

## Nickels for Know-How Makes Good Sense!

The Nickels for Know-How referendum began in 1951. It has been approved every six years since then – by more than 90% – because it made good sense. I believe it still makes good sense today.

Most of our state's advances in agricultural research have utilized "Nickels" funds. So have the educational programs that help tomorrow's farmers get into NC State. And every county benefits from our Cooperative Extension agents and programs.



Your vote on November 17 can help fund the vital research and important programs that make North Carolina a great agricultural state.

**John Dole**, Interim Dean,  
College of Agriculture and Life Science, NC State

### How it began

Farmers started Nickels for Know-How in a referendum held November 3, 1951. The General Assembly authorized a vote on this self-help program after it had been requested by the North Carolina Farm Bureau and the NC State Grange.

### How it works

Manufacturers originally added a nickel – five cents – to the price of their feed and fertilizers to support the referendum. Over time, the amount collected has increased to 15 cents.

### Who can vote

If you or your family buy feed or fertilizer, you can vote. Consumers decide every six years if they wish to continue the program. If two-thirds of the voters vote "Yes" in the referendum, the Nickels for Know-How program will continue for another six years.

### Where to vote

Polling places will be established in each county. A list of polling places can be obtained from your county Cooperative Extension Service Center. Every County Center will have at least one polling place onsite. The referendum is Tuesday, November 17, 2022.

## Nickels for Know-How: A self-help program for farmers

Nickels for Know-How is a 65-year-old voluntary assessment on feed and fertilizer produced and purchased in North Carolina.

North Carolina's Department of Agriculture and Consumer Services collects the money from the manufacturers of feed and fertilizer. Manufacturers build the cost – three nickels per ton – into the price of their products.

The money is transferred to the North Carolina Agricultural Foundation. The funds are then used to support research, teaching and extension projects at NC State University.

The Foundation's board of directors allocates the funds. The Foundation includes farmer members from each county, as well as agribusiness leaders who approve each proposal for support from faculty at NC State.

Voters can renew this program on November 17th. By voting "Yes" they will assess 15¢ for each ton of feed and fertilizer they purchase.

**Nickels for Know-How raises  
about \$1.4 million annually.**

**That's about  
\$40 per farm for research.**

**Supporting Nickels for Know-How  
keeps a good thing growing!**

### 2022 Nickels for Know-How Referendum Co-Chairs

Shawn Harding, President,  
North Carolina Farm Bureau

Jimmy Gentry, President,  
N.C. State Grange

Kelly Powell-McIver, Chair,  
NC Agricultural Foundation, Inc

**NC STATE  
UNIVERSITY**

NC Agricultural  
Foundation

Sonia Murphy, President  
919.515-9262 ■ [shmurphy@ncsu.edu](mailto:shmurphy@ncsu.edu)



# Nickels for Know-How

 **VOTE!**

**November 17, 2022**

Supporting NC State's  
agricultural research,  
teaching and Extension

**NC STATE  
UNIVERSITY**



## How Nickels for Know-How Has Helped

Nickels for Know-How funds help rural agricultural students come to—and stay at—NC State. CALS Spend a Day at State program, Student Ambassadors program, workshops for high school vocational agriculture teachers, on-campus internships and annual scholarships are all funded by Nickels.

Nickels support helped the college raise funds for nearly 900 endowments valued at more than \$135 million. That provides over \$1 million in scholarships to 620 undergraduate students each year.

Nickels provides operating support for the College of Agriculture and Life Sciences including NC State Extension, Academic Programs and the North Carolina Agricultural Research Service.

Nickels supports ag commodity, leadership and legislative efforts through its support of agricultural awareness campaigns, CALS commodity relations activities and the annual CALS Tailgate—NC State's largest alumni and friends event.

These are just a few of the ways Nickels for Know-How works to support North Carolina (N.C.) farmers and agribusinesses. Help continue these good works by voting on November 17, 2022. For information on where to vote in your county, please contact your County Cooperative Extension Service Office.

- > Converting toxic infected tall fescue pastures to non-toxic infected tall fescue; influence on cattle, plants and soil
- > Enhancing gut health of nursing piglets and sow longevity with innovative creep feeding program reducing overall production cost
- > Weaning strategy and diet effects on feed, gain and economic efficiency in calves
- > Strategies to reduce seasonality of milk production on southeastern dairy farms
- > A multifaceted approach to select for sow resilience and heat tolerance
- > Optimizing ventilation rates for tom turkeys
- > Measuring uniformity of emergence and growth rate on corn hybrids in the North Carolina official variety testing program
- > Development of industrial hemp for N.C.: fertility trials – year 2
- > Optimizing cover crop management to reduce troublesome pests for soybean production in N.C.
- > Developing weed management decision tools for agronomic and vegetable crops in N.C.
- > Supplemental fertilization strategies for high-yielding soybeans in N.C.
- > Maintenance of long-term soil test calibration trials of N.C.
- > Foliar leaf spot management in tobacco production

- > Addressing current issues associated with leaf spot control in peanuts
- > Topdressing poultry litter on growing soybean and corn to increase nitrogen use efficiency and reduce scheduling conflicts
- > Injecting swine manure into standing corn
- > Investigating deer management strategies for soybeans and cotton in N.C.
- > Helping tomato growers succeed: addressing the most important soil borne disease problems
- > Optimizing new products for disease control postharvest in sweetpotato for export
- > Stink bug abundance in N.C. soybean and baseline levels of insecticide resistance
- > Management of diamondback moth on N.C. brassica crops
- > Management of palmer amaranth in sweetpotato and across several N.C. crops
- > Development of improved southern and guava root-knot nematode screening methods to facilitate marker-assisted breeding in sweetpotato
- > Thermal imaging to predict apple preharvest drop potential
- > Integrating electrical weed control for palmer amaranth and guava root knot nematode control in cotton, cucumber, peanut and sweetpotato
- > Novel evaluation and rapid cloning methods for resilient new blueberry cultivars
- > Feed formulation and ingredient particle size conditions that enhances caloric uplift and enteric health by supplemental enzymes in corn-soy diets for turkeys
- > A comprehensive approach to identify treatment strategies for blackhead disease in turkeys and chickens
- > Improving N.C. soybean meal quality by understanding seed trypsin inhibitors
- > Understanding coxiosoma disease in turkeys



*Nickels for Know-How funds support NC State's ASPIRE program, which helps rural high school students who want to attend NC State's College of Agriculture and Life Sciences.*



*Nickels for Know-How funds support many new agricultural research projects at NC State.*



*Nickels for Know-How funds support Cooperative Extension in every county in the state. Extension puts NC State's research into action, providing farmers with new methods and products to grow and sell.*