

## UNH CE - Hillsborough County 329 Mast Road, Room 101 Goffstown, NH 03045 Phone (603)641-6060 Fax (603)645-5252



## **Air-Blast Sprayer Calibration Worksheet**

## Retain the following information for your records:

Date					
Farm	Operator	Pl	Phone		
Address	Town	State	Zipcode		
Tractor	Sprayer				
Tractor Gear	Tankgallons				
Tractor RPM	Pump PressurePSI				
Measured Distance feet					
Time in seconds (down)	_ Time in seconds (back	<u> </u>	_		
Average Time in seconds	_				
Miles per Hour = Distance in Feet x Time in Seconds x	60 = ( Feet) x 60 = ( Seconds) X 88	·	=	MPH	
For Orchards: Block (#) Tree Height	ft. Tree Width	ft. Row	Width	ft.	
For Vegetable or Other Crops Sprag Block (#) Spray Swat					
Linear Feet of Row per Acre = 43 Row Or Spray	3,560 = 43,560 = (_ v Width ( ) y Swath Width	) Fee	t per Acre		
Speed in Feet per Minute = MPH	<b>X</b> 88 = () MPH <b>X</b> 88	8 = (	) Feet per M	inute	
For Orchards: DG/A = Tree Height <b>X</b> Tree Width	n <b>X</b> Linear Feet of Row <b>X</b> <u>0.7</u>		_) GPA		
Block (#) DG/A =	() X () X (	) <b>X</b>	).7 = (	) GPA	

Nozzle Output for Air-Blast Sprayer - To determine the left versus right side, look at the sprayer from behind									
Nozzle Output - Left			Nozzle Output - Right						
Nozzle #	Tip Size #	Disc Core #	Fluid Ounces Per Minute	Gallons Per Minute	Nozzle #	Tip Size #	Disc Core #	Fluid Ounces Per Minute	Gallons Per Minute
L-10					R-10				
L-09					R-09				
L-08					R-08				
L-07					R-07				
L-06					R-06				
L-05					R-05				
L-04					R-04				
L-03					R-03				
L-02					R-02				
L-01					R-01				
Total Left Side Manifold Output in GPM				Total Right Side Manifold Output in GPM					
				Total Output for Sprayer in GPM					

All Nozzles Output = () gpm
Alternative Output: Nozzles (#) = () gpm
Alternative Output: Nozzles (#) = () gpm
Block (#) Minutes/Acre = Linear Feet Row per Acre = () = () Minutes/Acre Feet per Minute ()
Arrangement Nozzles (#) GPA = GPM <b>X</b> MPA = () GPM <b>X</b> () MPA = ()GPA
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June 28, 2011

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