

# Nettle CAPSULE

# NUTRITIVE TONIC Relieves seasonal allergies symptoms

NPN 80016615 85 CAPSULES 290 mg/CAPSULE

Ingredient				
Nettle	leaf	Urtica dioica	290 mg	Organic
Vegetable cellulose capsules				

#### **DOSAGE**

INTERVENTION: 3-4 capsules, 3 times a day, for a maximum of 1

TREATMENT: 2 capsules, 3 times a day.

#### **DIRECTIONS FOR USE**

Take capsules on an empty stomach with a little warm water or infusion. Take with meals if difficult to digest. Start with a small dose to insure herbs are well tolerated.

#### **MODE OF ACTION**

Nettle in capsules has an affinity for the mucus membranes. As an astringent, it tones the mucus membranes, promotes their health and proper functioning and reduces inflammation. Its anti-allergic and anti-histamine effects make it useful to treat allergies. In prevention, take for a few weeks before allergy season to promote the body's healthy response and reduce symptoms. In treatment, use repeated doses to alleviate symptoms and reduce allergic response.

Tonic and nourishing, nettle is fortifying and energizing. It supports vital energy, metabolism and tissue nutrition. Its high concentration of minerals, trace elements and chlorophyll nourish the blood. It is especially useful for fatigue, exhaustion and degeneration.

Nettle is an alterative and a diuretic and contributes to the elimination of toxins by the kidneys, including uric acid, and is used in the treatment of urinary tract infections. It is alkalizing and mineralizing, and regulates blood pH. Nettle is beneficial for chronic skin problems (like eczema) and joint problems (osteoarthritis, rheumatoid arthritis). In Germany, it is recognized as a complementary therapy for rheumatism.

When there are metabolic troubles, nettle stabilizes blood sugar, blood lipids and blood pressure. It is a powerful antioxidant. The nutrients in nettle contribute to the health of skin, fingernails and hair.

The main constituents of nettle are amines (serotonin, histamine, choline), flavonoids (isoquercetin, rutin, kaempferol, quercetin), minerals (Mg, Ca, Fe, Si, P, K), vitamins (A, B, K), acids (silicic, formic, caffeic acid derivatives), mucilage, coumarin, tannins, chlorophyll, acetylcholine, sitosterol and glycoproteins.

#### **HELPFUL ASSOCIATIONS**

**REISHI** for allergies, allergic rhinitis, weakness of the immune system caused by stress.

**ASTRAGALUS** capsules or decoction for fatigue, weakness, recurring infections.

ASHWAGANDHA for exhaustion, intense stress.

**PULMONATEA** for respiratory troubles caused by allergies.

**GREEN OATSTRAW** infusion for troubles of the nervous system.

MARSHMALLOW decoction to maintain health of mucus membranes.

#### **ETHNOBOTANY**

Immune and respiratory systems: seasonal allergies, rheumatoid arthritis, bronchitis, allergic rhinitis, fatigue associated to pnemonia.

Musculo-skeletal system: rheumatism, arthritis, muscle pain.

**Genito-urinary system**: urinary tract infection, heavy menstrual bleeding.

Other uses: fatigue, convalescence, degeneration, blood cleansing, anemia, eczema, gout, metabolic syndrome.

## **HISTORY**

Originally from Eurasia, nettle spread to most of the world, including North America. It has been used for decades as a fibre, a food and a medicinal herb. Hippocrates (460-370 A.C.) wrote that it was used as a vegetable and a traditional remedy. The physicians of Ancient Greece (Dioscorides, Galen and others) used it as a diuretic and a laxative and for troubles of the spleen. In the 16<sup>th</sup> Century, Culpeper recommended boiled nettle or nettle juice for respiratory troubles, to increase the production of urine and to stop bleeding. The First Nations of North America used nettle to treat rheumatism. In traditional African medicine, it was used for excessive menstrual bleeding and internal hemorrhage. It was also inhaled as a powder to stop nose bleeds. It is now recognized in certain countries as a complementary therapy for arthritis.

# **CONTRA-INDICATIONS**

Nettle is generally considered safe or well tolerated when used as recommended by traditional herbalists, for the majority of people, including pregnant women and breastfeeding mothers. Health Canada recommends that you consult a health-care practitioner if pregnant, breastfeeding, if symptoms persist or worsen.

#### **INTERACTIONS**

It is recommended to avoid taking with prescription drugs.

**TRADITION NETTLE CAPSULES** 

### REFERENCES

AHPA. Botanical Safety Handbook, 2nd Edition. Boca Raton: CRC Press;

AlShuwayeb M.H., Al-Khatib A.J. Molecular and Chemical Therapeutic Features of Urtica Species. European Scientific Journal August 2013 edition vol.9, No.24; 2013.

American Botanical Council. Herbal Medicine: Expanded Commission E Monographs. Integrative Medicine Communications; 2000.

Amiri Behzadi A., Kalalian-Moghaddam H., Ahmadi A.H. Effects of Urtica dioica supplementation on blood lipids, hepatic enzymes and nitric oxide levels in type 2 diabetic patients: a double blind, randomized clinical trial. Avicenna J Phytomed. 2016;6(6):686-695; 2016.

Barnes J., Anderson L.A., Phillipson J.D. Herbal Medicines, 3rd Edition. Grayslake: Pharmaceutical Press; 2007.

Bartram Thomas. Bartram's Encyclopedia of Herbal Medicine. London: Constable & Robinson; 1995.

Behzadi A. A., Kalalian-Moghaddam H., Ahmadi A.H. Effects of Urtica dioica supplementation on blood lipids, hepatic enzymes and nitric oxide levels in type 2 diabetic patients: a double blind, randomized clinical trial. Avicenna J Phytomed. 2016;6(6):686-695.

Blumenthal, Goldberg, Brinckmann. Herbal Medicine: Expanded Commission E Monographs. Newton: Integrative Medicine Communications; 2000.

Bone Kerry. A clinical Guide to Blending Liquid Herbs. St. Louis: Churchill Livingston; 2003.

Boon H., Smith M. The Complete Natural Medicine Guide to the 50 Most Common Medicinal Herbs. Toronto: Robert Rose; 2004.

Carvalho A.R., Costa G., Figueirinha A. et al. Urtica spp.: Phenolic composition, safety, antioxidant and anti-inflammatory activities. Food Res Int. September 2017;99(Pt 1):485-494; 2017.

Chrubasik S., Enderlein W., Bauer R., Grabner W. Evidence for Antirheumatic Effectiveness of Herba Urticae dioicae in acute arthritis: A Pilot Study. Phytomedicine, Vol. 4 (2), 1997, pp. 105-108; 1997.

Chrubasik J.E., Roufogalis B.D., Wagner H., Chrubasik S.A. A comprehensive review on nettle effect and efficacy profiles, Part I: Herba urticae. Phytomed. 2007;14(1):423-435; 2008.

Duke James A. The Green Pharmacy. Pennsylvania: Rodale Press; 1997.

Engels G., Brinckmann J. Stinging Nettle Profile. American Botanical Council HerbalGram. 2016 110:8-17; 2016.

ESCOP. 'Urticae herba,' 'Urticae folium,' and 'Urticae radix. Monographs on the Medicinal Uses of Plant Drugs. Exeter: European Scientific Cooperative on Phytotherapy; 1997.

Felter H.W., Lloyd J. U. King's American Dispensatory. Portland: Eclectic Medical Publications; 1983.

Gagnon C., Lanctôt-Bédard V. Materia Medica: Flora Medicina; 2009.

Gray Beverley. The Boreal Herbal. Whitehorse: Aroma Borealis Press;

Güder A., Korkmaz H. Evaluation of in-vitro Antioxidant Properties of Hydroalcoholic Solution Extracts Urtica dioica L., Malva neglecta Wallr. and Their Mixture. Iranian Journal of Pharmaceutical Research (2012), 11 (3): 913-923: 2012.

Helms S., Miller A.L. Natural treatment of chronic rhinosinusitis. Altern Med Rev. 2006; 11(3):196-207; 2006.

Hoffmann David. Medical Herbalism. Rochester; Healing Arts Press; 2003.

Jan K.N., Zarafshan K., Singh S. Stinging nettle (Urtica dioica L.): a reservoir of nutrition and bioactive components with great functional potential. New York: Springer Science+Business Media; 2016.

Joshi B.C., Mukhija M., Kalia A.N. Pharmacognostical review of Urtica dioica L. International Journal of Green Pharmacy October-December 2014: 2014.

Mohammad Taghizadeh Kashani, et al. Cytotoxic Activity of Selected Iranian Traditional Medicinal Plants on Colon, Colorectal and Breast Cancer Cell Lines. Arch Breast Cancer 2014; Vol. 1, No. 3: 95-98; 2014.

Khare V., Kushwaha P., Verma S., Gupta A., Srivastava S., Rawat A.K.S. Pharmacognostic Evaluation and Antioxidant Activity of Urtica dioica L. Chinese Medicine, 2012, 3, 128-135 http://dx.doi.org/10.4236/ cm.2012.33021; 2012.

Mills S., Bone K. Principles and Practice of Phytotherapy. St.Louis: Elsevier; 2000.

Mills S., Bone K. The essential Guide to Herbal Safety. St.Louis: Elsevier;

Romm Aviva. Botanical medicine for women's health. St. Louis; Churchill Livingstone; 2010.

Tierra Michael. The Way of Herbs. New York: Pocket Books; 1990.

Tierra Michael. The Way of Chinese Herbs. New York: Pocket Books; 1998.

Tobyn G., Denham A., Whitelegg M. The Western Herbal Tradition. Churchill Livingston. 2011.

Weiss R.F., Fintelmann V. Herbal Medicine, 2nd Edition. New York: Thieme;

Wichtl Max. Herbal Drugs and Phytopharmaceuticals. Boca Raton: CRC Press; 1994.

Williamson E., Driver S., Baxter K. Stockley's Herbal Medicines Interactions. Grayslake: Pharmaceutical Press; 2009.

Yarnell Eric. Stinging Nettle: A Modern View of an Ancient Healing Plant Alternative & Complementary Therapies; 1999.

Yarnell Eric. Urtica spp (nettles). Journal of the American Herbalists Guild Fall/Winter2003:8-14; 2003.

Certified organic ingredients.

Made according to GMP.

Kosher, vegan and non-irradiated.

NO additives, colouring, added sugar, gluten, soy or GMOs.











