.

The synergistic effect of Zhi Shi extract, Green Tea, Guarana, and Cayenne in Advantra Z® Plus, cause a synergistic effect to promote weight loss due to enhanced metabolic rate (thermogenesis), lipolysis (fatty acid oxidation) and anabolic effect (increase in lean body mass).