

# Irrigation Equipment Field Calibration Form

Location: Field 1

Date of Field Calibration: \_\_\_\_\_  
(mm/dd/yy)

Flow Meter Serial Number: \_\_\_\_\_

Equipment Number: AB1 Boom

Measured ring size: \_\_\_\_\_ inches

Is ring size within 0.01" of original manufactured size?  
\_\_\_\_\_ Yes or \_\_\_\_\_ No. If not replace ring.

Pressure Gauge Readings At Pump: 72 psi

At Traveler: 62 psi (if applicable)

At Sprinkler/Gun: 32 psi

Expected Flow Rate (from manufacturers chart): 240 GPM

Measure Flow Rate (from flow meter): 250 GPM

Flow rate variance greater than 10%

Yes \_\_\_\_\_ No X

Expected Wetted Diameter (from the wettable acres determination): Boom width ft.

Measured Wetted Diameter: boom width ft.

Wetted diameter variance greater than 15% &/or measured flow variance greater than 10%: Yes \_\_\_\_\_ No X If Yes, then contact a technical specialist or irrigation dealer for assistance, enter work order number: \_\_\_\_\_  
And/or explain findings: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Calibrator: Richard A. Dwyer  
(Signature)

# Irrigation Equipment Field Calibration Form

Location: Field 6

Date of Field Calibration: 6/7/18  
(mm/dd/yy)

Flow Meter Serial Number: \_\_\_\_\_

Equipment Number: ABI Gun

Measured ring size: .97 inches

Is ring size within 0.01" of original manufactured size?  
 Yes or  No. If not replace ring.

Pressure Gauge Readings At Pump: 70 psi

At Traveler: 60 psi (if applicable)

At Sprinkler/Gun: 42 psi

Expected Flow Rate (from manufacturers chart): 110 GPM

Measure Flow Rate (from flow meter): 120 GPM

Flow rate variance greater than 10%  
Yes  No

Expected Wetted Diameter (from the wettable acres determination): 160 ft.

Measured Wetted Diameter: 165 ft.

Wetted diameter variance greater than 15% &/or measured flow variance greater than 10%: Yes  No  If Yes, then contact a technical specialist or irrigation dealer for assistance, enter work order number: \_\_\_\_\_  
And/or explain findings: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Calibrator: Richard A. Snyder  
(Signature)

# Irrigation Equipment Field Calibration Form

Location: Field 7

Date of Field Calibration: 6/7/18  
(mm/dd/yy)

Flow Meter Serial Number: \_\_\_\_\_

Equipment Number: Cadman

Measured ring size: 1.97 inches

Is ring size within 0.01" of original manufactured size?  
 Yes or  No. If not replace ring.

Pressure Gauge Readings At Pump: 72 psi

At Traveler: 61 psi (if applicable)

At Sprinkler/Gun: 44 psi

Expected Flow Rate (from manufacturers chart): 115 GPM

Measure Flow Rate (from flow meter): 120 GPM

Flow rate variance greater than 10%  
Yes  No

Expected Wetted Diameter (from the wettable acres determination): 160 ft.

Measured Wetted Diameter: 170 ft.

Wetted diameter variance greater than 15% &/or measured flow variance greater than 10%: Yes  No  If Yes, then contact a technical specialist or irrigation dealer for assistance, enter work order number: \_\_\_\_\_  
And/or explain findings: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Calibrator: Robert A. Snyder  
(Signature)

# Irrigation Equipment Field Calibration Form

Location: Field 8

Date of Field Calibration: 6/7/18  
(mm/dd/yy)

Flow Meter Serial Number: \_\_\_\_\_

Equipment Number: cadmen

Measured ring size: 6.97 inches

Is ring size within 0.01" of original manufactured size?

Yes or  No. If not replace ring.

Pressure Gauge Readings At Pump: 74 psi

At Traveler: 65 psi (if applicable)

At Sprinkler/Gun: 44 psi

Expected Flow Rate (from manufacturers chart): 115 GPM

Measure Flow Rate (from flow meter): 118 GPM

Flow rate variance greater than 10%

Yes  No

Expected Wetted Diameter (from the wettable acres determination): 160 ft.

Measured Wetted Diameter: 155 ft.

Wetted diameter variance greater than 15% &/or measured flow variance greater than 10%: Yes  No  If Yes, then contact a technical specialist or irrigation

dealer for assistance, enter work order number: \_\_\_\_\_

And/or explain findings: \_\_\_\_\_

Calibrator: Nick A. Dyer  
(Signature)

Irrigation Equipment Field Calibration Form

Location: Field 9

Date of Field Calibration: 6/7/18  
(mm/dd/yy)

Flow Meter Serial Number: \_\_\_\_\_

Equipment Number: Cadman

Measured ring size: .97 inches

Is ring size within 0.01" of original manufactured size?  
 Yes or  No. If not replace ring.

Pressure Gauge Readings At Pump: 70 psi

At Traveler: 58 psi (if applicable)

At Sprinkler/Gun: 38 psi

Expected Flow Rate (from manufacturers chart): 115 GPM

Measure Flow Rate (from flow meter): 110 GPM

Flow rate variance greater than 10%  
Yes  No

Expected Wetted Diameter (from the wettable acres determination): 160 ft.

Measured Wetted Diameter: 150 ft.

Wetted diameter variance greater than 15% &/or measured flow variance greater than 10%: Yes  No  If Yes, then contact a technical specialist or irrigation dealer for assistance, enter work order number: \_\_\_\_\_  
And/or explain findings: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Calibrator: Richard A. Dwyer  
(Signature)