

Your Crop

"Add your crop"

Add your Crop

Cotton



Select application type

Select application type...



Remove this

"Total cropped area"

AVG yield

bushels per acre

Total Cropped Are

acres

See next slide

"Cost of production excluding nitrogen, plant growth regulators and harvest aid"

AVG units of fertilizer applied after planting

lbs/acre

Cost per hectare for product

USD per hectare

If "Metric" then "Euro/hectare" if "Imperial" then "USD/acre"

AVG selling price per unit

AVG selling price per unit

Number of in-season applications

0

"Number of in-season N applications"

Specify the way you apply Nitrogen

Select

Avg cost of product per unit

Avg cost of product per unit

Should not be dropped down, just type answer

"USD per lb of N" if "imperial" and "Euro per kg of N" if "metric"

"Avg cost per unit of N applied."

unit should be replaced by the unit in yield. however remove the "per hectare" or "per acre"

example: if average yield is "metric ton per hectare" then "metric ton"
if "bushel per acre" then "bushel"

For the following crops if “metric” then “metric tons per hectare” if “imperial” then “tons per acre”

- Beets (sugar beets, potatoes)
- Clovers (alfalfa etc)
- Sugarcane
- Onion
- Grasses
- Spinach
- Grape

If “metric” then “kg per hectare” and if “imperial” then “tons per acre”

Cotton

All other crops:

For the following crops if “metric” then “metric tons per hectare” if “imperial” then “bushels per acre”

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Cotton

Select application type

Select application type...

AVG yield

bushels per acre

Total Cropped Are

acres

AVG units of fertilizer applied after planting

lbs/acre

Cost per hectare for product

USD per hectare

AVG selling price per unit

AVG selling price per unit

Number of in-season applications

0

Specify the way you apply Nitrogen

Select

Avg cost of product per unit

Avg cost of product per unit

Add your Crop

Cotton'User Inputs'!B3

Select application type

Select application type...

AVG yield

bushels per acre'User Inputs'!B7

Total Cropped Are

acres'User Inputs'!B6

AVG units of fertilizer applied after planting

lbs/acre'User Inputs'!B10

Cost per hectare for product

USD per hectare'User Inputs'!B9

AVG selling price per unit

AVG selling price per unit'User Inputs'!B8

Number of in-season applications

0'User Inputs'!B12

Specify the way you apply Nitrogen

Select'User Inputs'!B4

Avg cost of product per unit

Avg cost of product per unit'User Inputs'!B11

Remove this

Yes or No drop down from 'User Inputs'!B13

If "metric" then "ml/hectare" if "imperial" then "oz/acre" 'User Inputs'!B14

If "metric" then "Euro/ml" if "imperial" then "USD/oz" 'User Inputs'!B15

User input numbers only 'User Inputs'!B16

Yes or No drop down from 'User Inputs'!B17

If "metric" then "ml/hectare" if "imperial" then "oz/acre" 'User Inputs'!B18

If "metric" then "Euro/ml" if "imperial" then "USD/oz" 'User Inputs'!B19

User input numbers only 'User Inputs'!B20

These lines should only appear if "yes" selected for "Will this field have plant growth regulator applied?"

These lines should only appear if "yes" selected for "Will this field have harvest aid applied?"

Will this field have plant growth regulator applied?		Yes
AVG PGR applied/(hectare or acre)	ml/hectare or oz/acre	
AVG cost of PGR per unit	USD/oz or Euro/ml	
Number of in-season applications		
Will this field have harvest aid applied?		Yes
AVG HA applied/(hectare or acre)	ml/hectare or oz/acre	
AVG cost of PGR per unit	USD/oz or Euro/ml	
Number of in-season applications		

Remove this page

ROI Calculator

Please fill the form below to receive a quote for your project.
Feel free to add as much detail as needed.



Your Fertilizer

AVG price for fertilizer (e.g. UREA) per ton

USD

“Maize/corn”

Should be “Sugarbeets” and “Potatoes” as two separate items

Change to “Clovers (Alfalfa, etc)”

“Sorghum/milo”

There should only be one sorghum

ROI Calculator

Please fill the form below to receive a quote for your project.
Feel free to add as much detail as needed.



Your Crop



Add your Crop

Soybeans

Select your crop...

Soybeans

Maize

Wheat (winter, spring, durum)

Beets (sugarbeets, potatoes)

Grasses

Cotton

Alfalfa (clovers)

Rapeseed

Barley (malt)

Barley (feed)

Rice (Paddy)

Sugarcane

Onion

Canola/Rapeseed

Sorghum

Spinach

Grape

Sorghum

Other Monocots (Rye, Oat, etc)

Select application type

Nitrogen

Total Cropped Are

1

Cost per hectare for product

1

Number of in-season applications

1

Avg cost of product per unit

1

+ Add Crop

If "USA" then use "3309 Elm St Dallas Tx 75226"



R&D: Irakliou 40, Metamorfosi 144 51, Greece

Augmenta ROI Calculator Estimations

Date: 2021-10-12

Contact Email: info@augmenta.ag

Region: United States

State: Kansas

Metric: Metric

Fertilization Cost (Currency)

If "metric" then "Euros" if "emperial" then "USD"

Entries and layouts should match outputs tab on ROI Calculator v2.2

https://docs.google.com/spreadsheets/d/1LYkes87Pl1cpu3HoiDs3HvrG-kOfr7GO/edit?usp=sharing&oid=115755217617694419455&rt_pof=true&sd=true



	1st Year		2nd Year ⁴		3rd Year ⁴	
	WITHOUT AUGMENTA	WITH AUGMENTA	WITHOUT AUGMENTA	WITH AUGMENTA	WITHOUT AUGMENTA	WITH AUGMENTA
Fertilization Cost(\$)	275,000.00	250,250.00	275,000.00	244,750.00	275,000.00	239,250.00
Yield(\$)	2,656,250.00	2,682,812.50	2,656,250.00	2,682,812.50	2,656,250.00	2,682,812.50
Production Cost(\$)	1,250,000.00	1,210,937.50	1,250,000.00	1,210,937.50	1,250,000.00	1,210,937.50
Your Profit(\$)	90,375.00		95,875.00		101,375.00	
You Pay Augmenta(\$)	22,000.00		10,000.00		10,000.00	
Yearly Grand Total(\$)	68,375.00		85,875.00		91,375.00	
Per Hectare Profit	36.15		38.35		40.55	
Total profit after 3 years			245,625.00			
Average profit per ha			38.35			

1. Augmenta's results to date average a fertilizer saving of 9%. 2. Augmenta's results to date average a yield increase of 2%. 3. Additional value added from both real-time analytics and post-operational reports. (e.g. time saved from logging fertilizer application data, real-time fleet management which eliminates daily inspection trips to the applicator).

4. Augmenta's AI recalibrated algorithms on the farm level, achieving better results each consecutive year.

The presented theoretical results are based on anonymised historical customer data and scientifically verified pilots. Augmenta does not guarantee these results due to numerous unknown parameters that exist on different farms around the world.

info@augmenta.ag | 40 rue de Blancs, Manteaux Paris 75004, France | www.augmenta.ag