

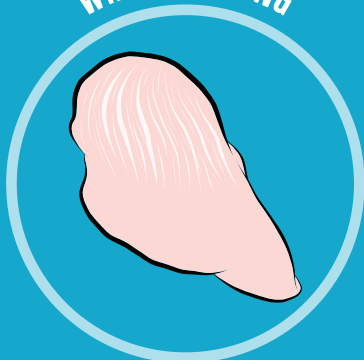


# SCIENCE BEHIND THE NEW PROBLEM IN VISUALLY UNAPPEALING CHICKEN BREASTS

## BREAST MEAT STRUCTURAL PROBLEMS

The genetics of fast-growing breeds has been linked to unappealing structural problems in breast meat. These issues have led to consumers buying less breast meat and an income loss for producers. Below are the common problems.

### WHITE STRIPING



White stripes in breast meat.

### WOODEN BREAST



Tough, hard meat.

### SPAGHETTI MEAT



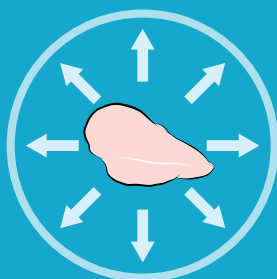
Stringy, loose meat.

### BREAST VESSELS



**NEW!**

## MORE MUSCLES, MORE PROBLEMS.



### WHY?

Why do the breast vessels exist on the meat? Genetics has led to birds with larger breast muscles. These larger tissues require more blood flowing to the area.



### HOW?

These blood vessels are surrounded by fatty tissue, and have developed to help blood flow to the large breast tissues.



### WHAT?

The unappealing spot on the breast meat is what scientists have named the breast vessel. The specialized blood vessels help supply blood to the large breast meat tissues.

## SOLUTIONS & NEXT STEPS



The first step is identifying the cause of these imperfections and then defining them.

Once identified, researchers can begin looking into ways to resolve the issue. In the case of breast vessels, how can blood flow be provided to the breast tissue without the vessel appearing on breast meat?



*Lab to Farm* Infographics are compiled by the Poultry Science Association based on scientific research published in the organization's peer-reviewed journals.

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