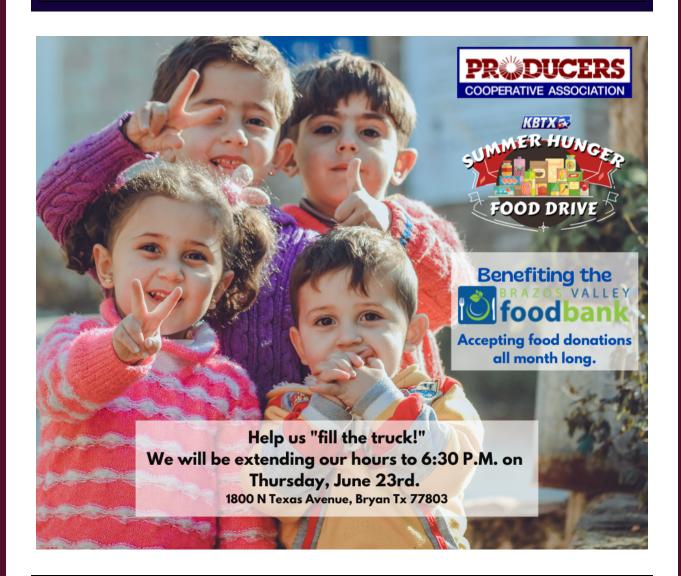


### Proudly owned by farmers and ranchers since 1943.







## **Heat Stress in Chickens**

Birds are subject to heat stress when heat and humidity reach high levels they are not accustomed to. Heat stress in poultry can result in increased water intake, excessive panting, and eventually death.

### **Keeping Birds Cool**

#### **Provide Ventilation**

Adequate airflow at the bird's level is key to eliminating heat. Increasing ventilation when possible should be your first priority.

#### Managing Water

Birds will drastically increase their water intake when experiencing high heat. Sufficient, cool, and fresh water supply will keep the birds hydrated.

#### Feeding

Birds are often hungriest in the morning, and will usually fill up when fed then. This makes them more prone to heat stress in the afternoon when temperatures are at a peak. Withdrawing feed 6 hours before peak temperatures can reduce the risk of heat stress.

#### Using Electrolytes

Heat stress causes increased loss of several minerals including potassium, sodium, phosphorus, magnesium and zinc. Adding electrolytes to their water will continue to keep them hydrated despite the mineral loss.

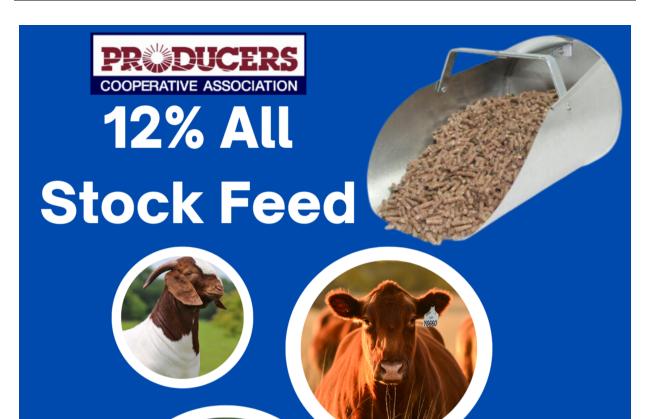
#### Supplementing Vitamins

Supplementing drinking water with vitamins A, D, E and B complex can be effective at tackling heat stress mortality in broilers. In breeding poultry, vitamin C can effectively moderate warm temperature declines in egg production and eggshell quality in laying hens, and sperm production in breeder males.

The above information was gathered from the University of Minnesota Extension website.

Contact Producers Cooperative for more information and assistance regarding health and preventatvie measures for your poutry.

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A high fiber, 12% feed formulated to provide a safe maintenance ration for your cattle, horses, goats, and sheep. Producers' All Stock Pellet is a convenient, economic option for your farm or ranch, and is recommended to be supplemented with free choice minerals.

Contact Producers Cooperative for more feeding and nutritional information regarding our 12% All Stock Pellet.

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# From The Ground Up

From The Ground Up educates our friends and neighbors in the Brazos Valley about agriculture and its impact on their everyday lives. Be sure to watch our weekly televised segment at approximately 6:15 am on Thursday or during the Saturday 6 o'clock evening news on KBTX-TV 3, Bryan-College Station's CBS affiliate.

Producers Cooperative Association is teaming up with the Brazos Valley Food Bank to save produce that do not make it to the grocery shelves and hope to open the eyes of consumers and not let farmers hard work go unnoticed.



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