

Contents at a Glance

.....

<i>Introduction</i>	1
<i>Part I: Choosing Chickens</i>	7
Chapter 1: The Joy of Chickens.....	9
Chapter 2: Basic Chicken Biology and Behavior.....	21
Chapter 3: A Chicken Isn't Just a Chicken:Your Guide to Breeds.....	39
Chapter 4: Buying Chickens.....	55
<i>Part II: Housing Your Flock</i>	73
Chapter 5: Choosing Your Housing Type	75
Chapter 6: Designing and Constructing a Coop	99
Chapter 7: Coop, Sweet Coop: Furnishing and Housekeeping	123
<i>Part III: Caring for Your Flock: General Management</i>	139
Chapter 8: Feeding Your Flock.....	141
Chapter 9: Controlling Pests and Predators.....	165
Chapter 10: Keeping Your Flock Happy and Healthy	181
Chapter 11: Handling Health Problems.....	199
<i>Part IV: Breeding: From Chicken to Egg and Back Again</i>	221
Chapter 12: Mating Your Chickens	223
Chapter 13: Incubating Eggs and Hatching Chicks	243
Chapter 14: Raising Chicks	273
<i>Part V: Special Management Considerations</i>	297
Chapter 15: Managing Layers and Collecting Eggs.....	299
Chapter 16: Raising and Butchering Meat Birds.....	323
<i>Part VI: The Part of Tens</i>	357
Chapter 17: More than Ten Tips for Keeping Healthy, Stress-Free Chickens	359
Chapter 18: More than Ten Misconceptions about Chickens, Eggs, and So On....	365
<i>Index</i>	371

Table of Contents

.....

***Introduction* 1**

About This Book	1
Conventions Used in This Book.....	2
What You're Not to Read.....	2
Foolish Assumptions.....	2
How This Book Is Organized	3
Part I: Choosing Chickens	3
Part II: Housing Your Flock.....	3
Part III: Caring For Your Flock: General Management	4
Part IV: Breeding: From Chicken to Egg and Back Again	4
Part V: Special Management Considerations	4
Part V: The Part of Tens.....	4
Icons Used in This Book	5
Where to Go from Here.....	5

***Part 1: Choosing Chickens* 7**

Chapter 1: The Joy of Chickens 9

First Things First: Dealing with the Legal Issues	9
Knowing what info you need	10
Finding the info	11
Confronting restrictions.....	12
Assessing Your Capabilities: Basic Chicken Care and Requirements	13
Time.....	13
Space	14
Money.....	14
Focusing Your Intentions: Specific Considerations	15
Want eggs (and, therefore, layers)?	15
Thinking about home-grown meat?	16
Enticed by fun and games or 4-H and FFA?	18
Considering Neighbors	18

Chapter 2: Basic Chicken Biology and Behavior 21

Familiarizing Yourself with a Chicken's Physique.....	21
Labeling a Chicken's Many Parts	23
Checking out the differences.....	23
Honing in on the head and neck	24
Checking out the bulk of the body	27

**Raising Chickens For Dummies**

Looking at the legs and feet.....	27
Checking out chicken skin.....	27
Finding out about feathers.....	28
A Picture of Health.....	30
On Chicken Behavior.....	31
Processing information.....	32
Communication.....	32
Table manners.....	33
Sleeping.....	34
Socializing.....	35
Romance.....	36
The celibate hen — living without a rooster.....	36
New life.....	37
Bath time.....	38

Chapter 3: A Chicken Isn't Just a Chicken: Your Guide to Breeds . . . 39

What You Need to Know: A Brief Synopsis.....	40
Common breed terminology.....	40
How breeds are categorized.....	42
For Those Who Want It All: Dual-Purpose Breeds.....	43
For Egg-Lovers: Laying Breeds.....	44
White-egg layers.....	44
Brown-egg layers.....	46
Colored-egg layers.....	48
Best Breeds for the Table.....	49
Show Breeds.....	51
Perfect for Pets: Bantam Breeds.....	52
Heritage and Rare Breeds.....	53

Chapter 4: Buying Chickens 55

Planning Your Flock.....	55
Deciding what you'll start with: Eggs, chicks, or adults.....	56
Choosing the gender.....	58
Getting the right number of chickens.....	59
Counting the Costs.....	60
Starting with Chicks.....	61
Where to get chicks.....	61
When to buy chicks.....	65
What to look for.....	65
Handling chicks.....	68
Starting with Adults.....	69
Where to buy adult chickens.....	69
What to look for.....	69
Transporting your birds safely.....	71

Part II: Housing Your Flock..... 73**Chapter 5: Choosing Your Housing Type 75**

What a Chicken Needs in a Home.....	76
Shelter from wind and rain.....	76
Protection from predators.....	76
Temperature control.....	77
Enough space to move about normally.....	78
Sufficient lighting.....	79
Fresh air.....	80
Clean surroundings.....	81
Surveying Your Housing Options.....	81
Raising chickens in cages.....	82
Keeping birds cage-free, but indoors-only.....	84
Pairing a shelter with a run.....	84
Offering shelter with free-range access.....	85
Looking at small, all-in-one units.....	87
Considering hoop or A-frame housing.....	88
Mobile housing methods: Pastured poultry.....	89
The duplex.....	92
The chicken garden.....	93
Choosing a Type of Housing.....	94

Chapter 6: Designing and Constructing a Coop 99

To Repurpose, to Build, or to Buy? That Is the Question.....	100
Checking on housing restrictions.....	100
Making do with what you've got.....	101
Building from scratch.....	101
Buying pre-fab-ulous coops.....	103
Choosing the Right Location.....	105
Form and Function: The Basic Coop Blueprint.....	107
Coop size and shape: Giving your birds some breathing room.....	107
Ventilation: Allowing fresh air to flow.....	108
Roost and relaxation.....	108
Feathering their nests.....	111
Miscellany: What more could you possibly want?.....	114
Wiring, Fixtures, and Other Important Amenities.....	115
Providing the hookups (electrical, that is).....	115
Lighting up.....	115
Baby, it's cooold outside!.....	117
Keeping it cool.....	117

Being Mindful of Materials.....	118
Getting to the bottom of flooring.....	119
Constructing the frame.....	119
Wrapping your head around fencing.....	120
Supporting fencing with posts.....	121

Chapter 7: Coop, Sweet Coop: Furnishing and Housekeeping. . . . 123

Bedding Down.....	123
Making Nests Comfy and Cozy.....	125
Setting the Table and Crafting a “Pantry”.....	126
Feeding containers.....	126
Watering containers.....	128
Storing feed properly.....	130
Cleaning House.....	132
Gathering cleaning supplies.....	132
Seeing what you need to do and when.....	134
Disposing of manure and old bedding.....	136

***Part III: Caring for Your Flock:
General Management..... 139*****Chapter 8: Feeding Your Flock..... 141**

Feeding Basics.....	141
Understanding why you need to manage your birds’ diet.....	142
Knowing what nutrients chickens need.....	144
Comparing your feed options.....	147
Things to avoid feeding chickens at all costs.....	153
Choosing the Right Commercial Feed.....	154
Demystifying commercial rations.....	155
Selecting a form of feed.....	157
Double-checking the label.....	158
Supplementing Diets with Grit.....	159
Deciding When to Put Out Feed.....	160
Determining How Much to Feed.....	161
Keeping the Diet Interesting by Offering Treats.....	161
Hydrating Your Hens (and Roosters).....	163

Chapter 9: Controlling Pests and Predators 165

Keeping Pests from Infesting the Coop.....	165
Preventing pests.....	165
Identifying and eliminating common culprits.....	166

Fending Off Predators	170
Providing safe surroundings	171
Recognizing common chicken predators	172
Figuring out who's causing trouble	177
Catching the troublemaker	179
Chapter 10: Keeping Your Flock Happy and Healthy	181
Taking Basic Precautions to Protect Your Flock	181
Dealing with heat, cold, and dampness	182
Safely handling your birds	183
Keeping your chickens from eating poisons	184
Catching Chickens	185
Carrying and Holding Chicks and Chickens	187
Preventing Illness and Disease	188
Giving vaccinations	188
Putting up barriers against parasites	190
Quarantining new birds or those that have been off your property	190
Diffusing Stress	191
Managing the molt	191
Introducing new birds carefully	192
Discouraging bullying behaviors	193
Employing Optional Grooming Procedures	194
Marking birds for easy identification	195
Trimming long, curled nails	195
Trimming wings and other feathers	196
Finding a Good Vet, Just in Case	197
Chapter 11: Handling Health Problems	199
Treating Injuries	200
Giving your bird the once-over	200
Keeping an injured bird safe	200
Skin injuries, cuts, and puncture wounds	201
Foot sores (also known as bumblefoot)	202
Head injuries	203
Broken legs or wings	204
Frostbite	205
Egg binding	205
Getting Rid of Parasites	206
Internal parasites	207
External parasites	209
Recognizing and Dealing with Disease	212
Checking for signs of disease	212
Making decisions about treatment	216
Administering Medications	217
Encountering Death	218

***Part IV: Breeding: From Chicken to Egg and Back Again* 221**

Chapter 12: Mating Your Chickens223

Rooster or Hen?	223
Sexing young chickens	224
Sexing mature chickens	226
Reviewing the Reproductive System.....	227
Roosters	228
Hens	228
How an egg is formed	230
Sperm Meets Egg: Fertilization	230
Reproductive Behavior	231
Courtship and mating.....	231
Nesting and brooding behavior	232
Mating Methods	233
Flock mating	233
Pair and trio mating.....	234
Artificial insemination	235
Selecting Birds for Breeding.....	235
Choosing the right combinations	235
Producing purebred chickens	236
Producing hybrids	238
Producing sex/color-linked colors.....	239
Getting Birds Ready to Breed.....	240
Feeding future parents	240
Lighting and temperature	241
Feather trimming	242

Chapter 13: Incubating Eggs and Hatching Chicks 243

Making More Chicks: Incubation Basics	244
Choosing Your Hatching Method	245
Looking at the two methods: Hens versus incubators	245
Determining which method is best for you	246
Letting Mother Nature Do It: The Hen Method of Incubation.....	248
Understanding why some hens brood, and others don't.....	248
Encouraging your hens to brood	249
Adding eggs to the nest.....	250
Giving a sitting hen what she needs	251
Caring for a hen and chicks	252
Going Artificial: The Incubator Method	255
Choosing an incubator	255
Accessorizing your incubator	257
Setting up and caring for your incubator	258
Finding and storing fertile eggs.....	260
Caring for eggs in the incubator	263

Looking Inside the Egg.....	264
Egg ultrasound: Candling an egg.....	265
Knowing what to look for: Stages of embryonic growth.....	266
Hello, World! Hatching Your Eggs	268
Playing doctor: Helping a chick hatch	269
The bad hatch: When things go wrong.....	270

Chapter 14: Raising Chicks.....273

The Basics of Brooders.....	274
When chicks need a brooder.....	274
Brooder size and shape	275
Getting the temperature just right.....	275
Gauging temperature by your chicks' behavior	276
Lighting the brooder	277
Brooder bedding.....	278
Buying a commercial brooder.....	278
Making Your Own Brooder.....	279
Building the body of the brooder	280
Heating the brooder	281
Putting safety first.....	283
Helping a Hen Provide Warmth and Protection	284
Feeding and Watering Chicks.....	285
Choosing a starter feed.....	285
Considering medicated feed.....	286
The feeding process	286
You can lead a chick to water	287
Raising Chicks in Your Brooder.....	288
What to do the first hour	288
The first few days.....	289
Trimming beaks	291
Preventing disease.....	291
Watching the Stages of Growth	292
One month: Tween-agers	292
Six weeks to maturity: Teenagers	293
I'm a big chicken now: Young adulthood.....	293
Chicks and Children	294
Human health issues	295
Teaching proper handling	295

Part V: Special Management Considerations..... 297

Chapter 15: Managing Layers and Collecting Eggs.....299

Knowing What to Expect from Your Hens.....	299
The layer's life cycle.....	300
Internal factors that influence laying	301
External factors that influence laying	301

Managing Your Hens' Laying Years.....	302
Getting young hens ready to lay	302
Helping your pullets avoid stress	303
Providing encouragement.....	303
Using lighting to encourage laying to start.....	304
Encouraging Egg Production After It Has Begun	304
Providing supplemental lighting to keep hens laying	304
Keeping up a routine and minimizing stress	305
Retiring old birds when the laying days are done.....	306
Collecting, Cleaning, and Storing Eggs.....	306
Getting your eggs in one basket.....	307
Cleaning your cache	308
Assessing Egg Quality	309
Parts of an egg.....	309
Looking at the outside.....	310
Looking at the inside	312
Storing and Handling Eggs.....	314
How to store eggs	314
Eggs to discard.....	315
What to do with excess eggs	315
Dealing with Production Problems and Bad Habits.....	316
Addressing the failure to lay	316
Bringing order to hens that lay all over the place.....	318
Getting a broody hen to go back to laying	320
Handling hens that break and eat eggs.....	321

Chapter 16: Raising and Butchering Meat Birds323

Raising Meat Chickens	323
Looking at the three main approaches to raising meat birds.....	324
Choosing the right chickens.....	325
Choosing the right time of year to raise chickens.....	327
Deciding how many chickens to raise.....	328
Caring for meat chickens	329
Planning for D-Day.....	333
Knowing when your birds are ready	334
Deciding whether to hire a butcher or do it yourself	334
Hiring Out the Butchering	337
Finding a butcher	337
Knowing what to expect.....	338
Preparing to Do the Deed Yourself	339
Choosing the location	340
Gathering equipment and supplies	340
Following the Play-by-Play of Butchering Day	344
Beginning with the kill.....	344
Removing the feathers	347
Cleaning and inspecting the bird.....	348

Packaging Home-Butchered Poultry	352
Rinsing and checking the chicken	353
Cutting the chicken in a usable fashion	353
Selecting suitable packaging products	354
Packing it in	354
Avoiding freezer overload	355
Taking advantage of some freezer tips	355
 <i>Part VI: The Part of Tens</i>	357
 Chapter 17: More than Ten Tips for Keeping Healthy, Stress-Free Chickens	359
Choose the Right Breed for Your Needs.....	359
Set Up Suitable Housing.....	360
Supplement Lighting when Needed.....	360
Control Pests.....	361
Protect Against Predators	361
Control Parasites	362
Vaccinate	363
Feed a Well-Balanced Diet	363
Make Sure You Provide Enough Clean Water	364
Beware Disease-Transmitting Dangers	364
Use Quarantines Whenever Necessary.....	364
 Chapter 18: More than Ten Misconceptions about Chickens, Eggs, and So On	365
Bird Flu Is a Risk to Reckon With	365
You Can't Raise Chickens if You Live in the City	366
Roosters Crow Only in the Morning.....	367
You Need a Rooster to Get Eggs.....	367
Keeping Chickens Penned Is Inhumane.....	367
Chickens Are Vegetarians.....	368
Big, Brown, Organic Eggs Are Best in Taste and Quality	368
Fertilized and Unfertilized Eggs Are Easily Distinguishable	369
Egg-Carton Advertising Is the Absolute Truth.....	369
Chickens Are Good for Your Garden.....	370
Chickens Are Dumb and Cowardly.....	370
 <i>Index</i>	371

xviii

Raising Chickens For Dummies
