

Contents

ACKNOWLEDGMENTS	ix
INTENT	i
CHAPTER 1 THE BACKDROP	2
What is rooftop agriculture?.....	3
Who's doing it?	4
A brief history	6
Today's rooftop farms and gardens	8
CHAPTER 2 WHAT'S IN IT FOR ME?.....	14
Health benefits	16
Environmental benefits	18
Economic benefits	20
Food access benefits.....	22
CHAPTER 3 SEED TO PLATE	24
Containers	26
Raised beds.....	34
Row farming	42
Hydroponics	48
Integrated approach.....	54
Milk eggs + wool.....	62
Beekeeping	66
Holistic building design	68
CHAPTER 4 ROOFTOP GARDENS (SMALL-SCALE).....	72
Inspirational rooftop gardens	72
Garden Checklist	92

CHAPTER 5 ROOFTOP FARMS (MEDIUM-SCALE)	108
Inspirational rooftop farms	108
Farm Checklist	136
CHAPTER 6 ROOFTOP AGRICULTURE INDUSTRY (LARGE-SCALE)	156
Inspirational rooftop networks	156
Industry Checklist	182
CHAPTER 7 POTENTIAL HOTSPOTS	208
Chicago, IL	212
Philadelphia, PA	214
Portland, OR	216
San Francisco, CA	217
New York, NY	218
Vancouver, BC, Canada	220
Toronto, ON, Canada	221
Montreal, QC, Canada	222
Regional Synthesis	224
CHAPTER 8 THE PATH TO MARKET	226
GLOSSARY	235
ENDNOTES	243
BIBLIOGRAPHY	249
INDEX	256
ABOUT THE AUTHOR	261