

# What is the most profitable Crop?

A Stardew Valley Data Analysis

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Last Updated: 03.06.2023

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| What are we  
talking about?

# What is Stardew Valley?

- A popular indie farming simulation role-playing game.
- The game begins with the player inheriting their grandfather's old farm in a small town called Stardew Valley.
- The main objective is to restore the farm to its former glory by cultivating crops, raising animals, and maintaining the land.
- Seasonal changes affect which crops can be grown, adding a dynamic element to farming throughout the in-game year.

# Crops Explained

- Different crops have different growth times, requiring players to plan and manage their time effectively.
- Some crops are more profitable than others, encouraging players to strategize their farming choices.
- Some crops can be harvested multiple times throughout their lifespan, while others are a one-time harvest.
- Players can purchase seeds from the local store or obtain them through other means, such as trading or crafting.



# Objective

Analyze and identify the **most financially advantageous crop**, to assist farmers in optimizing their agricultural productivity and overall profitability.



# Single-Season Crops

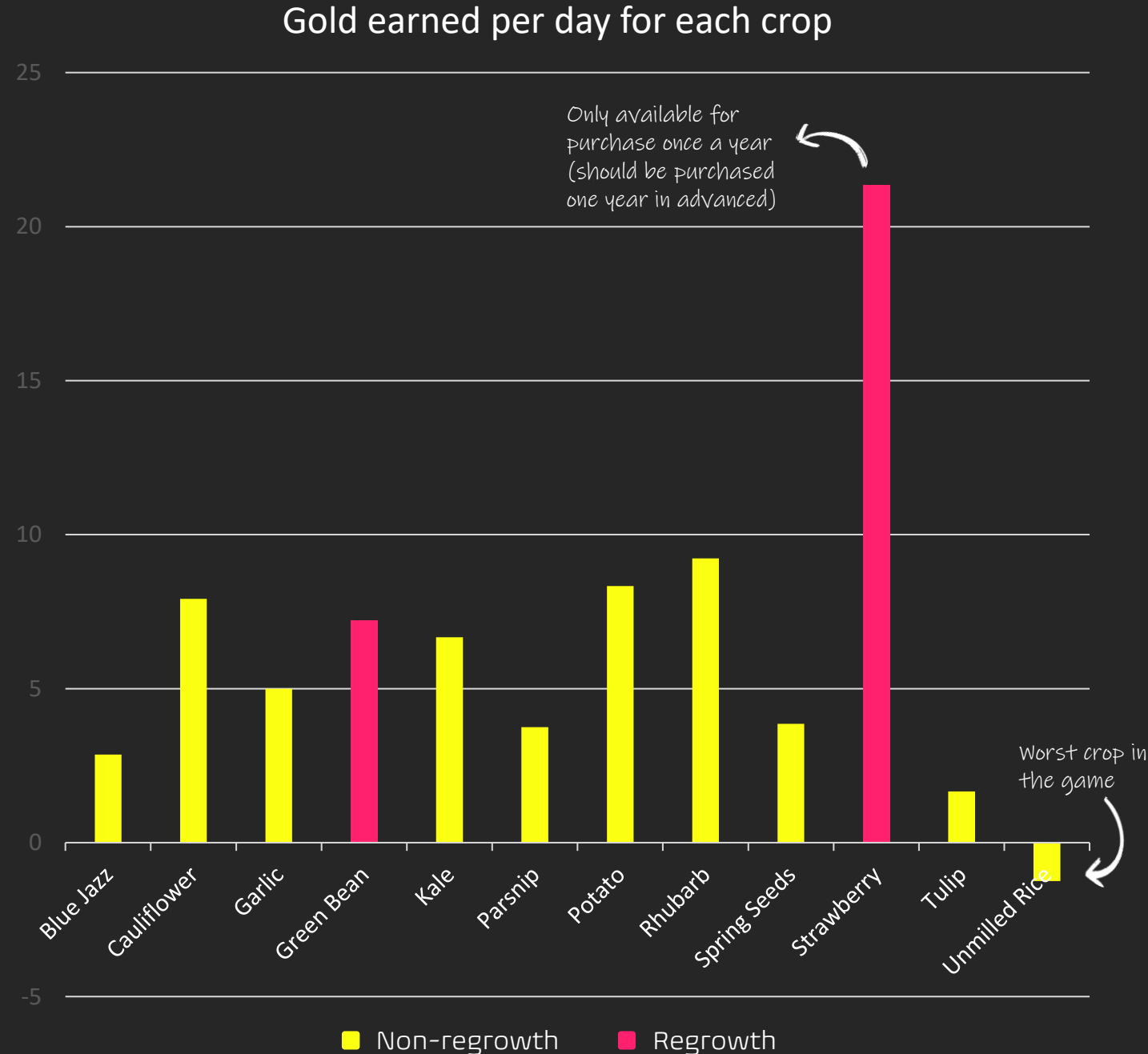
# Spring Crops

12 different crops

Best: Strawberry  
Ø 21,33 Gold/Day

Average:  
Ø 6,38g Gold/Day

Worst: Unmilled Rice  
Ø -1,25g Gold/Day





# Summer Crops

13 different crops

Best: Starfruit  
Ø 26,92 Gold/Day

Average:  
Ø 11,76g Gold/Day

Worst: Summer Spangle  
Ø 5,00g Gold/Day



# Fall Crops

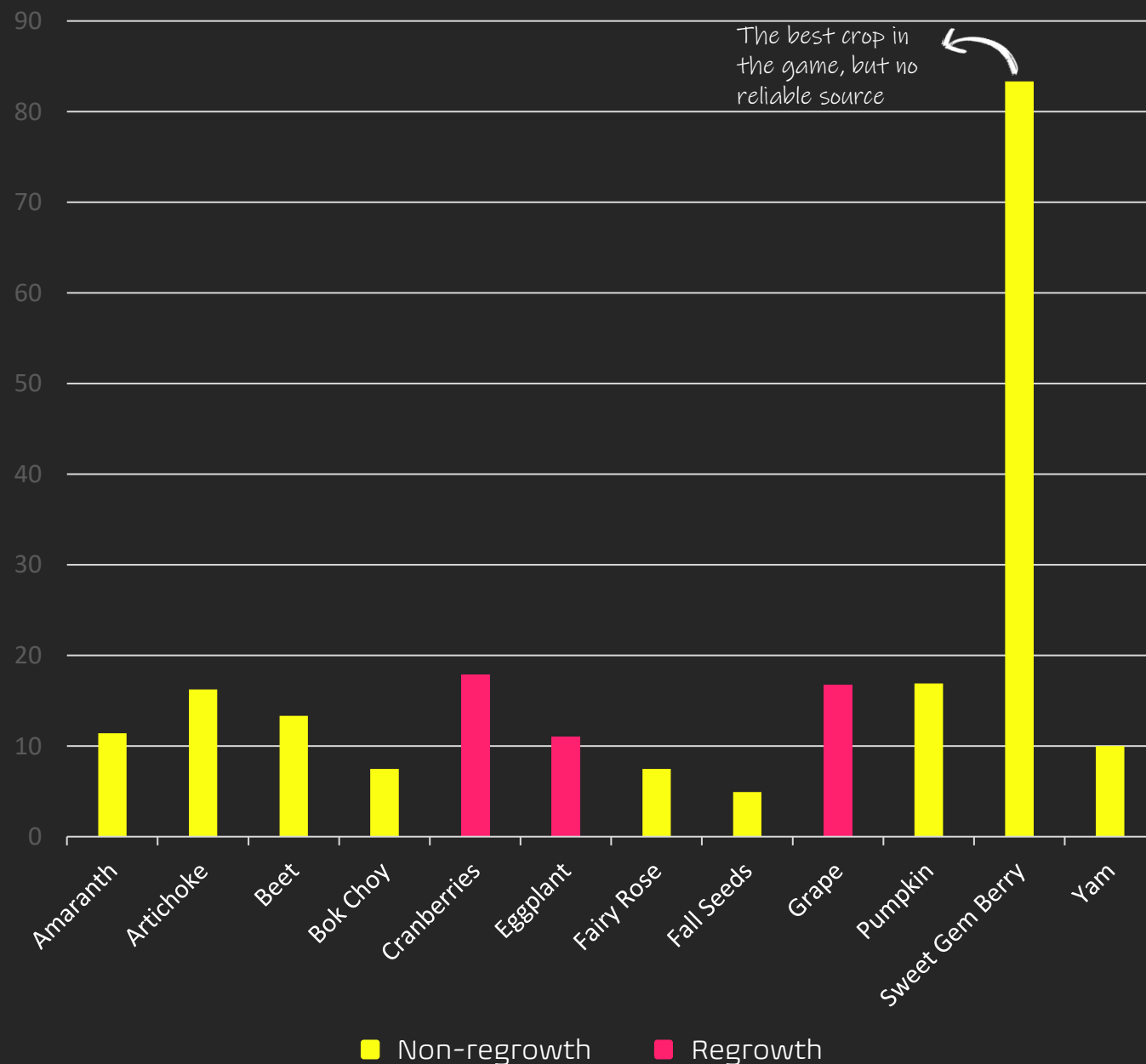
12 different crops

Best: Sweet Gem Berry  
Ø 83,33g Gold/Day

Average:  
Ø 18,07g Gold/Day

Worst: Fall Seeds  
Ø 4,93g Gold/Day

Gold earned per day for each crop



# Winter Crops

The only crop that grows in the winter.



# Multi-Season Crops

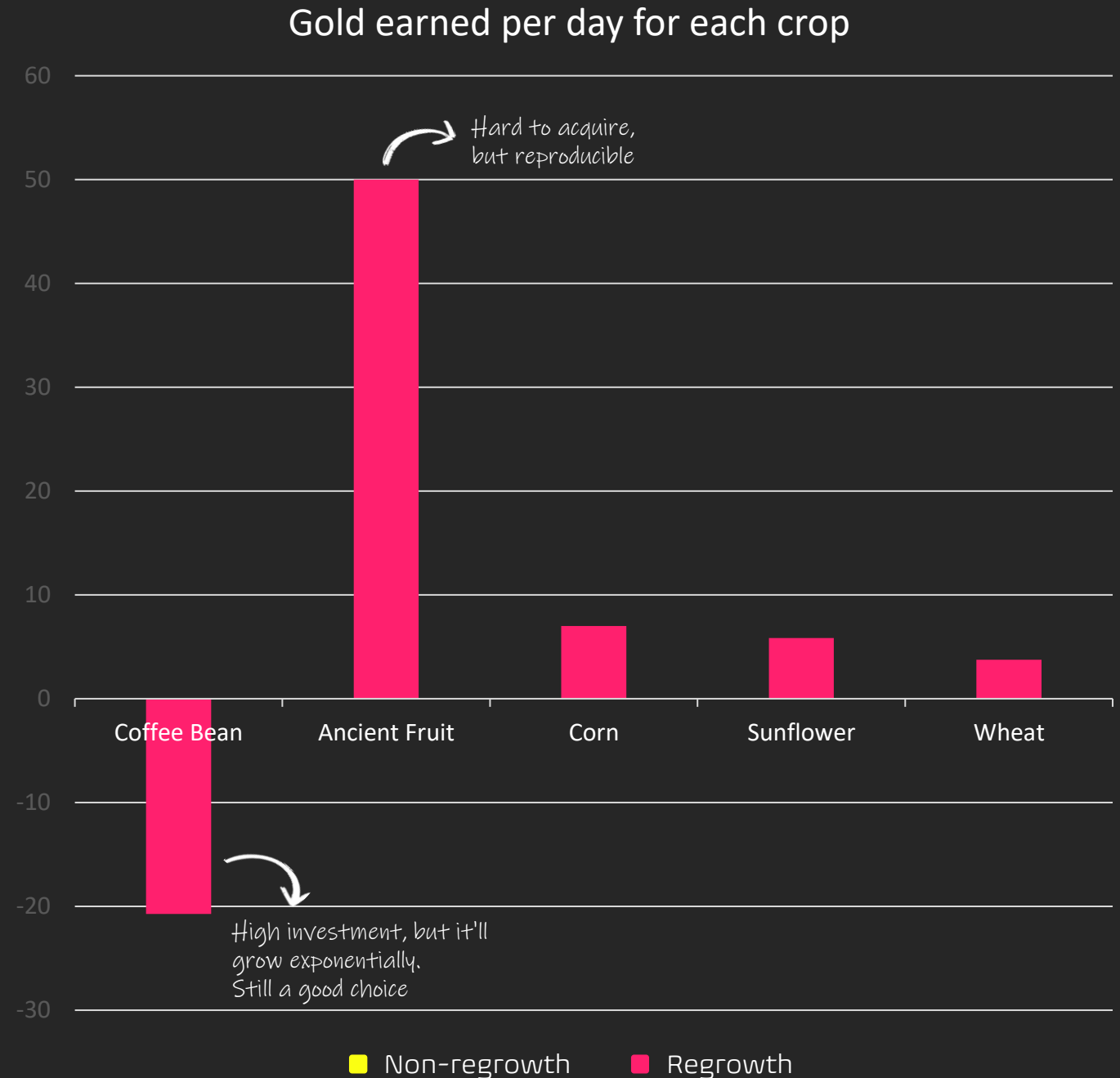
# Multi-Season Crops

5 different crops

Best: Ancient Fruit  
Ø 50,00 Gold/Day

Average:  
Ø 9,17g Gold/Day

Worst: Wheat  
Ø 3,75g Gold/Day





# Conclusion

# Conclusion

1. The **Fall season has the best crops**, based on their value and average yield compared to the rest of the year.
2. The **Winter season is the least profitable** season of the year.
3. It seems that the harder it is to obtain a crop, the better the gold per day. \*

\*Does not mean there is causal effect. Further analysis needed.



What you  
should do now



# Overall

- The **Ancient Fruit** is the best choice due to its high gold per day rate and reproducibility.
- The **Coffee Bean** is a good investment as it has the potential to grow exponentially over months and years, thanks to its reproducibility.
- If you don't have either of them, I have you covered in the next slide.

# Each Season

- Spring:
  - Strawberries are the best choice, but they must be purchased one year in advance.
  - The second-best choice would be Rhubarb.
- Summer:
  - To maximize your income, you should stick with Starfruits.
- Fall:
  - Buy Sweet Gem Berries whenever they are available.
  - However, the reliable choice would be Cranberries.
- Winter:
  - Out of the many choices, you should go with Winter Seeds.

# Plan

Better

<u>Spring</u>	<u>Summer</u>	<u>Fall</u>	<u>Winter</u>
Ancient Fruit			Winter Seeds
Coffee Bean		Sweet Gem Berries	
Strawberry	Starfruit	Cranberries	
Rhubarb	Red Cabbage	Pumpkin	
Potato	Blueberry	Grape	
Cauliflower	Melon	Artichoke	



Thank you

# Outro

- If you have questions, feel free to ask me.
- If you want to know more about the game, click [here](#).
- Thank you for reading this far. You are awesome!!!
- DANKE NENA. DU BIST MEGA ASESOME!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!



# Sources

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