



SEED FOR SAFETY

ISO 9001:2015 Certified Company

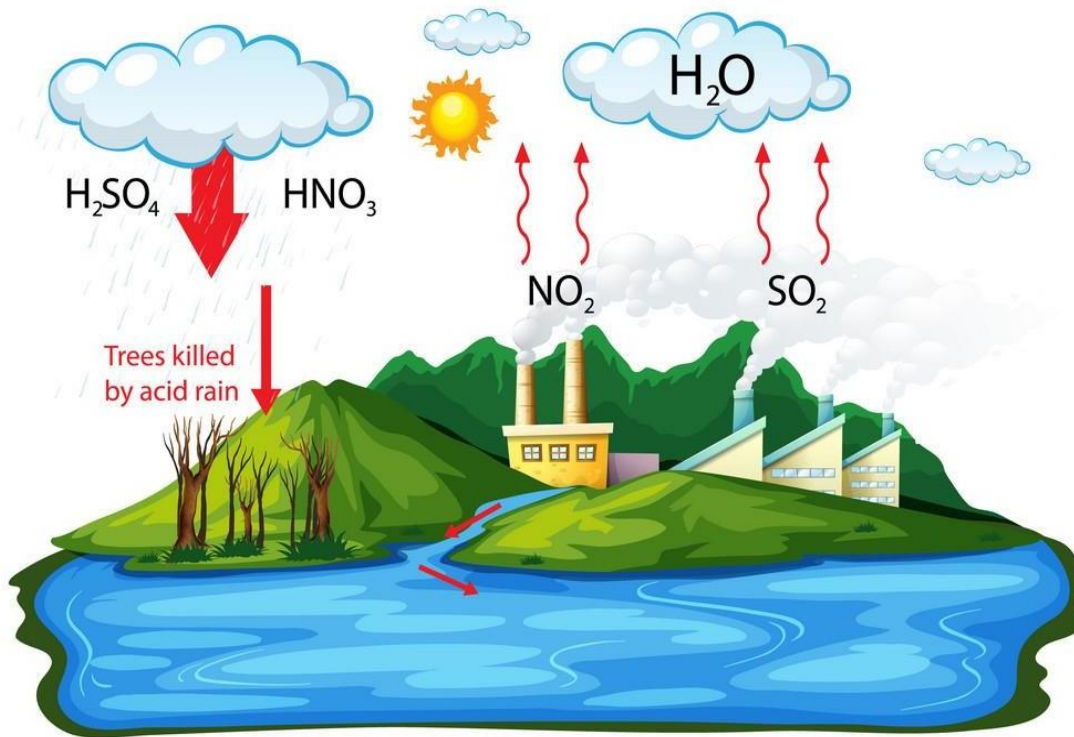
Acid Rain

For mor info

www.seedforsafety.com

Acid Rain

ACID RAIN



"Acid rain" is a broad term referring to a mixture of wet and dry deposition (deposited material) from the atmosphere containing higher than normal amounts of nitric and sulfuric acids. Primarily emissions of sulfur dioxide (SO_2) and nitrogen oxides (NO_x) resulting from fossil fuel combustion. Wet Deposition

Wet deposition refers to acidic rain, fog, and snow. If the acid chemicals in the air are blown into areas where the weather is wet, the acids can fall to the ground in the form of rain, snow, fog, or mist. As this acidic water flows over and through the ground, it affects a variety of plants and animals

Dry Deposition

In areas where the weather is dry, the acid chemicals may become incorporated into dust or smoke and fall to the ground through dry deposition, sticking to the ground, buildings, homes, cars, and trees. Dry deposited gases and particles can be washed from these surfaces by rainstorms, leading to increased runoff. This runoff water makes the resulting mixture more acidic. About half of the acidity in the atmosphere falls back to earth through dry deposition.

Effects of Acid Rain

Acid rain causes acidification of lakes and streams and contributes to the damage of trees at high elevations and many sensitive forest soils. In addition, acid rain accelerates the decay of building materials and paints, including irreplaceable buildings, statues, and sculptures that are part of our nation's cultural heritage. Prior to falling to the earth, sulfur dioxide (SO₂) and nitrogen oxide (NO_x) gases and their particulate matter derivatives—sulfates and nitrates—contribute to visibility degradation and harm public health.

Reducing Acid Rain

Individuals and society as a whole can participate in various efforts to help reduce acid deposition:

- Understand acid deposition's causes and effects
- Clean up smokestacks and exhaust pipes
- Use alternative energy sources
- Restore a damaged environment
- Look to the future
- Take action as individuals





SEED FOR SAFETY

ISO 9001:2015 Certified

Our Services

Started in 2010 to improve the Safety, Health and Environment among industries, Corporate, Construction, Institute and for general public through



Safety TRAINING



AUDIT



LEGAL CONSULTATION



FIRE



MANPOWER



PROCKETS, PPE

Contact Us

SEED FOR SAFETY Plot no. 1, Shanthi Colony,
Arambakkam Road, Athananchery,
Padappai : 601 301.

+91 89 398 65 949 - 60

Company Run by a Certified Auditor / Officer

www.seedforsafety.com