



## How to make the transition from your house to theirs

Baby chicks can be placed outside on a nice warm day with someone watching them. If your fully enclosed and run is ready, place them in there but bring them inside before it gets cold.

Chicks should be fully feathered before living outside.

If you get your chicks in March and April, at 6 weeks of age and fully feathered, the weather should be warm enough to put out in their new house.

First week you may need to put them on the roosts.



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## Housing requirements for when the chicks leave their nice warm house (yours) to the outside.

The chicken coop- a place where your hens can be kept comfortable in all kinds of weather. This is where they sleep and hang out when it rains or is windy.

 Construction should be solid, tight, and well ventilated. Should have a roof and wire floor. Protect your girls from dogs, coyotes, raccoons, skunks, and birds of prev.

•Provides protection from predators in the design of doors, windows, roof and floor. Night time wildlife in the cities is a real issue.

•Provide space for roosts, - plan on about 10" per bird 2" dia. poles for roosts. Several heights and 10" apart.

•Egg/nest boxes, 1 box for every 4-5 hens.

•Allow 3 square feet per chicken.

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### Housing requirements for chickens

The chicken run or yard- attached to the chicken coop that allows access to the outside world.

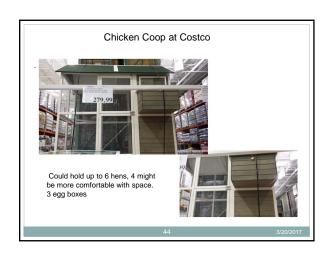
- •Recommend that it be fully enclosed top and bottom, secured.
- •Should have water and feed.
- •Provide straw or weed trimmings for scratching around.
- Can be as large as you want. Keeps chickens from your garden.
- •Location, location, location. Check with your City about any set backs. Do your neighbors like chickens?



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#### Egg boxes or nests

Egg boxes should be part of the coop design. Some designs allow access to the egg box from outside the coop.

- •Provide access to egg boxes starting at 18 to 20 weeks ( 126-140 days)
- •Medium size birds like Leghorns can use 12" x 12" x 12" box.
- •Larger breed bird such as Rhode Island Red use a 14" x 14" 14" box
- Provide straw inside the box and keep the egg boxes clean
- •Don't allow birds to sleep in boxes







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#### When a chick is a pullet then a hen

- •Female chicks are called pullets when they are fully feathered and under 1 year of age.
- •Pullets start laying between 16 and 25 weeks. Sunset's first batch of pullets started laying at 150 days (April chicks, September eggs)
- •Pullets are called hens after 1 year old.
- Pullets start out laying smaller eggs and as they get older will produce a larger egg.

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#### How many hens should I get???

- •Chickens are social animals, get at least 2 chicks/hens.
- •Base your chick/hen purchase on how many eggs you want. How many in your family will want eggs everyday? (everyone will when they first start)
- •3 hens can produce 2 eggs a day for the first year, some figure 1 hen can lay an egg every 1-4 days. Some days every girl will lay.
- •Pullets start laying between 16 and 25 weeks. Sunset's first batch of pullets started laying at 150 days ( April chicks, September eggs)
- Egg production peaks between 1-2 years.
- •Don't overcrowd your chicken coop or yard.
- •Don't forget- those cute little chicks will soon be much larger hens.

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#### The first year of a hen



Hens need about 14 hours of daylight to produce eggs. (they do not need a rooster to lay eggs)

Hens lay eggs on about a 25 hour cycle.

As a hen start laying eggs she will lose body color (bleaching) as her pigment goes into the yolk color.

Egg yolks get their color from Xanthophyll, a natural yellow-orange pigment in green plants and yellow corn. It also colors the skin and legs.

Some feeds will affect yolk color and produce darker yolks.

The first year a hen will not molt (replace feathers) but reduced sunlight in the winter months may reduce the number of eggs that she lays.

In the late summer/fall of their 2<sup>nd</sup> year hens will begin to molt and will reduce or stop laying so that they can produce new feathers.

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Spring and summer bring longer days and production should pick up the  $2^{\mbox{\scriptsize nd}}$ year up until fall.

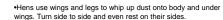
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 $2^{\rm nd}$  winter hens may decide to stop laying but will usually start back up in the spring/summer.  $\blacksquare$ 

Always keep your coop clean and your girls will stay healthy

#### Spa time for hens

- •Hens love to take dust baths.
- •Use dry, loose dirt in shallow bowls or holes
- •Usually in full sun, and warm weather.



- •Dust particles discourage pests (mites and lice)
- ·Hens shake off and preen
- •Uses her beak to pull preening oil from the base of her tail.
- Replaces old oiled feathers with new oil.



#### Recipe for spa bath (real dirt works fine too!)

- •1 part fine sand.
- •1 part fireplace or wood stove ashes.
- •1 part garden soil (not potting soil, nothing with fertilizers).
- •1 part diatomaceous earth (100% food grade quality, not the
- •Mix together and fill a wood frame box 2/3 full.
- •Place on the ground, in a sunny dry spot.
- •Add more mixture as it gets used up.

Recipe by Kristina Mercedes Urquhart from "The Anatomy of a Dust Bath" Chickens Magazine, Summer 2011

#### What to do with sick chickens

- . How do you know the girls are not feeling well? •Ruffled feathers.
- •Quite, moves away from the flock
- •Changes in comb/waddle color. (turns purple, darker)
- •Sneezing.
  •Abnormal stool
- •Loss of appetite.
  •Visible mites.
- •Remove sick hen from flock, treat individually

Refer to "The chicken Health Handbook" by Gail Damerow. Call a local vet

Dr. Hilary Stern, DVM Animal Hospital of Soquel

For the Birds

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Keep the hen house clean, change nest box straw, and floor straw

Keep informed about Avian Influenza (the bird flu)

# Backyard chickens- a complete recycling circle for a Gardener!

#### Wrap up

- Chicken breeds, varieties, egg shell color
- Big, little, egg laying hen, or meat, or show
- chicks or young pullets
- · New chick care, brooder, water, feed
- Coop design, egg boxes, roosts,
- Chicken runs
- Pullets to hens
- **Gardening Practices**



