2024 Tennessee Top Bean Soybean Yield Contest

 Form A: Contest Field Measurement

Contestants Name: Date: Farm Name: County:

Draw a Diagram of the Soybean Field & Harvested Area. Include all measurements of the harvested area.

*Example:*

160

2580 ft

2200 ft

A

B

120 ft

2400 ft

ft

Measure all sides of the harvest area with a measuring wheel, a steel tape or fiberglass tape. Rowed beans are measured from the middle of the outside row spaces. Calculation of harvested area should be accomplished by breaking harvested area into the largest rectangle possible and calculating the rest of the areas as triangles.

# Calculation of Yield

Area of Rectangles:

 Section Length (ft) x Width (ft) = ft2

 Section Length (ft) x Width (ft) = ft2

Area of Triangles:

 Section Height (ft) x Width (ft) x 0.5 = ft2

 Section Height (ft) x Width (ft) x 0.5 = ft2

Total Area:

 Total ft2  43,560 ft2 = Acres

3 decimals

# Calculation of Yield

Area of Rectangles:

 **A** Section

 **2580+2400** Length (ft) x

**2**

 **160+120** Width (ft) =

**2**

 **348,600** ft2

Area of Triangles:

 **B** Section  **120** Height (ft) x  **2200** Width (ft) x 0.5 =  **132,000** ft2

Total Area:

 **480,600** Total ft2  43,560 ft2 =  **11.033** Acres (3 decimals)

SEND COMPLETED FORMS TO: Ryan Blair, 605 Airways Blvd., Jackson, TN 38301

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