

## **Center for Agricultural Technology (0182)**

DESCRIPTION OF COMMODITY OR SERVICE :	UNIT OF BILLING	FY 24/25 RATE	CUSTOMERS BEING SERVED
USE OF FACILITIES:			
Use of Laboratory space	per year/sq ft	\$28.30	Internal/External Customers
Use of Administrative bldg	per year/sq ft	\$15.85	Internal/External Customers
Use of Field laboratories	per year/sq ft	\$14.90	Internal/External Customers
PERSONNEL:			
Support Technician (data collection, fabrication, 3d printing, maintenance) Technical Specialist (statistical analysis, drone	per hr	\$45.00	Internal/External Customers
operation, CAD design, equipment setup and operation, mapping, hydraulic and electrical controls,	per hr	\$50.00	Internal/External Customers
troubleshooting, training) Professional Faculty (program development, experimental design, data acuisition and control system design, software development)	per hr	\$100.00	Internal/External Customers
Clerical (event coordination, data entry, office duties)	per hr	\$45.00	Internal/External Customers
OFFICE / VEHICLE:			
Use of Student Office	per day	\$7.50	Internal/External Customers
Use of Professional Office	per day	\$7.50	Internal/External Customers
Use of Lab	per day	\$100.00	Internal/External Customers



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Vehicle Use	per day	\$50.00	Internal/External Customers
Field Supplies	varies	varies	Internal/External Customers
FIELD CROP PRODUCTION FEES:			
Corn, soybean, sm. grain	per acre	\$650.00	Internal/External Customers
+ Irrigation	per acre	\$250.00	Internal/External Customers
Cotton, peanuts	per acre	\$900.00	Internal/External Customers
+ Irrigation	per acre	\$250.00	Internal/External Customers
VEGETABLE PRODUCTION FEES:			
Sweet potato, Southern peas, Sweet corn, Spring cucumbers, chick pea	per acre	\$2,500.00	Internal/External Customers
Lima beans, Snap beans, Fall cucumbers, Yellow squash, Greens	per acre	\$3,500.00	Internal/External Customers
Watermelon on plastic, Cantaloupe on plastic, Cabbage, Collards	per acre	\$5,000.00	Internal/External Customers
Tomatoes & pepper on plastic, Okra, green onions	per acre	\$11,500.00	Internal/External Customers
Strawberry on plastic	per acre	\$20,000.00	Internal/External Customers



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REPLICATED CROP TRIALS:			
Base fees indicated below (add crop production and optional discrete data collection fees)			
Field plot trial (includes trial setup, planting, fertilizer application, spraying, maintenance)	per plot	\$120.00	Internal/External Customers
Greenhouse trial (4 reps)	per treatment	\$130.00	Internal/External Customers
DISCRETE DATA COLLECTION			
Harvest observations:			
Animal feed analysis (NIR)	per sample	\$30.00	Internal/External Customers
Animal feed analysis (wet chemistry)	per sample	\$35.00	Internal/External Customers
+ Minerals	per sample	\$10.00	Internal/External Customers
Cotton gin turnout	per sample	\$15.00	Internal/External Customers
+ Fiber quality	per sample	\$10.00	Internal/External Customers
Peanut digging loss (above ground, 8 row-ft)	per sample	\$15.00	Internal/External Customers
+ Below ground loss (8 row-ft)	per sample	\$45.00	Internal/External Customers
Peanut inversion rating	per observation	\$10.00	Internal/External Customers



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Yield measurement	per sample	\$40.00	Internal/External Customers
+ Grain moisture content / test weight	per sample	\$15.00	Internal/External Customers
+ Peanut Grade	per sample	\$30.00	Internal/External Customers
+ Peanut moisture content (whole pod)	per sample	\$10.00	Internal/External Customers
+ Peanut moisture content (kernel)	per sample	\$15.00	Internal/External Customers
Plant health observations			
Canopy temperature	per sample	\$5.00	Internal/External Customers
NDVI (Greenseeker)	per sample	\$5.00	Internal/External Customers
Nodule count (roots)	per sample	\$15.00	Internal/External Customers
Plant tissue collection	per sample	\$5.00	Internal/External Customers
+ Fertility (nitrogen only)	per sample	\$10.00	Internal/External Customers
+ Fertility (standard)	per sample	\$10.00	Internal/External Customers
+ Fertility (orchard leaf)	per sample	\$20.00	Internal/External Customers



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Plant growth/maturity observations			
Aerial imagery	per sample	\$10.00	Internal/External Customers
+ Analysis (NDVI, % canopy)	per sample	\$5.00	Internal/External Customers
Node count	per sample	\$7.50	Internal/External Customers
Peanut maturity (pod mesocarp color)	per sample	\$15.00	Internal/External Customers
Plant biomass (above ground)	per sample	\$15.00	Internal/External Customers
Plant height	per sample	\$7.50	Internal/External Customers
Root biomass	per sample	\$15.00	Internal/External Customers
Stand count	per sample	\$7.50	Internal/External Customers
Stem diameter	per sample	\$7.50	Internal/External Customers
Pest/disease observations			
Damage rating (from sample)	per observation	\$15.00	Internal/External Customers
Damage rating (in situ)	per observation	\$10.00	Internal/External Customers
Foliar insect count (beat cloth or sweep net)	per sample	\$20.00	Internal/External Customers



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Soil observations			
Soil bulk density (4 in. core depth)	per sample	\$20.00	Internal/External Customers
Soil moisture content (in situ, Decagon probe)	per sample	\$5.00	Internal/External Customers
Soil sample collection	per sample	\$5.00	Internal/External Customers
+ Texture (sand/silt/clay)	per sample	\$10.00	Internal/External Customers
+ Fertility (standard/routine)	per sample	\$10.00	Internal/External Customers
+ Moisture content (oven-dried)	per sample	\$7.50	Internal/External Customers
+ Organic matter content	per sample	\$7.50	Internal/External Customers
+ Nematode count	per sample	\$25.00	Internal/External Customers
Soil strength (penetrometer)	per sample	\$10.00	Internal/External Customers
Soil temperature (in situ, thermocouple)	per sample	\$5.00	Internal/External Customers
SPATIAL DATA COLLECTION + MAPPING			
Aerial imagery (orthomosaic, 30 min flight time)	per flight	\$250.00	Internal/External Customers
+ Mapping (NDVI, % canopy)	per flight	\$50.00	Internal/External Customers
Aerial imagery (grid, 30 min flight time)	per flight	\$200.00	Internal/External Customers
+ Mapping (NDVI, % canopy)	per flight	\$100.00	Internal/External Customers
Cotton harvest / yield mapping	per ac	\$100.00	Internal/External Customers



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DESCRIPTION OF COMMODITY OR SERVICE :	UNIT OF BILLING	FY 24/25 RATE	CUSTOMERS BEING SERVED
Peanut harvest / yield mapping	per ac	\$75.00	Internal/External Customers
+ Digging	per ac	\$40.00	Internal/External Customers
Plant height mapping (25 ft between passes)	per ac	\$30.00	Internal/External Customers
Plant height mapping (50 ft between passes)	per ac	\$15.00	Internal/External Customers
Soil EC mapping (25 ft between passes)	per ac	\$30.00	Internal/External Customers
Soil EC mapping (50 ft between passes)	per ac	\$15.00	Internal/External Customers
CONTINUOUS DATA COLLECTION			
Soil moisture content (3 depths, 3 months)	per location	\$500.00	Internal/External Customers
Weather station (3 months)	per location	\$500.00	Internal/External Customers
MISCELLANEOUS			
Center pivot irrigation uniformity test	per pivot	\$250.00	Internal/External Customers
Statistical analysis (spatial data)	per test	\$250.00	Internal/External Customers
Statistical analysis (non-spatial data)	per test	\$100.00	Internal/External Customers
Travel to site (field equipment)	per mi (round trip)	\$10.00	Internal/External Customers
Travel to site (passenger vehicle)	per mi (round trip)	\$2.00	Internal/External Customers
+ Trailer	per mi (round trip)	\$1.00	Internal/External Customers
Truck scale use (delivery/setup/pickup only, operation ac	per day	\$150.00	Internal/External Customers
Yield monitor calibration	per calibration	\$250.00	Internal/External Customers