



## Introduction of Seeding Agents

Water resources are increasingly taxed by exploding demand and continued population growth. The world's population is projected to grow over 40% in the next 45 years.

Weather modification, commonly known as **cloud seeding**, is the application of scientific technology that can enhance a cloud's ability to produce precipitation. Weather Modification, Inc., is on the forefront of scientific technology to maximize water availability worldwide. Application of scientific concepts and extensive scientific experimentation has proven that cloud seeding increases the amount of precipitation.

### Cloud seeding useful in the following applications:



**Increasing Precipitation**



**Mitigating Hail Damage**



**Dispersing Fog**

Another useful application for cloud seeding is the treatment of ground-based clouds, also known as fog. Supercooled fogs, comprised of water droplets at temperatures cold enough to permit ice development, can easily be cleared by glaciogenic seeding. This can be done either from the ground or from airborne application. Your choice between the two will depend on characteristics such as local infrastructure, topography, and wind.

### Enlist our team of cloud seeding experts.

Whether you are looking for a small operation or a full program, Weather Modification, Inc. can ensure your cloud seeding project runs smoothly. From Federal Aviation Administration (FAA) approved aircraft installations, configured for aerial cloud seeding and **cloud physics**, to ground-based seeding equipment and training, Weather Modification, Inc., has the equipment, experience and knowledge you need.



#### Types of Cloud Seeding:

**Aerial Cloud Seeding**

**Ground-Based Cloud Seeding**