

# **Yield Gaps And Potential Agricultural Growth In West And Central Africa By Jordan Chamberlin**

**By Jordan Chamberlin**

## **Yield Gaps and Input-Use Efficiency of High-**

Extension is a Division of the Institute of Agriculture and Natural Resources at the University of potential, you can quantify the yield gaps of your corn fields.

[http://watercenter.unl.edu/ResearchDB/publications/Grassini\\_Corn\\_Efficiency.pdf](http://watercenter.unl.edu/ResearchDB/publications/Grassini_Corn_Efficiency.pdf)

## **1 Increasing Food Security and Productivity in -**

According to the Food and Agriculture Organization (FAO), 840 million of the are unable to afford to import the necessary commodities to make up the gap. western Africa, and is one of the smallest countries in continental Africa. .. Priorities for Realizing the Potential to Increase Agricultural Productivity and Growth in.

[http://www.worldfoodprize.org/documents/filelibrary/images/youth\\_programs/research\\_papers/2009\\_papers/IRIS\\_SIshaya\\_A419D604237E2.pdf](http://www.worldfoodprize.org/documents/filelibrary/images/youth_programs/research_papers/2009_papers/IRIS_SIshaya_A419D604237E2.pdf)

## **Connecting Food Staples and Input Markets in West -**

Box 2.3 Subregional Cooperation and Agriculture in West Africa . Despite its great agricultural potential, Africa One reason for this gap is the lack of accurate infor- input markets and policies are undermining yield growth and creating Johnson, Eduardo Magalhaes, Xinshen Diao, Liang You, and Jordan Chamberlin.

<http://reliefweb.int/sites/reliefweb.int/files/resources/Connecting0foo0for0ECOWAS0countries.pdf>

## **Crop Yield Gaps: Their Importance, Magnitudes, and -**

The term yield gap has been widely used in the literature for at least the past few decades . Yield gaps are estimated by the difference between yield potential and

[http://www.annualreviews.org/eprint/RUHlqTZ2TjdVwfVGSktf/full/10.1146/annurev.viron.041008.093740](http://www.annualreviews.org/eprint/RUHlqTZ2TjdVwfVGSktf/full/10.1146/annurev.environ.041008.093740)

## **The crop yield gap between organic and -**

Yield gaps of organic agriculture differed of the potential of organic agriculture. of organic and conventional agriculture we propose

<http://www.sciencedirect.com/science/article/pii/S0308521X1100182X>

## **Download pdf - Freeman Spogli Institute for -**

Jan 12, 2012 T.S. Jayne, Jordan Chamberlin, and Milu Muyanga1 Africa has arguably diverted attention from the more central and enduring Emerging Land Issues in African Agriculture: Implications for food .. Land intensification and yield gaps The potential for yield growth of the basic staples is enormous.

[http://fsi.stanford.edu/sites/default/files/Jayne\\_Byerlee\\_1\\_12\\_12.pdf](http://fsi.stanford.edu/sites/default/files/Jayne_Byerlee_1_12_12.pdf)

### **Home - Global Yield Gap Atlas -**

is to provide best available estimates of the exploitable yield gap agriculture also are limited unexploited yield gaps and greatest potential to close

<http://yieldgap.org/>

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<http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/125956>

### **Yield Gaps and Potential Agricultural Growth in -**

Jun 26, 2015 Liangzhi You, Xinshen Diao, and Jordan Chamberlin. RESEARCH 4. Yield Gaps. 66. 5. Growth Potential for West and Central Africa. 101. 6.

<http://www.ifpri.org/file/23922/download?token=V1zbLKNUnSGKnwO9wmSSEwQjOokD6iQfP0-gjiHbveE>

### **Potential Productivity and Yield Gap of Selected -**

Assessment of potential yield and the yield gap between potential and Office of Agricultural Economics, Thailand. Yield of northeastern Thailand is 23% lower than

<http://ejournal.icrisat.org/agroecosystem/v2i1/v2i1potpro.pdf>

### **Closing yield gaps: perils and possibilities for -**

(c) Potential opportunities for conservation. Although closing yield gaps poses risks to biodiversity, untapped agricultural potential also presents the opportunity

<http://rstb.royalsocietypublishing.org/content/369/1639/20120285>

### **Can the Yield Gap Be Closed -- Sustainably? -**

Jun 06, 2011 In my article on Sunday about the future of the food system, I briefly mentioned the potential for improved agricultural output in Africa. The situation

<http://green.blogs.nytimes.com/2011/06/07/can-the-yield-gap-be-closed-sustainably/>

### **Xinshen Diao CV - ifpri -**

Yield Gaps and Potential Growth in Western and Central Africa, IFPRI book ( Eduardo Magalhaes, Liang You, Xinshen Diao, and Jordan Chamberlin). Page 3. 3. 4. Agricultural Growth and Investment Options for Poverty Reduction in

<http://www.ifpri.org/file/315/download>

### **CiteSeerX YIELD GAPS AND POTENTIAL AGRICULTURAL -**

, title = {yield gaps and potential agricultural growth in west and central africa}, year = {}

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.193.9451>

### **EconPapers: Yield gaps and potential agricultural -**

Yield gaps and potential agricultural growth in West and Central Africa. Alejandro Nin-Pratt, Michael Johnson, Eduardo Magalhaes, Liangzhi You, Xinshen Diao and <http://econpapers.repec.org/RePEc:fpr:resrep:alejandronin-pratt>

### **Production potential and yield gaps of summer -**

Production potential and yield gaps of summer maize in the Beijing-Tianjin-Hebei Region. Agricultural Research in the Arid Areas, 4: 1-7. (in Chinese) <http://link.springer.com/article/10.1007%2Fs11442-011-0872-3>

### **Jordan Chamberlin - Google Scholar Citations -**

Yield gaps and potential agricultural growth in West and Central Africa. A Nin-Pratt, M Johnson, E Magalhaes, L You, X Diao, J Chamberlin. Intl Food Policy Res <http://scholar.google.com/citations?user=ah8UQfwAAAAJ&hl=en>

### **Potential yields and yield gaps in wheat: the -**

Apr 07, 2014 Potential yields and yield gaps in wheat: Norman Borlaug understood well the big picture in agricultural development, <http://www.slideshare.net/CIMMYT/potential-yields-and-yield-gaps-in-wheat-the-bases-of-wheat-yield-progress>

### **Amazon.fr - Yield Gaps and Potential Agricultural -**

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### **Global Project Targets Local Yield Gaps | Research -**

Global Project Targets Local Yield Gaps . Unlike other efforts to estimate yield potential, the team s Global Yield Gap Atlas uses a As an agricultural <http://research.unl.edu/annualreport/2012/global-project-targets-local-yield-gaps/>

### **Definitions - Global Yield Gap Atlas -**

Glossary; Contact; Sitemap; Water resources to support rainfed and irrigated agriculture also are under The gap between the water-limited yield potential (Y<sub>w</sub>) <http://yieldgap.org/glossary>

### **Yield Analysis | HarvestChoice -**

agricultural production is The difference between actual and potential crop yield under best Yield-gap analysis is based on the notion that <http://harvestchoice.org/topics/yield-analysis>

### **Application of the CSM-CROPGRO-Soybean Model for -**

USA 2 Department of Agronomy, Faculty of Agriculture, Khon . This model can provide an alternative option to quantify yield potential and yield gaps for [http://www.academia.edu/3278523/Application\\_of\\_the\\_CSM-CROPGRO-Soybean\\_Model\\_for\\_Evaluating\\_Soybean\\_Yield\\_Potential\\_and\\_Determining\\_Yield\\_Gaps\\_in\\_Thailand](http://www.academia.edu/3278523/Application_of_the_CSM-CROPGRO-Soybean_Model_for_Evaluating_Soybean_Yield_Potential_and_Determining_Yield_Gaps_in_Thailand)

### **Scarcity amidst abundance? Reassessing the -**

Jun 6, 2014 Reassessing the potential for cropland expansion in Africa. Jordan Chamberlin, , ; T.S. Jayne, , ; D. Headey In the long run, improvements in infrastructure and agricultural productivity and the growth of hinterland towns will enhance the .. report that cereal yield gaps for Africa as a whole are about 80%.

<http://www.sciencedirect.com/science/article/pii/S0306919214000761>

### **Land pressures, the evolution of farming systems, -**

Jul 14, 2014 T.S. Jayne, , ; Jordan Chamberlin,,; Derek D. Headey Ninety percent of Africa's surplus arable land is concentrated in a few countries. Agricultural and rural development strategies in the region will need to more fully .. means that even improving roads and reducing yield gaps will not be sufficient to

<http://www.sciencedirect.com/science/article/pii/S0306919214000888>

### **1 Introduction to yield gap analysis - SlideShare -**

Jan 27, 2014 Yield Gap Analysis and Crop Modeling Workshop Agriculture and Food Security POTATO YIELD GAP EXAMPLE OF YIELD GAP 36. Potential Yield,

<http://www.slideshare.net/CIP-PSE/1-introduction-to-yield-gap-analysis>

### **Strategic Priorities for Agricultural Development -**

Jordan Chamberlin 4.1 Agricultural commodity yields: ECA, Africa, and global, 2003 A.2 ECA development domains: Generation of composite potential market how eastern and central African countries can stimulate agricultural growth to This report helps to fill that gap for eastern and central Africa (ECA), focusing

[http://www.asareca.org/~asareca/sites/default/files/ASARECA%20%20Strategies\\_%20IFRI%20REPORT.pdf](http://www.asareca.org/~asareca/sites/default/files/ASARECA%20%20Strategies_%20IFRI%20REPORT.pdf)

### **Food Security: Yield Gap - Encyclopedia of -**

some concept of a biological maximum potential yield. Is this gap shrinking in a way that limits Rainfed Agriculture: Unlocking the Potential, CAB

<http://www.sciencedirect.com/science/article/pii/B9780444525123000371>

### **iTunes - Books - 2011 Global Food Policy Report by -**

Apr 23, 2012 Yield Gaps and Potential Agricultural Growth In West and Central Africa Magalhaes, Liangzhi You, Xinshen Diao & Jordan Chamberlin.

<https://itunes.apple.com/us/book/2011-global-food-policy-report/id520969584?mt=11>

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