

ORCHARD INFO						
Date	Jun 6, 2012					
Orchard	Carlson					
Town	Harvard	State	MA			
Phone						
Operator						
Tractor		Gear		RPM		
Sprayer	Rears	Gallons	400	Pressure	200	
	<b>PowerBlast NEW</b>					

SPEED CALCULATION	
Distance (feet)	110
Time down (seconds)	30
Time back (seconds)	30
Time (average)	30
MPH	2.50

TRV CALCULATION	
<b>Block</b>	Small trees
<b>tree height</b>	10
<b>tree width</b>	9
<b>row width</b>	15
<b>Feet of row per acre=</b>	2,904
<b>Speed (feet per minute) =</b>	220.00
<b>DGA=</b>	183

Nozzle #	ml	oz	minutes	gal/min
L-10	760	26		
L-09	770	26		
L-08	810	28		
L-07	790	27		
L-06	780	27		
L-05	780	27		
L-04	680	23		
L-03	670	23		
L-02	670	23		
L-01	660	22		
<b>LEFT GPM</b>		251	0.5	3.92

Nozzle #	ml	oz	minutes	gal/min
R-10	770	26		
R-09	840	29		
R-08	780	27		
R-07	800	27		
R-06	780	27		
R-05	770	26		
R-04	670	23		
R-03	860	29		
R-02	650	22		
R-01	660	22		
<b>BOTTOM GPM</b>		258	1/2	4.03

	all nozzles
<b>TOTAL GPM</b>	7.94
<b>minutes per acre=</b>	13.20
<b>GPA</b>	<b>105</b>