

BENEFITS OF RAIN ENHANCEMENT



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Rain Enhancement Science

1 DROUGHT RELIEF

One big benefit of rain enhancement is to increase rainfall amount in regions that are most affected by droughts, lessening the impact of harsh climate. Rain enhancement has the potential to make dry areas more water-secure and more hospitable.



2 UNDERGROUND WATER RECHARGE

Increased rainfall helps raise levels of ground water and reservoirs, and thus prevent desertification by protecting the soils and recharging the water tables.



3 HAIL SUPPRESSION

Through rain enhancement, atmosphere water vapor will be better regulated, thus contributing to prevent hailstone accumulation for instance, and then save the crops from damage. Severe weather prevention contributes to protect local production as well as infrastructures.



4 FOOD SECURITY

Through rain enhancement, soils are fertilized and farms can yield more crops since farmers are now able to exploit areas that might not have been previously ideal for agriculture cultivation. This technology could help alleviate droughts in parts of Africa, which holds 60 percent of the world's arable lands.



5 ECONOMIC SECURITY

If farmers can grow and sell more crops, then the overall economy of a region would be greatly improved. The rain enhancement technology is actually cheaper than desalination to provide alternative sources of fresh water.

