



BIO BASED SPRAY SYSTEMS, LLC

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Raven Computerized Units come programed for the application of BIORESTOR® asphalt rejuvenators.

If the console were to get reset, use the SCS 440/450 service manual and the values listed below to program the correct values.

Initial Console Programing – page 26 in service manual

Units of measurement – Volume Per Acre

Sensor Type – SP-2 Radar type

Valve Type- Cal- C-F-Fast Valve

****older units use Standard Valve(C-SD) check on your spray unit**

Boom 1 – 24..... (4) spray nozzles with 6” separation 4 x 6 = 24”

Boom 2 – 102.....(17) spray nozzles with 6” separation 17 x 6 = 102”

Boom 3 – 24..... (4) spray nozzles with 6” separation 4 x 6 = 24”

Note* If boom is not being used enter (0) for boom length

Speed Cal- Micro Track (Garmin) GPS sensor- 783

- SkyTrack GPS sensor – 619
- Raven Precision Smart Antenna 500s – 800

Meter Cal – Located on flow rate controller



Meter Cal is on white label on each rate controller

Valve Cal – Standard Valve- C-SD- 2123
 - **Fast-Valve C-F– 743**



Rate 1 Cal – View Table
Rate 2 Cal – View Table

**** Values MUST be entered in units of GAL/ACRE on SCS440/SCS450**

Rate (Gal/Sq. Yard)	Rate in (Gal/Acre)	Pressure (psi)	Tip (Color)
0.015	72.6	40 min.	Red
0.020	96.8	45 min.	Red
0.025	121.0	50-60	Red/White
0.030	145.2	50-60	White
0.035	169.4	50-60	White
0.040	193.6	50-60	White

NOTE The application of higher rate (ex. 0.03) with red tips is possible, but the applicator must slow down his/her speed. It has shown to be easier to maintain similar speeds with larger tip size (white).**

If there are any questions please feel free to contact BioBased Spray Systems LLC or your local **BIORESTOR®** dealer!



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