Algeria - Good Growth Plan, 2022

Syngenta

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Identification

SURVEY ID NUMBER
DZA_2021-2022_GGP-P_v01_EN_M_v01_A_OCS

TITLE
Good Growth Plan, 2022

COUNTRY

Name	Country code
Algeria	DZA

STUDY TYPE
Agricultural Survey [ag/oth]

ABSTRACT
Syngenta is committed to increasing crop productivity and to using limited resources such as land, water and inputs more efficiently. Since 2014, Syngenta has been measuring trends in agricultural input efficiency on a global network of real farms.
The Good Growth Plan dataset shows aggregated productivity and resource efficiency indicators by harvest year. The data has been collected from more than 700 farms and covers more than 10 different crops in 7 African countries.

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
Agricultural holdings

Scope

NOTES
Data was collected on the usage of inputs, such as crop protection products, chemical fertilizer, seeding rates, labor hours, machinery usage hours, and marketable crop yield on a per hectare basis.

Coverage

GEOGRAPHIC COVERAGE
National Coverage

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Syngenta

Sampling

SAMPLING PROCEDURE
A. Sample design
Farms are grouped in clusters, which represent a crop grown in an area with homogenous agro- ecological conditions and include comparable types of farms. The sample includes reference and benchmark farms.

B. Sample size
Sample sizes for each cluster are determined with the aim to measure statistically significant increases in crop efficiency over time. This is done based on target productivity increases and assumptions regarding the variability of farm metrics in each cluster. The smaller the expected increase, the larger the sample size needed to measure significant differences over time. Variability within clusters is assumed based on public research and expert opinion. In addition, growers are also grouped in clusters as a means of keeping variances under control, as well as distinguishing between growers in terms of crop size, region and technological level. A minimum sample size of 20 interviews per cluster is needed. The minimum number of reference farms is 5 of 20. The optimal number of reference farms is 10 of 20 (balanced sample).

WEIGHTING
No weighting.

Data Collection

DATES OF DATA COLLECTION

Start	End
2021	2022

DATA COLLECTION MODE
Computer Assisted Personal Interview [capi]

Access policy

CONTACTS

Name	Affiliation	Email
The Good Growth Plan team	Syngenta	goodgrowthplan.data@syngenta.com

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The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO

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CITATION REQUIREMENTS
The Good Growth Plan Progress Data - Productivity 2021-2022

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Metadata production

DDI DOCUMENT ID
DDI_DZA_2021-2022_GGP-P_v01_EN_M_v01_A_OCS

PRODUCERS

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata producer

Data Description

Data file	Cases	Variables
data_anon_pre_planting__algeria	121	52
data_anon_post_harvest_algeria	59	54
data_anon_fertilizer_Algeria	63	13
data_anon_crop_protection_Algeria	59	10