

Konark Herbal Newsletter

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CHAIRMAN MESSAGE

I welcome everyone to the first edition of our Newsletter of this New Year. Enjoy this New Year with our Guduchi Dry Extract and Pumpkin Liquid Extract. Guduchi or Amrita is an important drug of Ayurvedic System of Medicine and found mention in various classical texts for the treatment of diseases such as jaundice, fever, diabetes and skin disease etc. Currently this extract has been subjected for numerous chemical, pharmacological, pre-clinical and clinical investigations and many new therapeutic applications have been indicated. References to pumpkins date back many centuries. The name pumpkin originated from the Greek word for "large melon" which is "pepon. They are used for Halloween and are a must for some households for Thanksgiving.

Pumpkin seeds rich in healthy fats, antioxidants and fibers, may provide benefits for heart and liver health, particularly when mixed with flax seeds. Our new addition of the cosmetic complex, BalBal Oil Soluble Complex, is full of all herbal beneficial components which will nourish, treat the damaged hair and helps to maintain healthy hair. Also I present Konark Red Wine Flavor and Musk fragrance.

I wish all of you a Happy and Prosperous 2014.



- Rakesh S. Gupta
CMD

Musk is a class of aromatic substances commonly used as base notes in perfumery. Musk is the most commonly used raw material present in almost all fragrant compositions. The compound primarily responsible for the characteristic odor of musk is muscone. Musky fragrances are earthy and deep, masculine in nature but often softened with spices and floral. It is used in cosmetic products like lotion, creams, soap, talcum powder and spray. Musk has been an essential element in many beauty products and personal care products.

Packaging details

Konark Musk fragrance is available in packing of 1 Kg, 5 Kg, 10 Kg and 25 Kg.

Free samples are available up to 25 gm.

Contact address: arg@konarkgroup.com



GUDUCHI DRY EXTRACT

The scientific name of Guduchi or Amrita is *Tinospora cordifolia*, is an herbaceous vine comes under the family Menispermaceae. It is indigenous to the tropical areas of India, Myanmar and Sri Lanka. The plant is a glabrous climbing shrub found throughout India, growing in deciduous and dry forests. The leaves are heart shaped. The succulent bark is creamy white to grey in color, with deep clefts spotted with lenticels. The aerial roots are often present. Flowers are yellow, growing in lax racemes from nodes on old wood.

A variety of constituents have been isolated from *T. cordifolia* belongs to different classes such as alkaloids, diterpenoid lactones, glycosides, steroids, sesquiterpenoid, phenolics, aliphatic compounds and polysaccharides. Leaves of guduchi are rich in protein (11.2%) and are fairly rich in calcium and phosphorus. The active adaptogenic constituents found in *T. cordifolia* are diterpene compounds including tinosporone, tinosporic acid, cordifolisides A to E, syringin, the yellow alkaloid, berberine, Giloin, crude Giloininand, as well as polysaccharides, including arabinogalactan polysaccharide (TSP). Picrotene and bergenin were also found in the plant.

Ethanolic extract of the stem exhibits protective effect in carbon tetrachloride induced

hepatotoxicity. Aqueous extract of stem and root of the plant has been used therapeutically because of immunomodulation property as well as antimalarial and antileprotic activities. Guduchi is widely used in veterinary folk medicine and ayurvedic system of medicine for its general tonic, antiperiodic, anti-spasmodic, anti-inflammatory, antiarthritic, anti-allergic and anti-diabetic properties. The active principles of *T. cordifolia*, is found to possess anticomplementary and immunomodulatory activities.

Tinospora cordifolia is generally prescribed in general debility, diabetes, fever, jaundice, skin diseases, rheumatism, urinary diseases, dyspepsia, gout, gonorrhoea and leucorrhoea. The plant is used in Ayurvedic, "Rasayanas" to improve the immune system and the body resistance against infections. A decoction of the stems, leaves and roots is used to treat fever, cholera, diabetes, and snake-bites. An infusion of the stem is used as a vermifuge and also to treat sore eyes and syphilitic sores. The stem is registered in the Thailand Pharmacopoeia, and commonly use in hospital to treat diabetes. Traditionally an infusion is used to treat fever due to malaria and also in cases of jaundice and for use against intestinal worms. The leaves are given for the cure of gonorrhoea. It is also used externally as a cooling and

soothing application in prurigo, eczema and impetigo.

During last two decades, the drug has been subjected to extensive phytochemical, pharmacological and clinical investigations and many interesting findings in the areas of immunomodulation, anticancer activity, liver disorders and hypoglycaemic are reported. Konark provides Guduchi dry extract in different strength which can be used in various Ayurvedic and herbal formulations and nutraceutical products.

Packing details

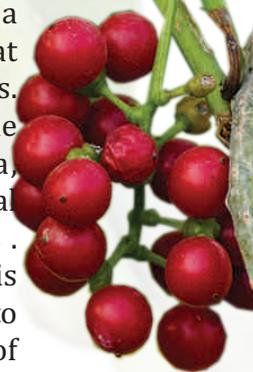
Packing sizes:

1 Kg, 5 Kg, 10 Kg and 25 Kg

Free samples of 50 gm are available upon request

Contact details:

arg@konarkgroup.com



PUMPKIN LIQUID EXTRACT

Pumpkin seed extract is a hydrolyzed protein fraction obtained from the Cucurbita pepo (pumpkin) seed cake. Pumpkins, like other squash, are native to North America. Pumpkins are widely grown for commercial use, and are used both in food and recreation. Of the seven continents, only Antarctica is unable to produce pumpkins. The biggest international producers of pumpkins include the United States, Canada, Mexico, India, and China.

The carotenoids and the omega-3 fats found in pumpkin seeds are also being studied for their potential prostate benefits. Men with higher amounts of carotenoids in their diet have less risk for Benign Prostatic Hyperplasia (BPH). Zinc is one further nutrient found in pumpkin seeds that might impact prostate function. The fact that pumpkin seeds serve as a good source of zinc may contribute to the role of pumpkin seeds in support of reducing the risk of prostate cancer. Pumpkin seeds have long been valued as a source of the mineral zinc, and the World Health Organization (WHO) recommends their consumption as a good way of obtaining this nutrient.

Pumpkin seeds rich in healthy fats, antioxidants and fibers, may provide benefits for heart and liver health, particularly when mixed with flax seeds. Pumpkin seeds are a rich source of tryptophan, an amino acid (protein

building block) that your body converts into serotonin, which in turn is converted into melatonin, the sleep hormone.

It inhibits testosterone action on the prostate, thus treating benign prostatic hyperplasia. It helps both men and women to balance hormones, also used to treat impotence, frigidity and also used as an aphrodisiac. It Improves metabolism, digestion and give a sense of well-being. An extract derived from pumpkin may improve blood glucose levels in diabetics and exert antioxidant effects, according to a new study. Not only is beta-carotene responsible for pumpkin's deep-orange color, it also provides potent protection against free-radical damage caused by the sun's harmful rays. Applied topically, pumpkin extract can even enhance the effect of sunscreen and shield skin from other environmental factors, including air pollution, stress and secondhand smoke (SHS). They are notable for being a great source of zinc and omega-3 fatty acids, which not only help promote healthy bone density and also sharpen the brain skills.

Pumpkin seed extract is excellent for use in formulations where an increase in smoothness, firmness, elasticity and skin tone is

desirable. It is especially recommended for anti-aging formulations. Pumpkin seed extract has demonstrated that it will smooth the appearance of fine lines and wrinkles and improve skin vitality and tone. It may prove useful in preventing and attenuating the appearance of stretch marks, making it a useful addition to body care products. Pumpkin is rich source of potassium and this nutrient is especially useful in promoting the re-growth of hair. Pumpkin is especially good for moisturizing dry or damaged hair.

Konark provides Pumpkin extract in different forms which can be used in various herbal and nutraceutical formulations, cosmetic and personal care products.

Packing details:

Pumpkin extract is available in packing of 1 kg, 5 kg, 10 kg and 25 kg.

Free samples are available up to 50 gm.

Contact address:

arg@konarkgroup.com



RED WINE FLAVOUR

The note develops herbal, rasberry, spicy, fruity light bodied wine with crisp finish. The aroma and taste makes you feel satisfaction and abundance of fruity sensation. Konark provides Red Wine flavor in both liquid form The Red Wine flavor serve with light spicy Indian dishes. It can be used in cakes, chocolates, drinks and beverages.

Packaging details:

Konark Red Wine Flavor is available in packing of 1 Kg, 5 Kg, 10 Kg and 25 Kg.

Free samples are available up to 25 gm

Contact address: arg@konarkgroup.com



BALBAL OIL SOLUBLE COMPLEX

Hair is a filamentous biomaterial that grows from follicles found in the dermis. Most common interest in hair is focused on hair growth and hair care. Hair is an important biomaterial primarily composed of protein, notably keratin. In today's era there are many things such as diet, lifestyle and pollution that influence the health of the hair. Poor diet, illness and deficiencies of any particular vitamin and mineral affects the quality of hair and problems like dandruff, thinning, hair, balding, premature graying etc. spoil the hair. Hence it is necessary to take care of hairs to keep them healthy and to treat damaged hairs.



We have introduced our Balbal Oil Soluble Complex to accomplish this task which is blend of various Oils like neem, amla, chamomile, brahmi, hibiscus, bhringraj, jatamansi, shikakai, almond, henna, licorice, tulsi, aloe vera, methi, lemon, baheda, manjistha, kaporkachli, maca, rosemary, vacha, nagarmotha, lavender, haritaki and karanj. It is full of all herbal beneficial components which will nourish, treat the damaged hairs and helps to maintain healthy hairs.

Packing details:

Available in 1 Kg, 5 Kg, 10 Kg and 25 Kg packs. Free sample of 10 ml is available up on request.

Contact details: arg@konarkgroup.com



Konark WaterDoc™
Pure Water Specialists

Industrial water/waste
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