A Mini Review on Wheatgrass
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Review Article

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ABSTRACT

Wheatgrass is the young grass of the common wheat plant called Triticum aestivum. This wheatgrass can be taken in several forms like juice, powder, capsules, pills, tablets. This wheatgrass is called as “super food”. This review includes a brief introduction of wheatgrass, its benefits and how it helps to keep away many chronic diseases.

INTRODUCTION

Wheatgrass juice is also called as Green Juice. Wheatgrass juice is nature's finest pharmaceutical. It is a capable concentrated fluid supplement. Two ounces of wheatgrass juice has nutritional equivalent called five pounds of the best crude natural vegetables. For instance, wheatgrass has double the measure of Vitamin A as carrots and is higher in Vitamin C than oranges. It contains the all B complex vitamins, and also calcium, phosphorus, magnesium, sodium and potassium in an adjusted proportion. Wheatgrass is a finished wellspring of protein, supplying the majority of the key amino acids, and more. It has around 20% of aggregate calories originating from protein. This protein is as poly peptides, simpler and shorter chains of amino acids that the body utilizes all the more productively as a part of the circulation system and tissues [1-5].

Wheatgrass supplies the body with helpful measurements of vitamins, minerals, cancer prevention agents, chemicals, and phytonutrients, wheatgrass is likewise a capable detoxifier, particularly of the liver and blood. It kills poisons and ecological contaminations in the body. This is on account of Wheatgrass contains useful compounds that shield us from cancer-causing agents, including Superoxide Dismutase (SOD), that decreases the impacts of radiation and overview poisons in the body. It scrubs the body from head to toe of any overwhelming metals, poisons and different poisons that might be put away in the body's tissues and organs. It is good to have two ounces of wheatgrass juice every day.

PREPARATION

Wheatgrass is having fundamental vitamins and supplements that keep mind and body solid and energetic [5-10]. Taking a "shot" of squeezed wheatgrass in morning breakfast every day is considered as a solid approach to begin the day, however it can get exceptionally costly. So, to make wheatgrass a standard piece of your eating routine, developing it yourself at is best way. The steps to grow wheatgrass are explained below.
Soaking and Germinating the Wheatgrass Seeds

Before the seeds to be soaked and germinated they should be measured and washed. Allot enough seeds to make a light layer on the seed plate you use to develop the grass. For a 16” × 16” plate, use around two measures of seeds. Wash the seeds in cool, clean water utilizing a colander with little openings or a strainer. Channel them well and place them in a dish. The Seeds free from pesticides should be selected and soak them overnight. Soaking the seeds initiates germination. By the end of the process, the seeds will have sprouted small roots.

Planting the Seeds

The paper towels should be arranged in seed tray to prevent the wheatgrass roots to grow through the holes in bottom of tray. Spread organic compost or putting soil as even two-inch layer inside the seed tray. The pre-moistened compost or potting soil should be free of pesticides or other chemicals. Mostly use organic soil to get the benefit from wheatgrass. Plant the seeds. The seeds should be spread in an even layer across the top of the compost. Slightly press the seeds into the soil, rather than completely burying them. Piling of seeds need to be prevented. Sprinkle the seed tray lightly with water but each seed should get sprinkled water. Should cover the seedling tray with moistened sheets of newspaper to protect the seedlings from drying. The seeds should be damp as they root themselves in the seed tray. Everyday morning the seeds must be sprinkled with water by lifting the newspaper. Waterlogging should be prevented. Remove the newspaper after four days. The sprouted grass should be watered once a day. Try to keep away the sprouted grass from direct sunlight.

Harvesting the Grass

Harvest the grass after they split and it can be harvested after 9 or 10 days of growth.

CONSUMPTION

To get the beneficial effects from wheatgrass one should consume the squeezed juice within 15 minutes. The juice can be taken undiluted dependably on empty stomach so the supplements can be assimilated all the more effectively. Powdered and solidify dried wheatgrass supplements are not as powerful as crisp wheatgrass juice. A research study revealed that wheatgrass supplements like dried powders will have only just two percent viability as new squeezed wheatgrass when it is consumed inside fifteen minutes. These supplements rapidly start to oxidize (separate) soon after squeezing.

Consumption of freshly squeezed wheatgrass juice resembles living food which has bio-electricity. This high vibration vitality is actually the life power inside the living juice. This asset of life-power vitality can conceivably unleash effective recharging vibrations and more prominent availability to one's inward being. These intense supplements can likewise prevent DNA destruction and shield the humans from the continuous impacts of pre-adult maturing and cell breakdown. Late research demonstrates that exclusive living foods and juices can reestablish the electrical charge between the vessels and the cell dividers which supports the resistant framework. Wheatgrass juice is the lord of living juices [11-20].

BENEFITS

Wheatgrass juice is especially high in chlorophyll along with some other constituents. Wheatgrass washes down and manufactures the blood because of its high substance of chlorophyll. Chlorophyll is the main result of light and in this manner contains more mending properties than some other component. From the sun, several life’s are originated. Only green plants by the process of photosynthesis will utilize the vitality of sun. Chlorophyll is known as the ‘life-blood’ of the plants. Drinking wheatgrass juice resemble drinking fluid daylight. Chlorophyll conveys elevated amounts of oxygen (in addition to other things) which is particularly intense in helping the body to reestablish irregularities. The chlorophyll which has more oxygen conveys more oxygen to the blood. Red Blood cells numbers will increase and blood oxygen levels raises rapidly with the drinking of wheatgrass squeezed juice and utilizing wheatgrass juice. This is a key indicator of recovery for various abnormalities, ailments and diseases. The Oxygen acts as a crucial element to numerous body parts, especially cerebrum utilizes 25% of the oxygen supply. This high oxygen in body results a sound body.
Wheatgrass found to break down scars formed in the lungs also serves to remove various drug deposits from the body, filters the blood and organs and counteracts acids and poisons in the body. It builds the compound level in our cells, supporting in the revival of the body and the digestion system of supplements. These proteins help with dissolving tumors. Numerous individuals help with fighting tumors naturally and neutralise poisons. Wheatgrass is promoted to treat various conditions including the common cold, coughs, bronchitis, fevers, infections, and inflammation of the mouth and throat.

Wheatgrass juice is having efficient healing properties. As it contains all minerals and vitamins like A, C, E, K and B complex too. It has many proteins and also contains 17 amino acids. The chlorophyll in the wheatgrass has enzymes, interestingly the super oxide dismutase in wheatgrass helps to slow down the ageing process. The chlorophyll also prevents the growth of bacteria. The wheatgrass is found to be having more than 100 elements needed for a healthy individual [21-27].

The wheatgrass ointments helps to decrease various skin problems like eczema, itchy skins, etc. Latest Researches found that insertion of wheatgrass chlorophyll packs into the sinuses clears the congestion. It also helps to cure chronic sinusitis. Chlorophyll also has beneficial effects on heart, vascular system, intestine, uterus and lungs. Wheatgrass juice has superior detoxifying agent. The small amount of wheatgrass in diet regularly prevents tooth decay and reduces tooth aches also. Wheatgrass juice helps to prevent diabetes, hypertension, graying of hair, pyorrhea of mouth, arthritis. It improves digestion and can be used as effective skin cleanser. Wheatgrass juice removes heavy metals and is useful to treat various blood disorders.

The most amazing part of wheatgrass consumption is it is not toxic in any amount. Minor side effects of wheatgrass are it may cause nausea, appetite loss, and constipation. These side effects will not cause any harm to body. The appropriate dose of wheatgrass relies on upon a few elements, for example, the user's age, health, and a few different conditions. As of now there is insufficient logical data to decide a suitable scope of measurements for wheatgrass. Make sure to follow relevant directions on labels of products and consult any drug specialist or doctor or other health care professional before utilizing [28-55].

CONCLUSION

Wheatgrass is one of green substances that are esteemed by wellbeing of people as an incredible source of nutritious supplements. Wheatgrass is known as complete nourishment. Wheatgrass is promoted to treat a number of conditions [56-92]. Prevention is better than cure so, it is better to include the wheatgrass in regular diet in any form like juice, powder, etc. to prevent various chronic diseases. Researches should focus on this exceptionally encouraging natural medication, endeavors are expected to direct broad studies on the wheat grass both in test models and human subjects to create wheat grass treatment with no side effects in prevention, cure and treatment of many harmful health conditions for which the current medical sciences did not discover any fine solution.

REFERENCES


