

Opening the Eyes of Many

Farming with a Visual Impairment

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NC AgrAbility Partnership Project
Maine AgrAbility Program
Grove Cattle Company
Grove Cattle Company



North Carolina AgrAbility Partnership Project

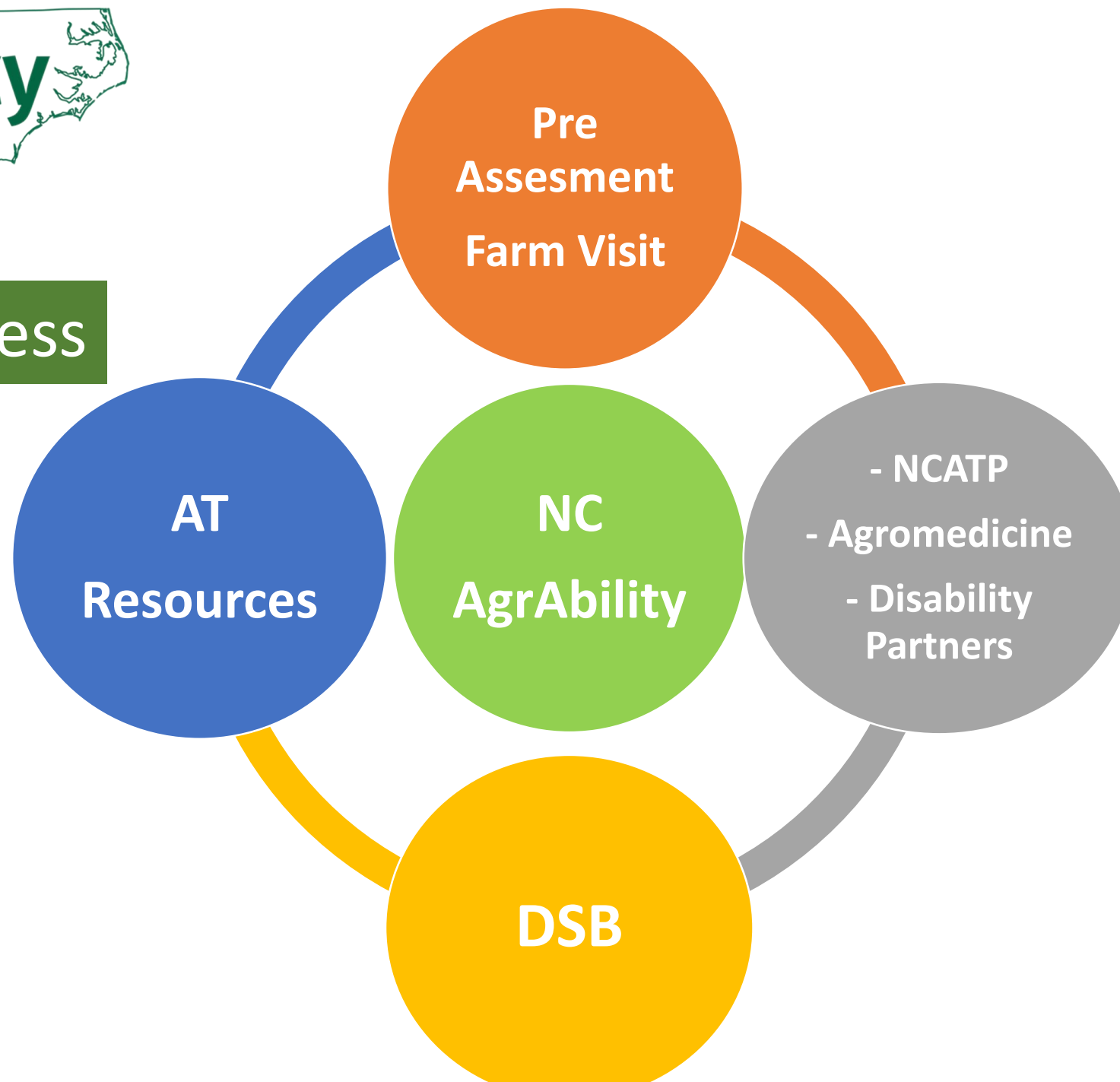


United States Department of Agriculture
National Institute of Food and Agriculture

- Funded in October 2011
- Four Year of the Second Grant
- Serving all 100 NC counties
- Involves Collaborative partnership
 - Land grant universities
 - Nonprofit disability service organizations.



Service Process



Resources

- NC Assistive Technology Program
- NCDHHS – Division of Services for the Blind
- NC Conference for the Visual Impaired and Blind
 - Early Learning Sensory Support Program for Children with Visual Impairment (ELSSP/VI)
 - Governor Morehead School for the Blind (GMS)
 - NC Central University Visual Impairment Teacher Program Training program
 - NC Department of Public Instruction Sensory Support and Assistive Technology (NCDPI)
 - National Library Service for the Blind and Physically Handicapped
 - Friends of the North Carolina Library for the Blind and Physically Handicapped
 - UNC Department of Allied Health Sciences

Agrability
National Training Workshop 2018

The Johnson Universal Farm



N.C. A&T Extension with
N.C. A&T Landscape Architecture
Tyron Alford, Ron Cubbage, Selah Grant

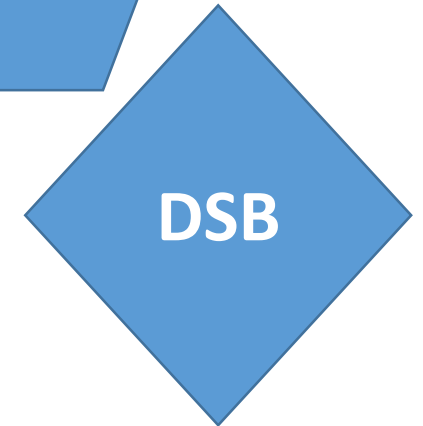
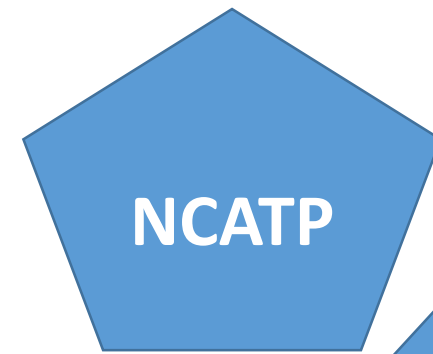
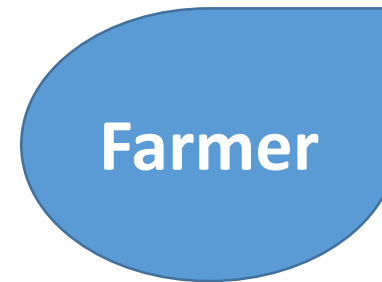
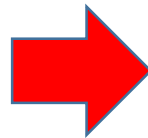
Portland, ME | March 19-22, 2018



Lessons Learned

- Advocating for the needs of farmers with disabilities
- Learning about the services provided by other organizations
- Bring all parties together to learn together

1. Intake and Pre Assessment



3. Farm Visit



Farm Assessment
Consumer Report

AT Report

Purchase of
recommended
technology

"I don't need eyesight to have vision."
Ron H.



"It's all an experiment, I don't learn as much from success as I do from failure."

Ron H.



Photos by Ellen Gibson





“Plucking” the trellis wires helps Ron locate the dried pods audibly.



Photos by Melissa & Ron Harwood





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GROVE
CATTLE
COMPANY



Who we are



...Who we are



How Meats Compare Nutritionally				
(Information based on 3.5 oz. serving)				
* Meats	Calories	Protein	Fat(gms)	Cholesterol(g)
Ground Beef	289	24.1	20.7	90.0
Lean Ground	272	24.7	18.5	87.7
Chicken,dk	205	27.4	9.7	93.8
Lamb Chop	216	30.0	9.7	95.8
Pork Loin	190	28.6	9.8	79.6
Pork Chops	202	30.2	8.1	82.7
Lamb Leg	191	28.3	7.7	89.7
Pot Roast	210	33.0	7.6	101.0
Venison	207	33.5	6.4	4.0
Turkey	170	29.3	5.0	76.6
Top Round	180	31.7	4.9	84.6
Chicken,wht	173	30.9	4.5	85.7
Longhorn	140	25.5	3.7	61.5

...Who we are



...Who we are



What we do

Texas Long Horn Cattle



...What we do

Equine

- Facility
- Operations



...What we do

Agritourism
and
Educational
Activities



...What we do



Challenges



...Challenges



Solutions



...Solutions



...Solutions

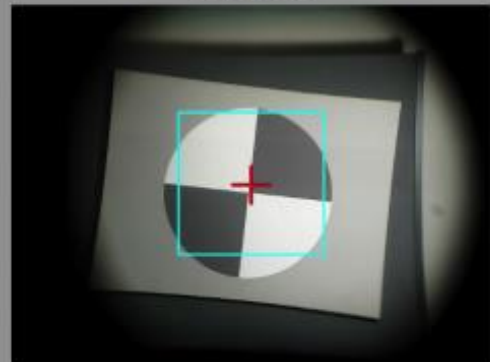


...Solutions

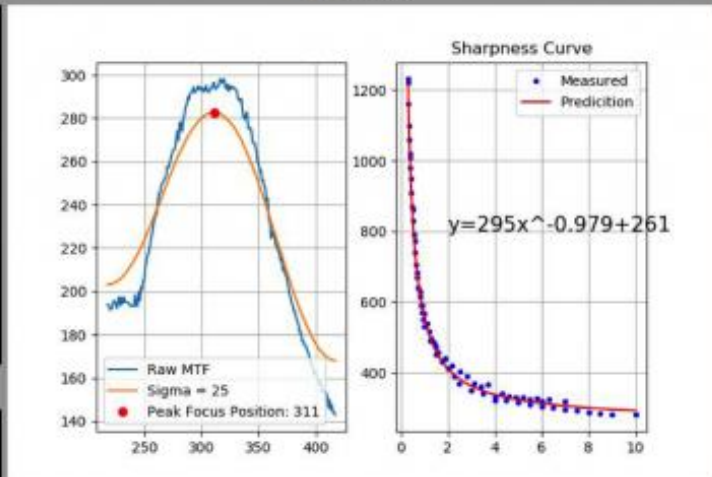
OCUTECH® VES® *FALCON* Autofocus Bioptic

Live Feed

Live Plot



Captured Image



☒ Show Plots
☒ Show Live Feed
☒ Show Captured Image

Current Position: 311

Target Position: 311

Distance from Target: 7.500

Best Position: 311

Set Midpoint: 318

Set Deviation: 100

☒ Override

IMAGE QUALITY LABS
see the difference

Capture Frame

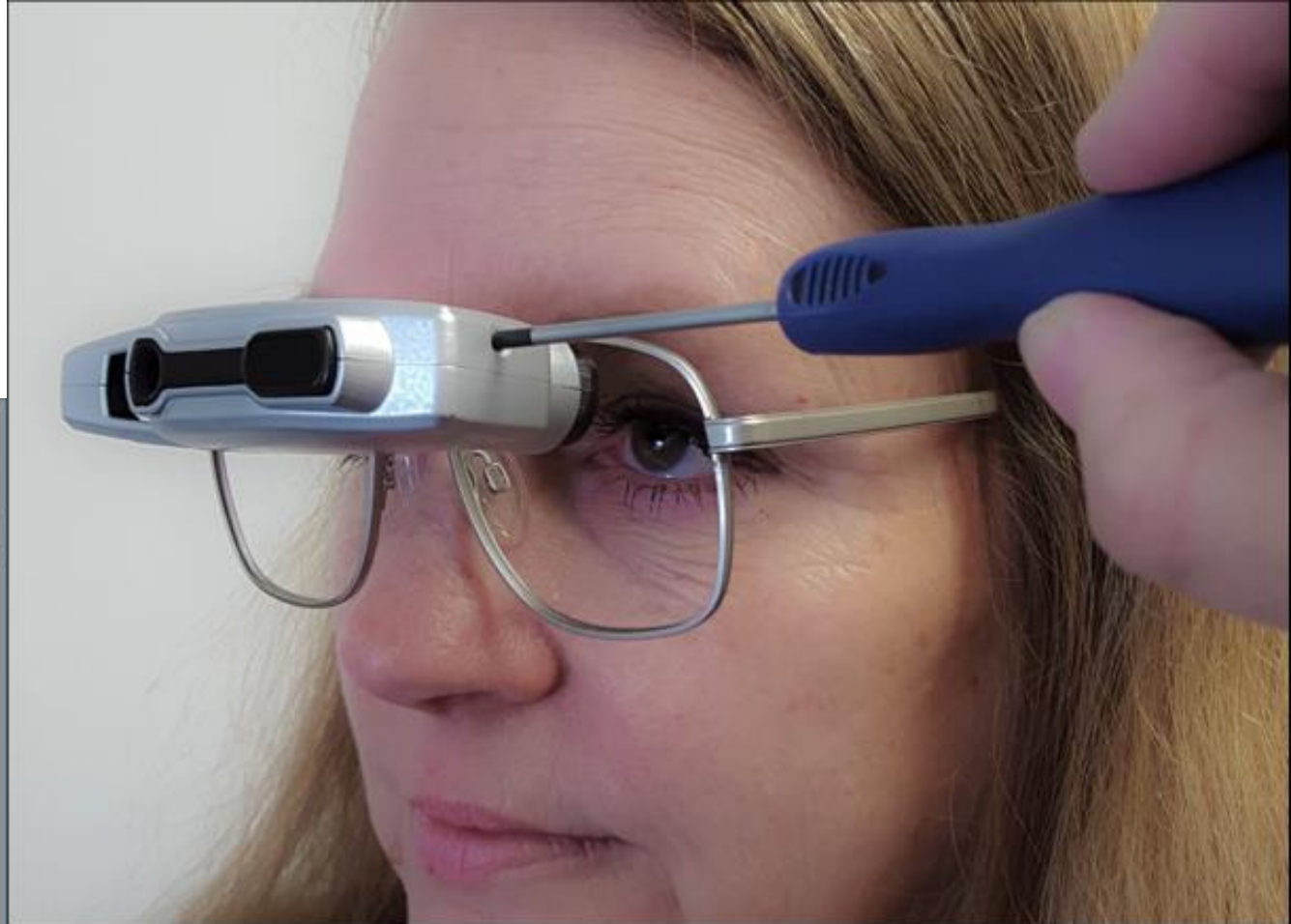
Start Sweep

Save Sweep Data

Exit

Data Saved

100%





Questions?