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# The Pueblo Farming Project

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### Preface

The Pueblo Farming Project, or PFP, is an ongoing collaboration between the Hopi tribe and the Crow Canyon Archaeological Center. The PFP examines traditional Pueblo Indian farming techniques to help us understand ancient farming in the Mesa Verde region of southwestern Colorado. The project conducts research, develops educational programs, and pursues Hopi interests in corn and corn farming as an essential element of their culture. This e-book presents the methods and results from the Pueblo Farming Project, as well as a set of lesson plans developed for middle school students to learn about Hopi agriculture.



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x Preface

How to use this book

Saving and printing

Comments and feedback

### Acknowledgments

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## Introduction

1.1	What was the PFP?
His	cory
Res	earch goals
Hoj	i interests
Edu	cational products
Hię	hlight MSTFP
1.2	Who were the participants?
1.3	Where did it take place?
1.4	When did it take place?
7.5	Who funded the DED?

# The Story of Maize

- 2.1 Origins
- 2.2 The people of corn
- 2.3 A world of corn

The life-cycle of maize

# What maize needs to flourish

- 4.1 Soil
- 4.2 Water
- 4.3 Heat and sunlight

**GDD** sidebar

## The PFP Field Experiments

### 5.1 Procedure

#### 5.2 The PFP environment

Soils in the gardens

- 5.2.1 Cortez weather and CCAC weather stations
- 5.2.1.1 Precipitation
- 5.2.1.2 Temperature
- 5.2.1.3 GDD

#### 5.3 Results

Maize growth analysis

Maize production

- 5.3.0.1 Ear diversity
- 5.3.0.2 Yields through time

Maize genetics

## What we learned

- 6.1 The resilience of Hopi corn
- 6.2 Improving our understanding of Mesa Verde history
- 6.3 Culture matters!

## Lesson plans for educators

- 7.1 The People of Corn
- 7.2 Farming Through Drought
- 7.3 Know Your Soil
- 7.4 Ancient Technologies
- 7.5 The Short Blue Ear

# References

# Bibliography