



HORTICULTURE ARTICLE

Controlled Environment Agriculture: An Answer to Crop Contamination

Written by
Gretchen Heber



Traditional farmers have long battled problems of cross-pollination. Years of carefully culled plant development can be obliterated in a single season by the whims of Mother Nature as she flings asunder bits and pieces of adjacent farms to meddle with the DNA of each farm's carefully selected crop plants.

A farmer may have a carefully crafted hybrid he wishes to preserve, or perhaps a precious heirloom variety she wishes to keep intact. Either way, neither is likely to be appreciative of genetic "gifts" from neighboring farms.

Farmers of all stripes are frustrated by this phenomenon.

Fortunately, there's a solution: controlled environment agriculture. Plants grown in a carefully monitored indoor environment don't get contaminated by pollen blown in with the wind or brought over from insects oblivious to property lines. CEA farmers can carefully manage what comes into their farms, ensuring that their product remains genetically pure and that it retains its market value.

If you elect to set up a controlled environment agriculture environment, be sure to contact us to discuss Illumitex LED lighting. You'll want the lights that give you the best return for the smallest investment. Some of our CEA customers are seeing as much as 38% yield increase from using their Illumitex LED grow lights (Eclipse ES1, Eclipse ES2, Quantum).

LED lights use a whole lot less electricity, too, and generate very little heat, so you're not paying for expensive cooling systems. So not only will you see an enviable ROI, you'll retain pure and uncontaminated product, too.