ODOT Sprayer Calibration & Tank Mix Calculation Worksheet Name of Applicator(s):______

Date:	Name of Applicator	r(s):	
Spray Width :	_ feet (with the wind)	feet (against the wind	1)
Nozzle Output:	gallons per minute (GPM)	@ p.s.i.	
Carrier Rate:	_ gallons per acre (GPA)		
Ground Speed (refer to cal	libration charts) : miles	per hour (MPH)	
GPM x 495 GPA x SW		= MP	н
Broadcast Applica	tions: (mixtures using herb	icides on a product per acre bo	usis [product/A])
Tank Load Size:	gallons	Full load Partial lo	ad
Herbicide #1 rate:	product per acre (prod/A) (Example: Ranger Pro 1 pint)		
Herbicide #2 rate: _		product per acre (prod/A) (Example: Oust XP 1.0 ounce	
	gallons =	Acres per Tank	
Carrier Rate:		·	
Acres x Herbio	cide #1 rate:	prod/A =	product/tank load
Acres x Herb	icide #2 rate:	prod/A =	product/tank load
Drift Control rate: Tank	Load Size:gal. / 100 gal. = _	x oz. Product/100 ξ	gal. = prod./tank
	_	xTank load size =	_
AMS rate: Tank load siz	e: gal. /100 gal. =	x 17 lb. AMS/100 gal. =	prod. Tank
Spray-To-Wet Hai	ndgun Applications: (mixt	tures of herbicide on a volume basis	[percent (%) solution])
Tank Load Size:	gallons		
Herbicide rate #1:		percent (%) solution (example: 1.5% = 0.015)	
Herbicide rate #2:		percent (%) solution (example: 0.5%= 0.005)	
Tank Load Size:	gallons	_	Aores per Tenl
Carrier Rate: 10	00 GPA (used for all handgun appli	cations on a spray-to-wet basis)	Acres per Tank
gallons/tank load	x Herbicide rate #1:	% solution =	product/tank load
gallons/tank load	x Herbicide rate #2:	% solution =	product/tank load
Surfactant rate:	percent (%) solution	x tank load size =	product/ tank load