

# SUNPHOSATE® 75 WDG

## Demonstration Trial at the Florida Research Station

**GROUP 9 HERBICIDE**

**Wynca USA™**

**SUNPHOSATE® 75 WDG**

**HERBICIDE**

THIS PRODUCT CONTAINS SURFACTANTS AND AMMONIUM SULFATE  
IN THE GRANULE RESULTING IN SUPERIOR WEED CONTROL

Avoid herbicide contact with foliage, green stems, exposed non-woody roots or fruit of crops, desirable plants and trees because severe injury or destruction may result.

ACTIVE INGREDIENT:

*Glyphosate (n-(phosphonomethyl) glycine), in the form of its ammonium salt .....	75.7%
OTHER INGREDIENTS: .....	24.3%
TOTAL .....	100.0%

\*Equivalent to 68.9% of glyphosate acid

EPA Reg. No. 87659-4

EPA Est. No. xx-xx-xx

# Fla. Research Center's Low Rate Herbicide Program 2025

## Work Order #1

**Work order date – January 7, 2025**

**Application Details –**

Application Dates: 01/08/25  
 Applicators Name: Andrew Adair  
 Time Start: 8:30 AM                      Time Stop: 12:00 PM  
 Total Tanks Used – 1 tank (100 gal.)  
 Wind Speed & Direction @10 AM- 2-3mph, WSW,  
 Temperature: 51°F                      Humidity: 74%                      Soil Temp. 59°F, Soil Moisture: 66%

**Treatment Order:**

<u>Block Name</u>	<u>No. of nozzles</u>	<u>Treated Acres</u>
K-10 Rows 1E - 3W (STS)	5+offset	1.98
K-20 Stars Bare Ground	5+offset	0.35
K-10 6W Black Cloth Edges	2/3 top/furrow	0.7
	<b>Total Treated Acres</b>	<b>3.03 T. Ac</b>

**Application Specifications –**

Spray Vol. per Treated Acre - 20 gpa  
 Ground Speed:- 2.65 mph  
 Ford Tractor Gear Selection - Low, 4<sup>th</sup> gear, 1400 rpm  
 Pressure Setting: 18 psi (Read lower swing of needle on gauge)  
 Nozzle - Turbo TeeJet TT110015, Green (aim nozzle pattern back towards trailing carpet)  
**Aim Down** Offset Nozzle - 03 OC, SST  
 Spray Volume Check - 405 ml/60 seconds  
**Initial** Line Strainer – **Red Rings**, (120 Mesh [130 Microns])  
**Final** Line Strainer – **Black Rings**, (140 Mesh [100 Microns])  
 Hypro Pump Accumulator Head Pressure - 20 psi

**Herbicide Mix –**

<u>EPA Registration#</u>	<u>Materials</u>	<u>[Amt./20 gal]</u> <u>Rate/T. Ac</u>	<u>Amount/100 gal</u>
	Citric Acid	0.1 lb	0.5 lb.
	Ammonium Sulfate	2.0 lb	5.0 lbs.
	Slowly add:		
87659-4	Sunphosate 75 WDG	3.3 lbs.	16.5 lbs. (1½ boxes)
62719-726	Embed Extra	1 pint	80 fl. oz.
	Exterminator (defoamer)	0.2 fl. oz.	1.0 oz. (3 squirts)
	Diamond R Spread-R	12.8 fl. oz.	2 quarts

**Herbicide Specifications –**

Spray Water - IRC Potable Water- TDS = 350 ppm  
 Mixing - Add materials in order listed with agitation. Use a separate clean measuring container for each chemical.

Clean up - When the tank is empty, clean the filters and flush lines and pump with clean water to purge system of pesticides. Apply the rinse to a nearby treated area. Clean till no foam is present. Remove filter and cap and place in stainer.

**Authorized by Robert C. Adair, Jr., Commercial License # CM9184**

# Herbicide Pattern at 29 DAT



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Predominant Weed Species:  
Common purslane, *Portulaca oleracea*

