

## Environmental Impacts Of Cocoa Production And Processing

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### Environmental Impacts Of Cocoa Production

The environmental impact of cocoa production includes deforestation, soil contamination, and herbicide resistance. The majority of cocoa farms are located in Côte d'Ivoire and Ghana.

### Environmental impact of cocoa production - Wikipedia

Cocoa production has potential to do no environmental harm if properly managed, but best practices are not widespread, leading to soil erosion and ultimately further deforestation for new plantations. Soil erosion and fertilizer-use . Dr. Soetanto Abdoellah, chairman of the Indonesian Cocoa Board, said: "If farmers aren't using good agricultural practices (GAP) then the impact will be high because for example in Indonesian cocoa farming we always use shade but without shade soil erosion ...

### What is the environmental impact of cocoa production?

Industrial processing of cocoa beans was found to be the most predominant stage in the environmental impacts of photochemical ozone creation potential (95.84%), global warming potential (80.89%), atmospheric acidification potential (96.47%) and abiotic depletion potential (76.35%).

### Environmental impacts of cocoa production and processing ...

Cocoa production stage Fig. 2 shows that, cocoa production makes the largest contribution to the environmental impacts of eutrophication, ozone layer depletion, freshwater aquatic eco-toxicity, human toxicity, and terrestrial eco-toxicity, with average contributions greater than 96%.

### Environmental impacts of cocoa production and processing ...

Most studies of cocoa production have focused on its economic benefits. Less attention has been paid to its environmental impacts. But cocoa farming has enormous environmental consequences. This is...

### Ghana's cocoa production relies on the environment, which ...

Intensive large scale cocoa production can also result in reductions in biodiversity and soil fertility, soil erosion, stream sedimentation and health

and environmental problems associated with agrochemical application and run-off.

### **What are the effects of intensive commercial production of ...**

Another study showed that the production and use of fertilizers and pesticides were a major cause of negative environmental impacts during cocoa production (Ntiamoah and Afrane 2008). ... Making ...

### **Environmental impacts of cocoa production and processing ...**

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### **Ghana's cocoa production relies on the environment, which ...**

"I have seen over the years that this phenomenon is not only adversely impacting on cocoa production, but also affecting plant and animal life as well as water resources", says Mr. Daniel Amponsah Gyinayeh, a cocoa farmer.

### **Environmentally friendly practices boost cocoa production ...**

Cocoa farmers usually clear tropical forests to plant new cocoa trees rather than reusing the same land. That practice has spurred massive deforestation in West Africa, particularly in Ivory Coast. Experts estimate that 70% of the country's illegal deforestation is related to cocoa farming.

### **Bittersweet: chocolate's impact on the environment ...**

The raw material impacts are mainly due to milk powder, cocoa derivatives, sugar and palm oil. The sensitivity analysis shows that the results for global warming potential are sensitive to land-use change (LUC) associated with cocoa production, increasing the impact of the chocolate products by three to four times if LUC is involved.

### **Environmental impacts of chocolate production and ...**

All articles for the topic: Environmental Effects of Cocoa Production Ghana Agriculture Agricultural land in Ghana is used mainly for production of cereal, cocoa, oil palm, root vegetables, tubers, livestock raising, and irrigated farming in conjunction with shallot farming.

### **Environmental Effects of Cocoa Production | weADAPT ...**

On average, each person individually consumes about eight kilogramme of chocolate per year, researchers said. They found the raw materials used to produce chocolate as well as the packaging are the major environmental hotspot. The impact from the ingredients are mainly due to milk powder, cocoa derivatives, sugar and palm oil.

### **chocolate: Chocolate production may be harming environment ...**

Environmental Effects: In recent years the demand for chocolate has dramatically increased. The cocoa farmers are struggling to match the increasing demand for chocolate and therefore have turned to less environmentally friendly practices to meet these demands.

### **Effects & Impact - cocoa beans**

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### **Environmental impacts of chocolate production and ...**

of rural producers. Environmental health is also a critical long term economic issue. When a plant is in shock or grown in extreme conditions, such as full sun for cocoa, the plant tends to produce seed (product) at an accelerated rate resulting in high yields. High yield is beneficial for the conventional producer in the

### **Considerations for the Sustainable Production of Cocoa ...**

7 Social Impact The public has been aware of the sweatshop in clothing production, but we rarely question whether the chocolate production process is a fair one. There is a bitter truth behind the sweet chocolate.

### **7 Social Impact | Hi! I'm chocolate**

Crucially, the signatories highlighted studies by the Mighty Earth group that indicated that while it welcomed the industry embracing firm policies on management of forests, levels of deforestation linked directly to cocoa production in Ivory Coast and Ghana have actually increased rather than decreased since the Cocoa and Forests Initiative between the two West African governments and 35 cocoa and chocolate companies was unveiled at the end of 2017.

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