Our modern lives are more demanding than ever and most people can’t afford to have time out with sickness. With over 200 different viruses responsible for infecting us with a cold every year, people with a busy lifestyle want “insurance” against colds and flus and need a more effective way to stay fit and well, even when they are under stress. Good nutrition is key to strengthening the body’s natural defences and helps you to remain focused every day, that’s where Proglucamune™ comes in.

**FOUR POTENT IMMUNE-BOOSTING INGREDIENTS IN ONE BOTTLE**

- **Shiitake Mushroom**
- **Zinc**
- **Reishi Mushroom**
- **Baker’s Yeast** (Beta 1,3/1,6 glucan)
The immune system is a co-ordinated system of cells, proteins, and chemical signals that are designed to fend off bacteria, viruses, and parasites. It helps co-ordinate the wound healing process, cellular/tissue turnover, repair, and (re)building.

For optimal immune function, it is important to support all aspects of our immunity, including surface immunity, innate immunity and adaptive immunity.

Surface immunity is the first line of defence against pathogens. It is comprised of the barriers that actively keep pathogens out, such as our skin, respiratory tract and gastrointestinal system. But if a pathogen is able to cross a surface barrier, then the innate immune system defences are stimulated. Innate immunity includes a host of reactions, including the destruction of pathogens through a process called phagocytosis.

Adaptive immunity is called into action if the innate immune system is overwhelmed. Also known as acquired immunity, this response is highly specific to the pathogen that induces it.

To help your whole immune system function better, USANA created Proglucamune™, the new immune optimiser product to help immune cells adapt to your unique needs.

What’s the meaning of Proglucamune™?
This is a blend of “Pro” being—promote, “gluca” being part of the key ingredient—beta glucan, and “mune” alluding the immune support provided by the product.

Pro- Promote, Gluca- Beta Glucan, Mune- Immune support

SO WHAT MAKES PROGLUCAMUNE™ UNIQUE?

The unique formulation of USANA’s Proglucamune™ combines ancient wisdom with modern science, containing four potent immune-boosting ingredients in one formulation, which help immune cells to work faster and better...even under stress. It’s a powerful immune supplement, specifically created for year-round comprehensive support, which strengthens the overall effectiveness of the immune system and helps to maintain and improve general wellbeing.
Reishi (Ganoderma lucidum)
Reishi has traditionally been used in the management of immune and heart function. It helps to support the body’s natural immune defences against free radical damage. Its extracts boost the function of immune cells, our body’s first line of defence against infection. Based on its traditional use for longevity and boosting Qi, Reishi is often called the ‘Mushroom of Immortality’. It also helps promote cellular protection and is rich in fungal polysaccharides with immunomodulating properties, which contribute to Reishi’s medicinal activities.

Shiitake (Lentinula edodes)
Shiitake mushrooms also called ‘Black Forest Mushroom’ or ‘Golden Oak Mushroom’, are high in several essential nutrients, including vitamins, minerals, and lentinan – a polysaccharide and the key constituent of Shiitake. These nutrients help to keep the immune system strong. It was stated in Ri Yong Ben Cao, Vol. 3 (1620), written by Wu-Rui of the Ming Dynasty. “Shiitake accelerates vital energy, wards off hunger and defeats body fluid energy.”

Baker’s Yeast (Sacccharomyces cerevisiae)
Proglucamune™ provides beta 1,3/1,6 glucan (Wellmune®), a natural carbohydrate derived from a proprietary strain of Baker’s Yeast. It has long been recognised as a potent immunological activator with medicinal importance. This unique ingredient patented, year-round protection is the culmination of more than $300 million in research with leading university and government institutions. It has been clinically proven to prime the immune system. Clinical studies have shown reductions in symptomatic days of upper respiratory tract infections, improved immunity, and reduced “down time” during cold season. The yeast beta-glucans have also been shown to support vitality, mood state and general well-being that help protect against the harmful effects of stress. Once consumed orally, beta-glucan is taken up into the body via the Peyer’s in the intestines. Immune cells called macrophages that now contain beta-glucan travel to the immune organs throughout the body. These macrophages break down beta-glucan into smaller fragments that bind to neutrophils, the most abundant immune cells in the body. Primed by beta-glucan, neutrophils more quickly recognise and kill foreign challenges.

Zinc
Zinc is one of the 24 micronutrients needed for survival. It can be found in meat, egg, oysters and legume products. It is an essential trace element for maintaining the immune system, supporting proper functioning of immune cells and serving as an intracellular signal molecule for immune cells. It also acts as an antioxidant and helps defend against oxidative stress. Zinc deficiency may impair many metabolic functions, therefore adequate intake is very important.

Reference

To stay up to date with the latest USANA news “like” our Facebook pages www.facebook.com/USANAAustralia & www.facebook.com/USANANewZealand

4 natural, immune-boosting ingredients include:

- Reishi
- Shiitake
- Baker’s Yeast
- Zinc

The 4 natural, immune-boosting ingredients include:
COMPREHENSIVE IMMUNE SUPPORT WITH PROGLUCAMUNETM AND OTHER USANA PRODUCTS:

For optimal immune function, it is important to support as many aspects of our immune system as possible. With the addition of the new immune optimiser, Proglucamune™, USANA now offers a 3-phase approach with products that work together to support and improve immunity.

1. Support immune cells with optimal nutrition, such as vitamins C & D - found in USANA Mega Antioxidant, Proflavanol® C100, Poly C™, and Vitamin D.
2. Help support a healthy gut barrier by nurturing a balanced gut flora and ousting harmful bacteria with USANA Probiotic.
3. Help immune cells work faster and more efficiently by strengthening them with USANA’s unique optimiser Proglucamune™.

For more information or to order any of our USANA products contact our Customer Service Team on 1800-687-872 for Australia or 0800-872-426 for New Zealand or visit www.USANA.com

**ITEM#146 PROGLUCAMUNETM**

**Dietary Supplement 56 Tablets**

**AIDS IN MAINTAINING GENERAL WELL-BEING. ALSO HELPS MAINTAIN NORMAL HEALTHY IMMUNE SYSTEM AND FUNCTION.**

**DIRECTIONS:** Adults, take two (2) tablets daily, preferably with meals.

**EACH TABLET CONTAINS:**

- **SACCHAROMYCES CEREVISIAE EXTRACT (BAKER’S YEST) 125 mg**
- **EQIV BETA GLUCAN 93.8 mg**
- **GANODERMA LUCIDUM (REISHI MUSHROOM) DRY POWDER 125 mg**
- **LENTINULA EDODES (SHIITAKE MUSHROOM) DRY POWDER 25 mg**
- **ZINC GLUCONATE (EQIV 3 mg ZINC) 25 mg**

**LABORATORY TESTED, QUALITY GUARANTEED. MEETS BRITISH PHARMACOPOEIA SPECIFICATIONS FOR POTENCY, UNIFORMITY AND IDENTIFICATION. WHERE APPLICABLE, VITAMIN SUPPLEMENTS SHOULD NOT REPLACE A BALANCED DIET. KEEP OUT OF REACH OF CHILDREN. CONSULT YOUR PHYSICIAN IF YOU ARE PREGNANT, NURSING, TAKING A PRESCRIPTION DRUG, OR HAVE A MEDICAL CONDITION. IF YOU HAVE AN AUTOIMMUNE DISEASE, AN IMMUNE SYSTEM DISORDER, OR IF YOU ARE TAKING IMMUNOSUPPRESSANT MEDICATION, CONSULT YOUR PHYSICIAN BEFORE USING THIS PRODUCT.**

**BOTTLE SEALED UNDER CAP FOR YOUR PROTECTION. DO NOT USE IF THE SAFETY SEAL IS BROKEN OR MISSING.**

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**your health. your life. your way.**