

OSU EXTENSION SERVICE

Klamath Basin Research & Extension

Grow It, Cook It, Like It

Farm to School and Nutrition Education Program



Oregon State
University

Egg Production

Q: What Happens At The Chicken farm?



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What does the process at a chicken farm starts with?

Chicks like the ones we hatched will go to the farm at 18 weeks.



Hens will start to lay eggs at 20-22 weeks old.



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The eggs will go on a accumulator.
The accumulator will split the eggs into
groups.



Next the eggs will go through the Orientation process, this is where the eggs are placed in the same direction.



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Next the eggs are washed and sanitized



Now they will go through the candling process.
This is when the egg are inspected for internal imperfections.



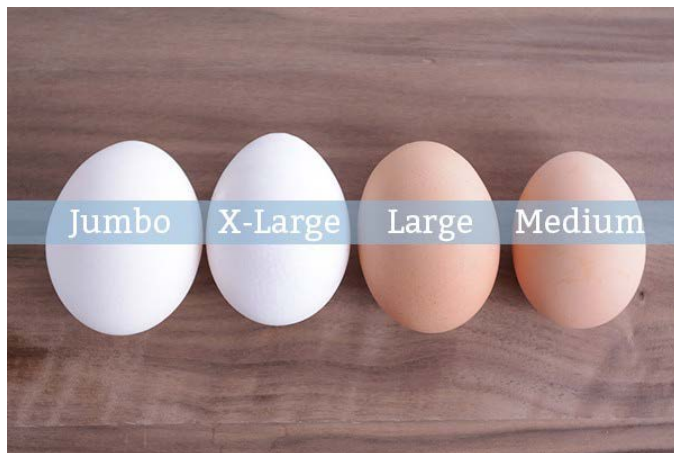
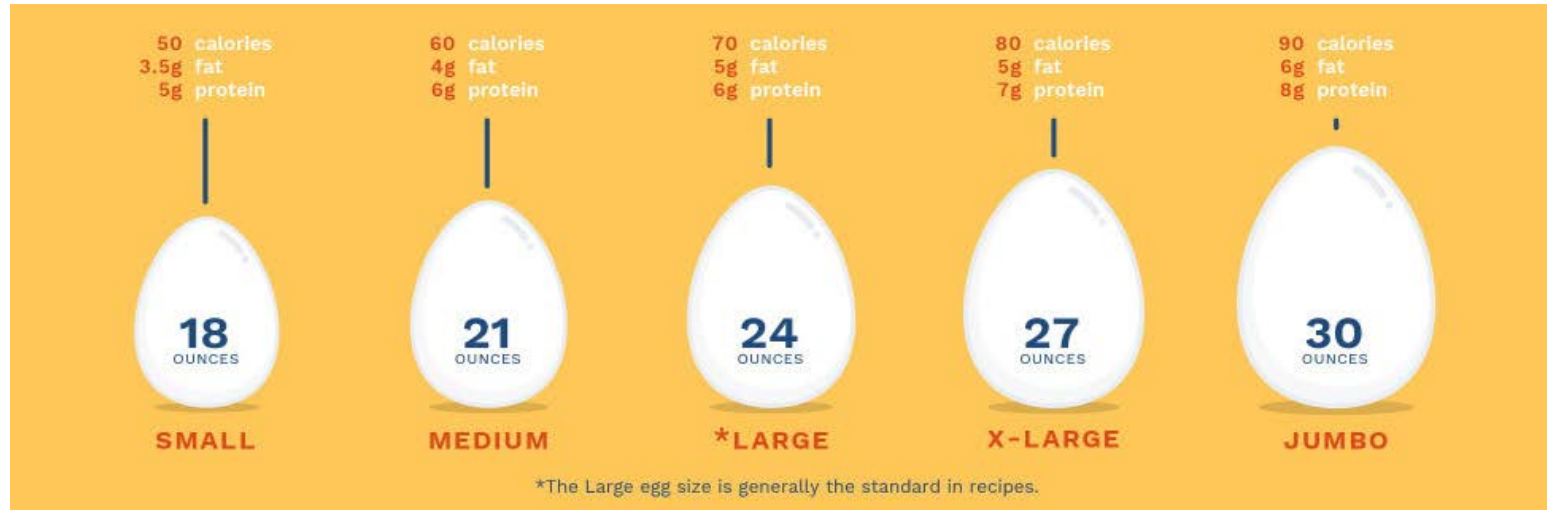
Eggs are also inspected for microcracks, microcracks are not easily seen.

Crack detectors check the eggs sonically, tiny probes tap the egg and listen for the sound it makes.



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The eggs are now put into cartons and sorted by size. Then shipped to stores



The following video has some interesting facts on egg production in Oregon

- https://www.youtube.com/watch?time_continue=254&v=XloI3ZQVprM&feature=emb_title

<https://oregonstate.app.box.com/file/671178553587>

Use the link above to complete the activity for this week
After watching the video



Name _____

Oregon Egg Production Video Questions

- 1) Who brought the first hens to America that are closely related to the hens in today's egg production?
- 2) How many eggs a year does an average chicken lay?
- 3) Label the processes in order from when the hen lays the egg to when the egg is ready to be shipped to stores.
____ Orientation process, ____ Washed and Sanitized, ____ Accumulator,
____ Put in to cartons, ____ Hens lay eggs, ____ Candling Process
- 4) What does the candling process accomplish?
- 5) How long does it take for the eggs to go from the lay to the pallet where they then are shipped to the stores?
- 6) What types of regulations do egg producers have to follow?

Thank you!
We hope you had fun learning
about Chickens!

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<http://workspace.oregonstate.edu/klamathfood>
<https://extension.oregonstate.edu/kbrec>



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Klamath Basin Research
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References, Learning Objectives & Science Standards

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Overall Program Learning Objectives:

1. Label and name the parts of an egg
2. Understand incubation
3. Define the parts of an egg
4. Candling an Egg

Hatching Science with Classroom Chicks 3rd Grade:

LS1 Vocabulary

Understanding terms used in chick hatching.

LS1 Eggology

Students will identify what incubation is .

National Agriculture in the Classroom

Eggology

Identify how the basic needs of a growing chick are met during egg incubation

Chicken and Eggs

Oregon Agriculture in the Classroom

Egg Production and Nutrition Video