

# **BENEFITS OF NEGATIVE AIR IONS:-**

- As a first step, the high density of negative ions injected into the air will lead to their rapid capture by the particles, (which are large positive ions), and neutralize them.
- These neutral particles subjected to intense electrical forces created by the negative charges, acquire a polarity resulting in the capture of one or more electrons.
- The large negative ions thus created carry a negative charge which grows with the surrounding negative density.
- All the particles present, whatever their size or nature acquire such a negative charge.
- This important electric charge will result in increasing mutual repulsion of micro particles, enough so that their diffusion and precipitation to the floor of the room (usually positively charged) can be initiated and continued
  1. Negative Ions remove the harmful effect of stress by regulating the production of stress hormone, cortisol.
  2. These Ions convert the acidic blood into an alkaline state by ionizing the calcium and sodium contents in the blood.
  3. Negative Ions help the cell to function optimally by regulating cellular metabolism and increase cellular nutrient absorption.
  4. Negative ion is a powerful Antioxidant which acts as a defense mechanism for protecting us against harmful bacteria and inhibits free radicals.

## **Health and Medical:-**

- 1. Blood purification** - restoring a healthy pH balance of the blood by increasing levels of sodium and calcium in the blood stream.
- 2. Negative ions are natural anti-depressant.** Studies have proved that ionized air has a great influence on the mood. Negatively charged fresh air is an effective prevention and treatment for depression.
- 3. Cell rejuvenation** – enhancing the vitality of muscle tissue, revitalizing cell metabolism.
- 4. Strengthening the immune system** – promotion of globulin production in the blood, as a result you have stronger resistance to illness.

5. **Recovery from physical exhaustion** - by stimulating more efficient oxygen utilization, negative ions help accelerate recovery from exhaustion.

6. **Stabilizing brain function** – result you can see in calmness and relaxation, promoting abundant oxygen levels in the blood.

7. **Negative ions purify the air around them and kill germs.** In many European workplaces and hospitals ionization of the air is mandatory because of sterilizing effect on enclosed air. It's not surprising that people catch more colds in office with air-conditioner than in natural environment. So, breathing a fresh air is extremely important for your health.

8. **Negative ions have a healing, sedative and pain-relieving effect.**

- Activation of the cell of the organism and improves metabolism
- Improves the body's immunity and respiratory system
- Strengthen the functions of autonomic nerves and blood circulation.
- Antioxidant and anti-aging
- Fatigue recovery and enforcing the power of concentration
- Comfortable sleep, eases stress and provides relaxation
- Enhances the oxygenation process of brain tissue and nervous system
- Purification of contaminated air (toxic & radioactive substances)
- Eliminates and inhibit airborne allergens, bacteria, viruses and fungi
- Elimination of electrical charge and dust

Tesla experimented studies indicated that with positive ionization, people and animals became tired and lethargic and with negative ionization the effect was one of feeling active and energetic. It can be manipulated as a military and government tool.

#### Average Ions present in air, 1 cm<sup>3</sup>

	<b>Neg. Ions</b>	<b>Pos. Ions</b>	<b>Total</b>
Clear Mountain Air	2000	2,500	4,500
Normal Land Air	1,500	1,800	3,300
Before a Storm	750	2,500	3,250
After a Storm	2,500	750	3,250
Typical modern office	150	200	350

Closed moving vehicle	50	150	200
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Studies show that 75% of the population is noticeably and adversely affected by positive ion ratios, while increased negative ions tend to have a calming influence on these same people.

Studies have shown that the natural oscillation frequency of the atmosphere field of seven to ten hertz (cycles per second) is the same as our brain's alpha state, our most relaxed yet alert state of being. This natural field oscillation, coupling with your own brain waves, enhances your alertness and improves your reaction time.

Lack of negative ions and excessive positive ions cause illness. Negative ions can be used to treat illness and improve health.

1. Arthritis symptoms, hands, feet, knees, neck, symptoms may come and go, positive ions.
2. Joint disease, positive ions.
3. High blood pressure, positive ions.
4. Cancer, conditions set up by positive ions.
5. Sinusitis, positive ions.
6. Pulmonary tuberculosis, positive ions.
7. Peripheral neuritis. diseases of the peripheral nervous system, positive ions.
8. Stress symptoms, positive ions.
9. Negative ions can help kill bacteria and viruses. Positive ions encourage.
10. Mental instability, psychosis, mania, rage, clouded thinking with positive ions.
11. Pulmonary emphysema, positive ions.
12. Pneumonia, laryngitis, positive ions.
13. Dry hacking cough, positive ions.
14. Respiratory illness, positive ions.
15. Allergies / hay fever, positive ions.
16. Depression, suicidal thoughts, psychosis, mania, positive ions.
17. Nausea, general malaise, positive ions.
18. Road rage, anger, shooting rage, positive ions.
19. Asthma, positive ions.
20. Negative ions are as necessary as water and air to humans, animals and soil.

## **OTHER BENEFITS OF NEGATIVE AIR IONS:-**

### **Agricultural:-**

1. Besides animals/humans and microorganisms, NAI also helpful to growth of plants.
2. After NAI treatment of *Avena sativa* (Oats), the fresh and dry weight was increased and mean stem length and integral elongation were also increased.
3. Plant height increased by 13–15% and dry weight increased by 18% under the growth environment with high concentrations of NAIs.
4. Lettuce plants exposed to NAIs showed vigorous growth with increased leaf area and fresh weight.
5. NAI treatment improved Sprout growth and bacterial control during plant development.
6. NAIs have a positive effect on kale ( green leafy vegetables like Broccoli )
7. Growth by improving fresh weight, macroelements and microelements.

### **GREEN HOUSES:-**

1. The yield of flowers/ fruits/ vegetables is increases by 30 to 50%.
2. The shelf period of flowers is increases and flowers remain fresh for longer period.
3. Dust was reduced considerably inside the Green Houses.
4. Less fungus/ Bacteria are observed during the treatment.

### **POULTRY FARM:-**

1. Smell / Odour present in poultry farm reduces.
2. Reduces the dust in the poultry shade.
3. Volatile organic compound decomposes.
4. Mortality reduces.
5. Results good in the Health & growth of Chickens.