



Supplement Facts		
Serving Size 2 Vegan Capsules	Amount Per Serving	% Daily Value
Black Ginger	140 mg	*
Turmeric	76 mg	*
Cordyceps	60 mg	*
Amalaki	60 mg	*
Blue Butterfly Flower	60 mg	*
Black Pepper	4 mg	*

*Daily Value not established.

Other Ingredients: Hypromellose (vegetable capsule)

Suggested Use: As a Dietary Supplement, take 2 capsules, per day after a meal.

Weight per capsule: 494mg - Gross Weight: 95.2g

Manufactured in a GMP, Halal, FDA, US Approved Facility

Slam Superherbs, 149/9, M1, T.Muang Kaew, A.Mae Rim, Chiang Mai, 50180 Thailand.

www.cptsuperherbs.com

Warning: Consult your physician before using this product. If you are pregnant or nursing, taking medication or have a medical condition, keep out reach of children under age 18 years. DO NOT use if seal is broken.

CELLULAR PRESERVATION TECHNOLOGY
C.P.T. retains nutritional values and sustains the complex synergy of the plant just as it grows in nature. Gives Highest Nutrition, Bioactivity and Bioavailability.
A proprietary way of producing concentrates from herbs and plants through natural disintegration without crushing, grinding, pressure, heat or other destructive means that would otherwise destroy live enzymatic matter, nutrients and bioactivity. Only water removed.

Made in Thailand, FDA No.
Black Ginger 51-1-01753-6-0013
Turmeric 51-1-01753-6-0014
Cordyceps 51-1-01753-1-0016
Amalaki 51-1-01753-1-0002
Blue Butterfly 51-1-01753-6-0001

60 Capsule Bottle

Male Wellness

Overall Wellness - Cognitive Function(Nootropic) – Antioxidants – Polyphenols - Increase Blood Flow, Oxygen and Nutrients to the Brain and Extremities - Protect from Neurodegenerative Diseases such as Alzheimer’s and Parkinson’s - Anti-Inflammation - Cancer Protection - Cardiac Health - Anti- Depressant - Anti-Aging - Enhanced Sexual Desire, Motivation and Performance - Support Male Endocrine Health - Fight Cancer – Increase Energy Levels - Relieves Fatigue - Speeds Recovery - Kidney Health – Reduce Blood Sugar Levels - Increase Libido



CPT Superherbs Male Wellness Formulation uses the synergy of nature’s super herbs acting along multiple metabolic pathways to enhance one another. Each of these herbs deliver amazing benefits on their own, but in combination you should experience dramatic effects after a short period of time. There may, at the same time, be actions that support your well-being and longevity at deeper levels which may be less immediately obvious.

“A wise man ought to realize that health is his most valuable possession.”

– Hippocrates –

When it comes to healthcare, men often find themselves short-changed: They die more often of cardiovascular disease and cancer. Men are also less likely to approach a physician with their concerns than women. It is therefore not at all surprising that men live on average about 6 years less than women.

The novel concept of men's wellness intends to reach beyond the classic definition of men's health and views the male patient as a whole. Breaking from the tradition where an urologist treated a man solely for urological conditions, we have realized that problems such as erectile dysfunction or low testosterone are related to matters that affect the entire body. Patients with heart attacks, for instance, report that they started noticing erectile dysfunction about three years before they started having chest pain. Patients with low testosterone find themselves at high risk for developing diabetes, heart disease and brittle bones.

Looking beyond a list of symptoms and ailments, our physicians individualize your health care treatment, taking into account a man's physical and emotional wellbeing before prescribing any treatment.

We focus on natural solutions for complex health challenges. Our products are formulated to address the root cause rather than just a symptom of a problem.

Black Ginger *Kaempferia parviflora*



Black ginger has been used as a vitalizing and stimulating herb for centuries. It displays adaptogenic activities and reduces triglycerides, preventing diabetes.

Black ginger is a popular ingredient in male sexual performance formulations due to significant levels of PDE5 inhibitors which increase blood-flow to the testis and stimulate dopaminergic function in the hypothalamus.

Dopamine is an organic chemical that acts as a neurotransmitter and neuromodulator in the human brain. Among its activities, dopamine influences motivation, arousal and sexual gratification.

Additionally black ginger has been shown to increase sperm density. Its aphrodisiac activities include enhanced sexual desire, motivation and performance as well as supporting the structure and function of Sertoli cells.

The Sertoli cell barrier (SCB) sometimes referred to as the "blood testes barrier" protects and controls the environment which produces, nourishes, maintains and stores sperm cells.

A clinical study of 45 healthy elderly males tested the effects of *Kaempferia parviflora* on erectile function. Response latency time to visual erotic stimuli as well as size and length of penis at erectile state showed significant changes. The study concluded "Our study clearly demonstrates that KP is a potential resource for the development of nutraceutical compound against aged related male erectile dysfunction." *

*"Efficacy Assessment of *Kaempferia parviflora* for the Management of erectile dys-

In addition black ginger has strong antioxidant and anti-inflammatory effects due to the presence of strong antioxidants in the dark purple (almost black) flavonoid pigments that give black ginger its name.

Black ginger consumption has shown that body weight, visceral fat accumulation, lipid metabolism abnormalities, hyperinsulinemia, glucose intolerance, insulin resistance, hypertension and peripheral neuropathy were suppressed. “Because KP had preventive effects on metabolic diseases, including anti-obesity effects ... we propose that KP will be extremely valuable as a medicine or component of food in alternative health care.”**

**” Anti-obesity effects of *Kaempferia parviflora* in spontaneously obese type II dietetic mice’ Tomoko Akase et. al. “*Journal of Natural Medicine*”, Jan.2011, vol. 65, issue 1, pp. 73-80

Cognitive Health: We mentioned that black ginger stimulates dopaminergic functions in the human brain. Parkinson’s disease is caused by a loss of dopamine secreting neurons. Dopamine relays messages to the area of the brain that regulates coordinated body movements and with less dopamine people are less able to control these movements. Alzheimer’s disease characterized by impaired memory and cognitive functions are linked to substantial disturbances in dopamine regulation in the brain. ADHD (Attention Deficit Hyperactivity) is also associated with decreased dopamine activity. Boosting dopamine naturally can help to treat depression and bipolar depression. The ability of black ginger to stimulate dopaminergic function may greatly contribute to cognitive health.

Chemical Constituents: (The chemical compounds found in Black Ginger)

5, 7-dimethoxyflavone

5-hydroxy-3, 7, 4'- trimethoxyflavone

5-hydroxy-3, 7-dimethoxyflavone and most major flavones compounds

Turmeric and Black Pepper: Turmeric contains hundreds of



chemical species including a variety of curcuminoids working together in synergy. If we isolate one or several curcuminoids we exclude others that contain essential oils that help make Turmeric easier for your body to absorb and metabolize. While Curcumin is the most notable and most important of the curcuminoids in turmeric its benefits are more effective if it is not isolated as a single extract.

Brain Function and Health: Curcumin crosses the blood-brain barrier to exercise a direct influence in reducing oxidative damage and inflammation in the brain. Our Freeze Dried Cellular Preservation Technology process also captures bioactive compounds such as aromatic-turmerone which encourages the growth of nerve cells creating the potential to help repair the brain and thereby prevent neurodegenerative problems associated with dementia such as Alzheimer's. Allegorical support for the benefits of turmeric includes the low incidence of Alzheimer's in areas such as India where turmeric (contained in their curry) is a staple in their daily diet

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Neurons form new connections and also grow and multiply in the brain. A growth hormone, essential to this process is BDNF (Brain-Derived Neurotropic Factor). This hormone decreases as you grow older. Decreased levels of BDNF are linked to brain disorders such as Alzheimer's disease, depression (see below) and age-related decreases in cognitive functions. Curcumin has been shown to increase levels of BDNF.

Anti-Inflammation: Inflammation is part of the body's natural defense system, repairing damage and fighting foreign invaders, but when short-term inflammation becomes chronic, appropriate therapeutic interventions are needed.

Turmeric displays powerful anti-inflammatory effects. Given the fact that inflammation is linked to a wide spectrum of health issues including heart disease, metabolic syndrome, arthritis, and degenerative nervous system disorders such as Alzheimer's disease and contributes significantly to the aging process, turmeric makes a great daily supplement to your diet.

The protein tangles know as Amyloid plaque are a feature of Alzheimer's disease that Curcumin can help to clear. In doing so, Turmeric may prove to help slow down and even reverse of progression of Alzheimer's.

Curcumin supplementation has shown the ability to effectively improve the symptoms of rheumatoid arthritis (joint inflammation) due to its anti-inflammatory prowess.

Turmeric is a highly effective anti-inflammatory as powerful as anti-inflammatory drugs that have a long list of negative side effects. Curcumin acts on the molecular level to block NF-kB, a molecule that travels into the nucleus of cells and turns on the gene expression for inflammation. This effectively interrupts the inflammation cycle.

Antioxidant Capacity: A wide range of diseases and effects of aging are associated with free radical imbalance. Excessive free radicals that attack our healthy cells are kept in check by antioxidants. Curcumin has a double antioxidant effect. It contains strong antioxidant compounds that neutralize free radicals and, at the same time, boosts the body's natural ability to synthesize the enzymes that act as our endogenous antioxidants. It acts along both of these metabolic pathways at the same time.

Cancer Protection: Studies show that Curcumin reduces the growth of blood vessels in tumors, reduces metastasis (spread of cancer) and contributes to apoptosis (the death of cancer cells). Proof that Curcumin can treat cancer in humans has yet to be proven, however there is evidence that it may prevent some cancers from occurring in the first place, specifically cancers of the digestive system (such as colon cancer). In a study of 44 people with lesions of the colon that tend to turn cancerous, 4 grams of Curcumin per day for 30 days reduced the number of lesions by 40%.

Cardiac Health: Heart disease, the greatest killer of mankind, is a complicated matter with various contributing factors. One of the major causes of heart disease is endothelial dysfunction which is the inability of the endothelium to regulate blood pressure, blood clotting and other factors. Studies attribute Curcumin with improvements in endothelial function as effective as the drug Atorvastatin. This is in addition to the reduction of inflammation and oxidation which greatly affect cardiac health.

In a study involving 121 patients undergoing coronary artery bypass surgery, the patients were randomized to either placebo or 4 grams of Curcumin per day, only a few days before and after the surgery. The Curcumin group demonstrated a 65% decreased risk of heart attack in the hospital.

Anti-Depressant: Curcumin shows promise as an anti-depressant. Depression is linked to reduced levels of brain-derived neurotrophic factor (BDNF - a brain growth hormone) and a shrinking hippocampus (the area of the brain associated with learning and memory). Curcumin has been shown to boost levels of BDNF and there is evidence that Curcumin boosts neurotransmitters in the brain such as serotonin and dopamine. In a study of 60 patients suffering from depression, Curcumin was shown to be as effective as Prozac in alleviating symptoms of depression.

Anti-Aging: Given curcumin's anti-inflammatory and antioxidant capabilities, support of heart function, and defense and prevention against cancer and neurodegenerative disorders, Turmeric has become known as an anti-aging supplement.

Cancers and tumors are treated with turmeric which may help to inhibit cancer cells from secreting factors that are necessary for the progression of the cancer to other organs. India, with the world's highest consumption of turmeric has the world's lowest incidence of cancer.

To dramatically increase the absorption of Curcumin into the bloodstream it is helpful to consume black pepper (which contains piperine) which enhances the absorption of Curcumin by up to 20 times. For this reason our premium freeze dried Curcumin powder contains appropriate levels of black pepper.

Cordyceps: is perhaps most well known as a rejuvenator. It increases your energy level, relieves fatigue, and speeds recovery. This makes Cordyceps an attractive supplement for athletes seeking to maximize performance and for the elderly but it equally applies to people of all ages and walks of life as we face today's fast paced modern stressful lifestyle.

Originating in the Himalayan Plateau, cordyceps is a rare medicinal mushroom that provides energy, not by using up your stored energy (typical of stimulants) which create an energy boost often followed by a "crash", but by increasing ATP, the foundation for your energy production at the cellular level. This natural energy is the reason that it is included in many products that boost libido.

Oxygen intake and utilization are also a specialty of cordyceps which provides kidney support, cardiac support and a great many other significant health benefits.

The double effect of increased ATP and better oxygen utilization from the use of Cordyceps provides more fuel to burn and more oxygen to burn it with.

Cordyceps contains polysaccharides such as Beta glucan which activate and stimulate the immune system. The bi-directional regulation of immune function is known as immunomodulation. When Cordyceps is taken by a patient in an immune-deficient state (cancer, HIV) white blood cells increase in quantity and activity. When the same Cordyceps is given to someone in a hyper-immune condition (Lupus, Rheumatoid arthritis) the quantity and activity of white blood cells decrease while red blood cells increase.

Inherent in the structure of Cordyceps is an antitumor mechanism. Cordycepin lacks an oxygen atom in a particular position where an oxygen atom is required to create a bond that is needed to form the ladder structure that holds your DNA together. DNA replication cannot occur in the absence of this oxygen atom. So while Cordyceps does not kill active cancer cells it may prevent them from replicating and bring the cancer under control.

Kidney health seems to be a cornerstone of the body's wellness. When kidneys fail the effects are felt in many other organs and systems. In this sense, the positive effects of Cordyceps on the kidneys support overall health and homeostasis.

Fatigue, impotence, anemia, hypertension, joint and back pains are all symptoms of poor kidney health. Chronic kidney failure tends to affect the elderly as our natural healing capabilities decrease with age.

Cordyceps is a traditional herb used as a kidney tonic and is now being widely used to reduce anemia, lower blood pressure and improve kidney function with no adverse effects. Thai physicians focusing on the pharmacological properties of cordyceps suggest its use to treat critical stage kidney disease.

A frequently described side effect is the increase in sexual potential for both men and women. Cordyceps was used for thousands of years by Asian physicians to improve physical (including sexual) stamina and performance as recorded in *“The Classic Herbal of the Divine Plowman”* (written around 200 AD). A Chinese study released more than ten years before the introduction of Viagra reported a 64.8% improvement in erectile dysfunction from daily consumption of Cordyceps.

Cordyceps helps to dilate the blood vessels which increase blood flow – a significant factor in erectile function. Studies have shown that Cordyceps significantly increases production of testosterone which increases sexual desire, sperm production and energetic performance.

Amalaki: Scientific Name: Phyllanthus Emblica



Amalaki is thought to reduce inflammation, alleviate pain, promote detox, sharpen memory, and protect against cancer.

In Ayurveda, Amalaki is said to aid in the treatment of the following health conditions:

Atherosclerosis – Diabetes – Diarrhoea - High blood pressure - High cholesterol - Joint pain. Obesity.

If we eat Amalaki daily? It acts as a natural conditioner for healthy, shiny hair. It also slows down the greying process.

Regular intake of **amalaki** not only leads to a healthy and glowing skin but also improves eye sight, boosts the immune system, and regulates blood sugar and lipids

Amalaki is one of the important components in Chyawanpraash that has immunity boosting, digestive and **liver**-protective action. ... It is said to have the ability to clear toxins from the **liver** as well as strengthen its functioning.

Amalaki has been used in India as a traditional remedy to treat the blood, bones, liver and the heart. Ayurveda attributes amalaki with the ability to help rebuild and maintain new tissues and improve red blood cell count. Like other Adaptogens it has a wide range of properties. It is used to stimulate brain function, assist the body in elimination disorders (used for both constipation and diarrhea), connective tissue disorders, and to protect against heart and nervous system disorders, blood sugar regulation, and strengthen bone

and teeth, capillaries and the eyes. Initial research suggests that amakaki may help to inhibit atherosclerosis, carcinogenesis, and degeneration from Alzheimer's, dispels nausea and vomiting, throat congestion and respiratory problems.

VITAMIN C: Amalaki is the highest natural source of vitamin C, with 3000 mg per fruit. Amalaki juice contains approximately 20 times more vitamin C than orange juice. This extraordinarily high vitamin C content provides Amalaki with strong antioxidant properties among the other known health benefits of vitamin C. The vitamin C in Amalaki is protected from oxidation from heat by tannins which protect and preserve its vitamin C. Naturally occurring vitamin C is more bio-available and substantially more effective than synthetic vitamin C.

ANTI-AGING: Amalaki is most famous as an anti-aging and rejuvenative botanical. It is the most important of the "rasayana" herbs which improve the blood and thereby promote the health of all the tissues of the body. This, in combination with the cleansing and balancing effects of Amalaki described below make it a powerful anti-aging botanical.

BALANCE: In Ayurveda self-healing is achieved through conscious creation of balance (Homeostasis). Ayurveda describes the transference of energy into matter and matter into energy. Aberrations in this energy transference create malfunctions in the cells. The remedy is not in the chemistry per se, but in the creation of balance. In fact, when the body is balanced (as in meditation) our metabolism slows down (as measured by oxygen consumption), cardiac output (work load on your heart) drops, while blood circulation increases at the same time. Lactic acid levels (a measurement of stress) decrease. In balance, the entire function of our physiology becomes optimized and super-efficient. The essence of healing is embodied in Adaptogens, of which Amalaki is one of the most potent on the planet.



Blue Butterfly Pea Vine - scientific name- *Clitoria ternatea*

Butterfly Tea has a beautiful deep cobalt blue color that lead many to believe that this gorgeous plant was actually a gift from nature; they have a shape similar to female genitalia from which it derives its scientific name. Aside from its many culinary uses, the blue butterfly pea vine has been used in Ayurvedic as well as traditional Asian and

Middle Eastern medicine and its health benefits are increasingly supported by modern science.

Health Benefits:

- **Nootropic.** Enhances cognitive functions including heightening intelligence and enhancing memory via acetylcholine localized to the hippocampus

- **Anxiolytic.** Reduces stress and anxiety – calming effect
- **Relaxes.** Smooth vascular muscle aiding blood flow
- **Analgesic.** Helps to relieve pain to the extent it is used as a local anesthetic
- **Diuretic.** Promotes excretion of water (urination) which decreases blood volume thereby lowering high blood pressure, also used for fast but typically temporary weight loss
- **Anti-inflammatory.** The deep blue flowers contain flavonoid pigments similar to blue berries, acai berry, mangosteen rind etc. that protect the plant. When you ingest the flower the effect is remarkably similar to the anti-inflammatory effect of the plant in nature.
- **Anti-Asthmatic.** assessed by passive cutaneous anaphylaxis
- **Anti-microbial.**
- **Anti-anxiety.** and depression with indication that high doses may be adaptogenic
- **Anti-convulsion.**
- **Anti-diabetic.** activity by inhibiting glucose intake from the diet
- **Anti-cancer.** and anti-tumor abilities resulting from cyclotides that cause cell death by disrupting cell membrane integrity
- **Anti-pyretic.** reduces fever by dilating the blood vessels just beneath the skin which increases blood flow near the surface of the skin where it can be more easily cooled by the air
- **Eyes.** The presence of the anti-oxidant, proanthocyanidin, helps to improve eyesight by increasing blood flow in the capillaries of the eyes which also allows the eyes to adjust to changes in light and improves vision. The blue butterfly pea vine flowers have been shown to effectively prevent cataracts and glaucoma, correct blurred vision, and reverse retinal damage as well as soothing inflamed and tearing eyes.
- **Hair.** The blue butterfly vine flower, rich in bioflavonoids, has been used traditionally to promote hair growth, thicken the hair and reduce greying of the hair.
- **Skin.** Anti-oxidants in blue butterfly pea flower stimulate collagen and elastin synthesis helping to rejuvenate the skin, reduce wrinkles and other effects of aging skin.
- **Aphrodisiac.** Traditionally used as an aphrodisiac particularly for women and used to treat problems associated with menstruation as well as leucorrhoea (white vaginal discharge).

Healthy Convenience: Our blue butterfly Powder is unique. Normally, if you can find this tea at all, it will be in the form of dried flowers. You will steep the tea and then throw away the flowers, drinking only the mildly infused water. You've just kept the bath water and thrown away the baby!

This provides a concentrated dose requiring only a very small quantity of powder and provides the benefits of this amazing plant in concentrated form. In this concentration the cost per serving is very reasonable. In this stable dry powder with shelf life of two years, you have availability of the highest quality all year round regardless of the flowering season.


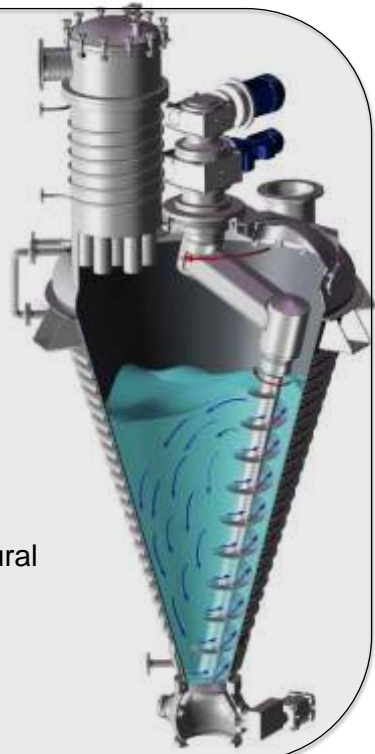


The Technology – Cellular Preservation Technology (CPT)

Cellular Preservation Technology or CPT is a proprietary technology which utilizes a modified form of freeze drying.

Freeze Drying has been used for centuries however the common industry standard freeze dry method typically uses traditional 'static' freeze drying with a further process of mechanical grinding.

Image 1 – Traditional Vs Cellular Preservation Technology (CPT)

Traditional freeze drying	Cellular Fracture Line technology
	
<ul style="list-style-type: none">- multi-step process; bacteria and mould growth risk.- static materials sitting on trays; 10-20% residual moisture- product ground into a powder; product cell structure destroyed	<ul style="list-style-type: none">- 1-step process- super frozen particles fly around in the product chamber- no mechanical grinding.- brittle material motion and sublimation of ice structure that hold it together causes product to break along natural elemental fracture lines.- <0.1% residual moisture

CPT is a key component in the creation of our functional foods. It allows us to preserve a whole food in its fresh form, thus maintaining all of the medicinal activity of a live plant while providing the safety of a stable commodity.

This proprietary and transitional preservation process gives us the unique ability to provide a superior product compared to anything else available on the market today. The 'secret' to our technology is the Herbs are dried while they remain frozen in a vacuum state, rather than sitting motionless on trays (as in the traditional tray freeze drier), the

product is flying round in a vortex. The deeply flash-frozen CPT granules decrease in size due to sublimation of the connecting ice structure and break into increasingly smaller particles along natural elemental fracture lines.

This creates a smaller particle size and porous structure without cellular hemorrhaging, caused by mechanical grinding of the traditional process as used in the industry today. CPT particles are much more easily absorbed and metabolized (more bio-available), and are more soluble for use as a catalyst ingredient in other formulations.

Solubility

As a food ingredient our herbs are highly soluble. Solubility ties into taste as well as ease to combine with other ingredients. This high level of solubility (enhanced by the CPT freeze dry process creates a more soluble particle structure),

Fresh Super herbs and Super foods

As soon as our botanicals are harvested they naturally begin to degrade. It is critically important to get them into the CPT process immediately after harvest. The logistics are challenging in any case, but the fact that they are grown at our doorstep in the mountains surrounding Chiang Mai, Thailand makes it all possible.

Higher Bioactivity Superior Efficacy

The objective achieved by CPT is preservation not only of the targeted ingredients but preservation of the entire cellular and molecular structure of the live plant. This is achieved by:

- An Evolutionary and Transitional Freeze Dry Process where the product is never exposed to the destructive oxidative forces of heat.
- Plant tissue fractures between/along the layers of the cell walls preserving cellular integrity and improving the retention of the bioactive intracellular contents.
- Water removed as a liquid at an extremely low constant temperature (minus 55 deg C) evaporates at a constant rate while the quantity of water steadily decreases. This creates surface tension. Any solid structure in contact with the water will normally experience surface tension strong enough to damage fragile cell walls; CPT removes water in its gaseous state (water vapor) and avoids this destructive surface tension.
- Exposure of the entire surface area to sublimation results in “even” drying which preserves cellular integrity.

The net result is preservation of the complex synergistic structure as close as possible to how it exists in nature. This translates to a more highly bioactive more effective powder.

Higher Absorption and Higher Bio-Availability

Particles break down inside the product chamber with minimal need for mechanical grinding. They break down due to the movement of the super frozen particles and sublimation of the ice structure that holds the particles together. This causes them to fall into small porous particles along the natural Cellular Lines creating soft, porous particles which have more surface area per unit of weight and therefore are absorb more easily.

The function and value of our food supplements lie not in lab tests alone, but in their energetic breakdown and uptake inside your body and the preservation of enzymes, proteins and vitamins.

The ability of your body to store or use these nutrients is called bio-availability – yet another huge advantage of our Cellular Preservation Technology activated botanicals.

The quality and effectiveness of our Products are the result of the remarkable protocols and processes we employ from the fields to the finished product. For details on this evolutionary process, please contact us at www.cptsuperherbs.com