

Bio-Fen Plus™

Hair Grow Technology Inc.

Info Sheet for Consumers

Bio-Fen Plus™ is a natural health product used in the treatment of hereditary androgenic alopecia (AGA) in adults (male or female pattern baldness.) It contains scientifically calculated proportions of extracts of fenugreek seeds, saw palmetto berries and flax lignans. Each is known to possess an inhibitor of the enzyme responsible for causing male or female pattern baldness. It also contains a mixture of B vitamins, folate and biotin to help metabolize these herbal extracts so that they are more bio-available, and to support the growth of strong and healthy looking hair.

What causes hereditary hair loss?

Each hair grows from a pocket in the skin called the hair follicle. During its growing phase, the follicle has a bulb-shaped bottom, the center of which is called the dermal papilla. The papilla is fed by very small blood vessels, which bring it food and oxygen and remove wastes. The papilla is highly sensitive to hormones and chemicals secreted by the body (or ingested as a medicine) which impacts hair growth.

It is believed that some individuals have a genetic predisposition to a receding hairline (most common in men) or hair/follicle thinning over larger areas of scalp (more common in women). These conditions result from hormonal changes caused by an enzyme in the dermal papilla called 5-alpha-reductase. This enzyme breaks down the hormone testosterone into dihydrotestosterone (DHT). Over a period of time, an over abundance of DHT causes the hair follicle to degrade and shortens the active phase of the hair, leading to thinner hair and eventual hair loss.

How does Bio-Fen Plus™ work?

Specific compounds within the herbal extracts inhibit the 5-alpha-reductase (and therefore reduce DHT) to prevent or slow down the rate of hair loss. This process is the principle by which the prescription drugs Rogaine (minoxidil) and Propecia (finasteride) work. However, *Bio-Fen Plus™* contains additional compounds which remove excess cholesterol and testosterone – the building blocks of DHT. *Bio-Fen Plus™* also contains vitamins to increase blood flow to the small capillaries that feed the hair roots, to deliver the active herbal compounds and remove waste. **Therefore, Bio-Fen Plus™ provides a natural, safer alternative to these expensive drugs, and/or expensive & painful hair transplants.** As with the prescription alternatives, results vary from person to person, and no one product will work for everyone.

How long must I use Bio-Fen Plus™?

Bio-Fen Plus™ capsules are usually effective at stopping hair loss within the first two months.

However, since healthy hair grows only about 1 cm each month, it may take up to three months before you notice that hair growth is increased or further hair loss is stopped. Anyone experiencing new growth will see it within four to six months. Once results become apparent, some users are able to reduce their Bio-Fen Plus™ supplement dose to one capsule every second or every third day. Some clients will continue to take Bio-Fen Plus™ daily. Once you stop completely, however, your hair growth pattern will slowly go back to the point where you started.

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How safe is Bio-Fen Plus™?

The ingredient combination in Bio-Fen Plus™ is generally safe for most adults. However, the following cautions are advised:

Saw palmetto: Do not use if you are pregnant or breastfeeding, or if undergoing hypoglycemic, anticoagulant or hormonal therapy.

Folic acid: Consult a health care practitioner if you are uncertain whether or not you are taking adequate vitamin B₁₂, as folate supplementation can mask a Vitamin B₁₂ deficiency.

Vitamin B3: Consult a health care practitioner prior to use if you have impaired liver function.

Vitamin B6: Consult a health care practitioner prior to use if you are taking levodopa.

What does each Bio-Fen Plus™ capsule contain?

Fenugreek (<i>Trigonella feonum graecum</i>) seed extract 4:1 ...	260 mg
Saw palmetto berry extract containing	
45% free fatty acids	160 mg
Flax lignans, standardized to 20%	
secoisolariciresinol diglucoside (SDG)	100 mg
D-calcium pantothenate (Vitamin B5)	10.40 mg
Niacinamide (Vitamin B3)	10.25 mg
Pyridoxine HCl (Vitamin B6)	2.00 mg
Riboflavin (Vitamin B2)	1.58 mg
Folic acid	0.095 mg
Biotin	400 mcg

Non-medicinal ingredients: inert microcrystalline cellulose and vegetable-based magnesium stearate in a veggie-based capsule.

Recommended adult dose is one capsule per day (30 capsules per tamper-evident bottle)

What is the quality of Bio-Fen Plus™?

Bio-Fen Plus™ is manufactured in Canada according to quality assurance specifications called Good Manufacturing Practices (GMP). This ensures that the ingredients are tested for their level of quality, potency & purity, prior to production and again prior to sale.

See our website to locate your nearest pharmacy which offers *Bio-Fen Plus™* and other quality **Hair Grow Technology** products which target hair loss and support the growth of strong, healthy looking hair. If you have any questions or comments, please do not hesitate to contact us.

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