



News

By reducing air pollution we can boost crop yields

Air pollution takes a toll on people's health, but air quality has several other effects as well. One is that polluted air can lower crop yields. The corollary is that cleaner air can boost those yields. Researchers in the United States have discovered that reductions in air pollution during a two-decade period between 1999 and 2019 helped bring about a 20% increase in corn and soybean yields worth about \$5 billion a year. The scientists, who focused on a region of nine states region in the U.S. that produces two-thirds of the country's maize and soybean, found that four air pollutants are particularly damaging to crops: ozone, particulate matter, sulfur dioxide, and nitrogen dioxide. These pollutants accounted for an estimated 5% loss in corn and soybean production in the region during the study period, based on data and yield estimates. Specifically, total yield losses averaged 5.8% for maize and 3.8% for soybean over the two decades.

[.....Read more...](#)**Date:** July 05, 2021**Source:** Sustainability Times**Air purifying indoor plants: Upgrade and refresh your space with greenery**

Indoor plants not only increase oxygen, but they also purify the air to an extent. Plants placed in living rooms, bed rooms and bathrooms can remove toxins such as formaldehyde, benzene and more. Apart from air purifying qualities, plants placed indoors also provide a refreshing, vibrant feeling that can enhance the overall mood of residents. And while fresh air is nice and being surrounded by plants makes many of us happy, their air-purifying abilities can actually make you feel better physically too. Almost all plants absorb carbon dioxide and emit oxygen but some are also capable of doing more. If you live in a city with increased pollution levels, indoor plants can help you make the air inside the house much more breathable.

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LUCKNOW: As many as 27.9 crore trees were planted in the state during the Van Mahotsav in the first week of July this year. The forest department planted around 1.3 crore trees along the Ganga and its tributaries. On Sunday, over 25.5 crore trees were planted in 12 hours in the state. The campaign was launched by governor Anandiben Patel who planted saplings in Smriti Vatika in Jhansi and chief minister Yogi Adityanath who planted a harishankari (formation of peepal, banyan and pakar) along the Purvanchal expressway in Sultanpur. The preference has been given to plantation along the national and the state highways and the expressways in this year's plantation drive. Smriti Vatika, gardens raised in the memory of those who died during the Covid-19 pandemic, is the highlight of the plantation drive. Over 18,878 smriti vatika have been raised in the state.

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The view of Cairo from the air is one of concrete buildings and tangled overpasses stretching as far as the eye can see. Green areas comprise less than 4% of the total urban built area, and recent construction projects have resulted in the destruction of tens of acres of the city's already-sparse green space. In megacities such as Cairo and Dhaka, Bangladesh, the lack of green space contributes to a host of problems: increased air pollution, higher air temperatures, and greater exposure to ultraviolet radiation, all of which are making these cities increasingly dangerous places to live. According to the World Health Organization, outdoor air pollution kills 4.2 million people every year, most in low- and middle-income countries. Outdoor air pollution is particularly deadly in dense urban environments in these nations. In Cairo, for example,

[.....Read more...](#)**Date:** July 08, 2021**Source:** Yes Magazine**Indoor Plants for Air Purifying and Low Maintenance Care**

Air purifying indoor plants not only help create a pleasant atmosphere inside any home, but they can also remove chemicals from the air and may just lift your mood—and many require barely any maintenance at all. In fact, a NASA study revealed that a handful of familiar house plants can remove harmful toxic chemicals from the air by absorbing the pollutants into their leaves, roots and soil through a process called phytoremediation. "Houseplants ... have demonstrated the potential for improving indoor air quality by removing trace organic pollutants from the air," the Clean Air Study published by the agency found. We've taken a look at common pollutants and summarized the best air purifying indoor plants for air purification and low-maintenance care below.

[.....Read more...](#)**Date:** July 13, 2021**Source:** Newsweek

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