## **HYPRO**°

## **Boom X Tender**<sup>®</sup> Series

The Boom X Tender tips redefine boomless spray technology by focusing on uniformity of spray pattern and accuracy of product delivered to the target. The most important innovation is reducing the likelihood of off-target trespass, which has been associated with boomless spray tips in some applications. The XT series has the ability to reduce fine droplets and match the performance characteristic of standard spray tips. The Hypro Boom X Tender combines the characteristics of off-center spray tips with the uniformity of pattern of flat fan spray tips. The large droplet produced by the patented design offers users a simple and consistent spray tip. All wearable parts are replaceable on the entire XT series.

## Installation and Operating Instructions:

Size the lines and pump to deliver the gallons per minute with a rating between 30 and 60  $\ensuremath{\mathsf{psi}}$  .

A coarse in-line strainer is recommended after the pump to help keep lines and spray tips free from large particles that might block the flowregulating insert or interfere with the pattern. Tip strainers are usually not necessary.

Pattern swath can be adjusted to fit your application by angling the spray tip up or down from horizontal. This will increase or decrease the spray width and change the rated gallons per acre applied. If you change the spray tip from parallel to the terrain, recalculate the gallons per acre with the following formula:

 $GPA = \frac{495 \text{ x Tip GPM}}{MPH \text{ x Spray Width (feet)}} \text{ or Gal/Lane Mile} = \frac{41.25 \text{ x GPM}_{xT}}{MPH}$ 

**Completely boomless broadcast application:** Spray tips should be mounted so that the inboard spray pattern from each tip overlaps by 1/4 the spray height (12" when 48" high), to prevent streaking in the center.

**Multiple pass application:** The second pass should be sprayed approximately 12" into the previous swath width. In gusty winds over 10 mph, pattern shifting may occur. Continuing the spraying operation may not be advisable. If the operator cannot predict the spray pattern's deposition on the target, the spraying operation should be terminated.

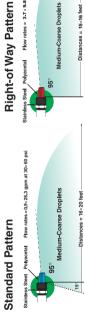
**Fence row application:** The operator needs to use the XT tip that matches the GPM of the equivalent number of spray tips on the boom based on effective swath width.

The swath of the XT tip can be adjusted according to the following formula to closely match the boom application rate:

$$SW_{XT (FT)} = \frac{W_{Tips (Inches)} \times GPM_{XT}}{GPM_{Tips} \times 12}$$

R         K	ļ		M	A	Application Rate (GPA)	ion Rat	te (GP/	a	ő	US Gal/1000 sq.ft.	000 sq.	Ĥ.	
4         5         6         8         10         2         3         4         5         6         4         5         5         4         5         5         4         5         5         4         5         5         4         5         5         4         5         5         4         5	184	Sd	в			НЫМ				W	F		Ft @
30         0.0         7.0         5.6         4.6         3.5         2.8         0.33         0.36         0.16         0.13           60         1.0         7.7         6.2         5.2         3.3         3.31         0.36         0.26         0.16         0.14           60         1.1         8.5         6.8         5.7         4.3         3.4         0.39         0.26         0.16         0.16           70         1.1         8.7         6.2         4.6         3.7         0.43         0.28         0.23           70         2.1         14.4         11.6         9.7         7.3         5.8         0.66         0.44         0.33         0.27           71         12.4         9.1         11.6         8.7         7.0         0.80         0.33         0.37           20         2.7         16.6         17.7         0.27         0.30         0.37         0.37           21         14.1         11.6         8.7         7.4         0.86         0.44         0.37         0.34           22         19.0         14.3         11.4         11.8         11.4         11.8         11.4         11.8 <th></th> <th></th> <th></th> <th>4</th> <th>5</th> <th>9</th> <th>8</th> <th>10</th> <th>2</th> <th>e</th> <th>4</th> <th>5</th> <th>40psi</th>				4	5	9	8	10	2	e	4	5	40psi
40         1.0         7.7         6.2         5.2         3.9         3.1         0.36         0.24         0.14         0.14           60         1.1         8.5         6.8         5.7         4.3         3.4         0.39         0.26         0.01         0.11           60         1.2         9.3         7.4         6.2         4.6         3.7         0.43         0.28         0.21         0.11           70         1.1         1.24         9.9         8.3         6.2         5.0         0.57         0.38         0.23         0.23           60         2.41         1.7         1.24         9.9         8.3         6.4         0.74         0.33         0.27           60         2.41         1.7         1.44         1.16         9.7         7.4         0.33         0.24         0.37         0.29         0.31           7         1.14         1.15         9.17         1.12         1.14         1.13         0.24         0.31         0.31         0.31         0.31         0.31         0.31         0.31         0.31         0.31         0.31         0.31         0.31         0.31         0.31         0.31		30	0.9	7.0	5.6	4.6	3.5	2.8	0.32	0.21	0.16	0.13	
000000000000000000000000000000000000		40	1.0	7.7	6.2	5.2	3.9	3.1	0.36	0.24	0.18	0.14	16
60         1/2         9.3         7.4         6.2         4.6         3.7         0.43         0.28         0.21         0.11           10         17         12.4         9.9         8.3         6.2         5.0         0.57         0.38         0.23         0.23           10         2.0         14.6         11.6         9.7         7.3         5.8         0.67         0.49         0.37         0.29           10         2.24         11.5         14.0         11.6         8.7         7.0         0.80         0.67         0.33         0.23           10         2.24         10.5         11.0         8.7         7.0         0.80         0.67         0.34         0.33           11         12.4         11.6         13.3         10.0         8.0         0.57         0.44         0.33         0.24           12         2.4         13.3         10.0         8.0         14.4         14.8         14.8         14.8         14.8         14.8         14.9         0.57         0.44         0.57           12         2.4         3.3         2.2         10.4         1.3         1.4         1.4         1.4	1.2	50	1.1	8.5	6.8	5.7	4.3	3.4	0.39	0.26	0.20	0.16	
11 $124$ $9.9$ $8.3$ $6.2$ $5.0$ $0.57$ $0.38$ $0.28$ $0.23$ $0.24$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.24$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$ $0.23$		60	1.2	9.3	7.4	6.2	4.6	3.7	0.43	0.28	0.21	0.17	
40         2.0         14.6         11.6         9.7         7.3         5.8         0.67         0.45         0.33         0.27           50         2.2         16.0         12.8         10.7         8.0         6.4         0.74         0.39         0.37         0.29           50         2.2         14.4         11.6         9.6         7.2         5.8         0.66         0.44         0.33         0.27           30         2.1         14.4         11.6         9.6         7.2         5.8         0.66         0.44         0.33         0.27           50         2.71         18.6         14.9         12.7         10.2         10.7         0.36         0.37         0.36           50         2.71         18.6         14.3         11.8         14.4         13.3         12.7         0.36         0.57         0.43         0.34           50         2.71         18.2         14.6         14.3         14.4         14.3         14.4         13.3         14.7         14.7         14.7         14.7         14.7         14.7         14.7         14.7         14.7         14.7         14.1         14.3         14.4         1		30	1.7	12.4	<u>6</u> .6	8.3	6.2	5.0	0.57	0.38	0.28	0.23	
50         2.2         16.0         12.8         10.7         8.0         6.4         0.74         0.37         0.29           60         2.4         17.5         14.0         11.6         8.7         7.0         0.80         0.53         0.40         0.33         0.27           30         2.1         14.4         11.6         9.6         7.2         5.8         0.66         0.44         0.33         0.27           30         2.7         18.6         14.9         17.0         8.3         6.6         0.76         0.76         0.36         0.37           30         2.7         18.6         14.9         17.0         17.1         10.2         11.2         11.4         0.36         0.57         0.43         0.37           30         2.7         2.9         10.0         11.8         11.4         11.8         11.4         0.36         0.57         0.41         0.37           30         2.7         2.9         2.7         10.2         11.2         11.4         11.3         11.4         11.3         0.54         0.57           30         2.7         2.9         12.6         12.6         12.7         12.1	070	40	2.0	14.6	11.6	9.7	7.3	5.8	0.67	0.45	0.33	0.27	17
60         2.4         17.5         14.0         11.6         8.7         7.0         0.80         0.53         0.40         0.33         0.27           30         2.1         14.4         11.6         9.6         7.2         5.8         0.66         0.44         0.33         0.27           40         2.3         18.6         14.9         11.6         9.6         7.4         0.38         0.30           50         2.7         18.6         14.9         12.3         10.0         8.0         0.92         0.61         0.46         0.37         0.34           50         2.7         18.6         14.9         12.3         10.0         8.0         0.92         0.61         0.47         0.37         0.34           50         2.7         18.6         17.0         12.7         10.2         11.7         11.4         0.34         0.67         0.64         0.54           50         2.8         16.6         14.8         14.8         14.8         14.8         14.8         14.8         14.8         14.8         14.8         14.8         14.4         133         15.7         14.7         14.1         14.8         14.4         15.9		50	2.2	16.0	12.8	10.7	8.0	6.4	0.74	0.49	0.37	0.29	
30         2.1         14.4         11.6         9.6         7.2         5.8         0.66         0.44         0.33         0.27           40         2.4         16.5         13.2         11.0         8.3         6.6         0.76         0.36         0.30           50         2.7         18.6         14.9         12.4         9.3         7.4         0.85         0.57         0.43         0.30           50         2.9         19.9         16.0         13.3         10.0         8.0         0.92         0.61         0.47         0.37           30         3.7         25         20         17.0         12.7         10.2         1.2         0.76         0.51           40         4.3         33         26         23         19.1         14.3         11.4         1.3         0.96         0.66           60         5.3         30         22         14.4         1.4         1.3         0.47         0.47           7         14.0         14.3         11.4         1.3         0.46         1.4         0.56         0.57           60         5.3         14.1         1.3         11.4         1.3		60	2.4	17.5	14.0	11.6	8.7	7.0	0.80	0.53	0.40	0.32	
40         2.4         16.5         13.2         11.0         8.3         6.6         0.76         0.30         0.30           50         2.7         18.6         14.9         12.4         9.3         7.4         0.85         0.57         0.43         0.37           50         2.7         18.6         14.9         12.4         9.3         7.4         0.85         0.57         0.43         0.37           30         3.7         2.5         2.0         17.0         12.7         10.2         1.2         0.76         0.53         0.37           30         3.7         2.5         2.0         17.0         12.7         10.2         1.2         0.76         0.56         0.57           40         4.3         33         2.6         2.7         14.6         1.3         1.1         0.90         0.66         0.57           50         4.8         37         2.9         14.4         1.3         1.1         0.84         0.67           50         4.8         37         2.9         14.4         1.3         1.1         0.84         0.67           50         4.8         37         2.1         1.1		30	2.1	14.4	11.6	9.6	7.2	5.8	0.66	0.44	0.33	0.27	
50         2.7         18.6         14.9         12.4         9.3         7.4         0.85         0.57         0.43         0.37           60         2.9         19.9         16.0         13.3         10.0         8.0         0.92         0.61         0.46         0.37           30         3.7         255         20         17.0         12.7         10.2         1.2         0.78         0.53         0.54           40         4.3         30         24         19.7         14.8         11.8         1.4         0.90         0.68         0.54           40         4.3         33         26         29         24         18.2         14.6         1.7         1.1         0.84         0.67         0.67           50         4.4         33         26         23         14.1         1.3         1.4         1.9         0.67         0.67         0.67         0.67           50         4.4         33         27         21         1.4         1.3         1.4         1.9         0.67         0.67         0.67         0.67           50         4.4         33         27         1.4         1.3         1.4	<b>7</b> 70	40	2.4	16.5	13.2	11.0	8.3	6.6	0.76	0.51	0.38	0.30	18
60         2.9         19.9         16.0         13.3         10.0         8.0         0.92         0.61         0.46         0.37           30         3.7         25         20         17.0         12.7         10.2         1.2         0.78         0.58         0.47           40         4.3         30         24         19.7         14.8         11.8         1.4         0.90         0.68         0.54           50         4.8         33         26         29         24         18.2         1.46         1.7         1.1         0.84         0.56         0.51           40         5.3         36         29         24         18.2         14.6         1.7         1.1         0.84         0.56         0.51           50         4.3         33         27         29         14.4         1.3         1.41         0.80         0.56         0.55           50         4.41         33         27         22         16.6         1.1         1.1         0.80         0.56         0.55           50         8.9         57         20         16.4         1.9         1.1         1.1         0.15         1.1 <th>U.V</th> <td>50</td> <td>2.7</td> <td>18.6</td> <td>14.9</td> <td>12.4</td> <td>9.3</td> <td>7 4</td> <td>0.85</td> <td>0.57</td> <td>0.43</td> <td>0.34</td> <td></td>	U.V	50	2.7	18.6	14.9	12.4	9.3	7 4	0.85	0.57	0.43	0.34	
30 $3.7$ $25$ $20$ $17.0$ $12.7$ $10.2$ $1.2$ $0.76$ $0.64$ $0.76$ $0.64$ $40$ $4.3$ $30$ $24$ $19.7$ $14.8$ $11.8$ $1.4$ $0.90$ $0.68$ $0.54$ $50$ $4.8$ $33$ $26$ $22$ $16.5$ $1.3$ $1.6$ $1.7$ $1.1$ $0.80$ $0.66$ $0.53$ $30$ $3.7$ $29$ $23$ $19.1$ $14.3$ $11.4$ $1.3$ $0.80$ $0.66$ $0.53$ $50$ $4.8$ $37$ $229$ $10.1$ $11.4$ $1.3$ $0.80$ $0.66$ $0.53$ $50$ $4.8$ $37$ $22$ $10.4$ $1.7$ $1.1$ $0.80$ $0.66$ $0.53$ $50$ $4.9$ $37$ $22$ $10.4$ $1.3$ $1.2$ $1.2$ $60$ $6.6$ $5.7$ $1.6$ $1.2$ $1.2$ $1.16$		60	2.9	19.9	16.0	13.3	10.0	8.0	0.92	0.61	0.46	0.37	
40         4.3         30         24         19.7         14.8         11.8         1.4         0.90         0.68         0.54           50         4.8         33         26         22         16.5         13.2         1.5         1.0         0.76         0.61           60         5.3         36         29         24         18.2         14.6         1.7         1.1         0.84         0.67         0.61           30         3.7         29         23         19.1         14.3         11.4         1.3         0.80         0.66         0.53           40         4.3         37         22         16.6         13.3         1.5         1.1         0.84         0.67           50         4.8         37         22         16.6         13.3         1.5         1.1         0.85         0.66           51         4.1         33         25         16.3         1.7         1.1         1.3         0.34         0.75           50         4.8         33         22         20         2.3         1.5         1.1         0.35         0.65           50         8.9         57         33 <t< td=""><th></th><td>30</td><td>3.7</td><td>25</td><td>20</td><td>17.0</td><td>12.7</td><td>10.2</td><td>1.2</td><td>0.78</td><td>0.58</td><td>0.47</td><td></td></t<>		30	3.7	25	20	17.0	12.7	10.2	1.2	0.78	0.58	0.47	
50         4.8         33         26         22         16.5         13.2         1.5         1.0         0.76         0.61           60         5.3         36         29         24         18.2         14.6         1.7         1.1         0.84         0.67           30         3.7         29         23         19.1         14.3         11.4         1.3         0.88         0.66         0.53           40         4.3         37         29         23         19.1         14.3         11.4         1.3         0.86         0.65         0.61           50         4.8         37         20         25         16.6         13.3         1.5         1.0         0.76         0.61           50         4.8         37         20         1.3         1.5         1.0         0.76         0.65           50         50         47         33         25         1.0         1.1         1.1         1.1         1.1           50         6.9         57         40         33         22         1.0         1.1         1.1         1.1         1.1           50         8.9         57         20	c+0	40	4.3	30	24	19.7	14.8	11.8	1.4	06.0	0.68	0.54	18
60         5.3         36         29         24         18.2         14.6         1.7         1.1         0.84         0.67           40         4.3         33         27         29         23         19.1         14.3         11.4         1.3         0.88         0.66         0.53           40         4.3         33         27         22         16.6         13.3         1.5         1.0         0.76         0.61           50         4.8         37         30         25         18.6         14.9         1.7         1.1         0.85         0.65           60         5.3         41         33         27         10.6         1.3         1.1         0.85         0.65           70         6.9         57         40         33         25         20         2.3         1.1         0.85         0.75           60         9.8         65         52         43         32         2.2         1.6         1.3         1.1           70         8.0         65         52         43         32         2.1         1.8         1.1           80         8.6         53         2.3         <	IV	50	4.8	33	26	22	16.5	13.2	1.5	1.0	0.76	0.61	
30         3.7         29         23         19.1         14.3         11.4         1.3         0.88         0.66         0.53           40         4.3         33         27         22         16.6         13.3         1.5         1.0         0.76         0.61           50         4.8         37         30         25         18.6         14.9         1.7         1.1         0.85         0.68           60         5.3         41         33         27         20         16.4         1.9         1.7         0.94         0.75           30         6.9         56         52         43         32         25         20         2.3         1.5         1.0         0.76         0.75           40         80         65         52         43         32         22         1.6         1.3         1.1           40         80         65         52         43         32         22         1.6         1.3         1.1           30         6.9         65         52         33         22         1.6         1.3         1.1           30         6.9         66         53         22		60	5.3	36	29	24	18.2	14.6	1.7	1.1	0.84	0.67	
40         4.3         33         27         22         16.6         1.3         1.5         1.0         0.76         0.61           50         4.8         37         30         25         18.6         1.49         1.7         1.1         0.85         0.68           60         5.3         41         33         27         20         16.4         1.9         1.3         0.94         0.75           30         6.9         50         40         33         25         20         2.3         1.5         1.2         0.94         0.75           40         8.0         56         47         33         25         20         2.3         1.5         1.2         0.92           30         6.9         57         48         32         22         3.3         2.2         1.6         1.3         1.1           40         8.0         55         43         32         2.6         1.7         1.3         1.0           50         9.8         57         48         33         2.2         1.6         1.3         1.1           60         9.8         71         57         3.3         2.2	,	30	3.7	29	23	19.1	14.3	11.4	1.3	0.88	0.66	0.53	
50         4.8         37         30         25         18.6         14.9         1.7         1.1         0.85         0.68           60         5.3         41         33         27         20         16.4         1.9         1.3         0.94         0.75           30         6.9         50         40         33         25         20         2.3         1.5         1.2         0.94         0.75           40         8.0         56         47         39         29         23         2.7         1.8         1.3         1.1           50         8.9         65         52         43         32         26         3.0         2.0         1.5         1.2         0.95           50         8.9         65         54         33         226         3.0         2.0         1.5         1.2           50         8.9         73         29         3.2         2.6         1.7         1.3         1.0           50         8.0         66         53         2.0         3.2         2.6         1.2         1.2           60         9.8         81         65         49         37	JCH	40	4.3	33	27	22	16.6	13.3	1.5	1.0	0.76	0.61	16
60         5.3         41         33         27         20         16.4         1.9         1.3         0.94         0.75           30         6.9         50         40         33         25         20         2.3         1.5         1.2         0.94         0.75           40         8.0         58         47         39         29         23         2.7         1.8         1.3         1.1           50         8.9         65         52         43         32         26         3.0         2.0         1.5         1.2         0.92           60         9.8         77         57         48         36         29         3.3         2.6         1.7         1.3         1.0           70         6.9         57         48         36         29         3.3         2.6         1.7         1.3         1.0           80         6.9         57         49         37         2.9         3.0         2.0         1.5         1.2           80         6.9         57         49         37         2.9         3.0         2.0         1.5         1.2         1.3           80         <		50	4.8	37	30	25	18.6	14.9	1.7	1.1	0.85	0.68	
30         6.9         50         40         33         25         20         2.3         1.5         1.2         0.92           40         8.0         58         47         39         29         23         2.7         1.8         1.3         1.1           50         8.9         65         52         43         32         26         3.0         2.0         1.5         1.2         0.92           60         9.8         71         57         48         36         29         3.3         2.0         1.5         1.5         1.2         1.3           30         6.9         57         46         38         28         2.3         2.0         1.5         1.5         1.2         1.3           40         8.0         65         53         44         33         26         3.0         2.0         1.7         1.3         1.0           50         8.9         73         29         3.3         26         3.3         2.6         1.7         1.3         1.2           60         9.8         65         54         40         32         3.7         2.6         1.7         1.3		60	5.3	41	33	27	20	16.4	1.9	1.3	0.94	0.75	
40         8.0         58         47         39         29         23         2.7         1.8         1.3         1.1           50         8.9         65         52         43         32         26         3.0         2.0         1.5         1.2           60         9.8         71         57         48         36         29         3.3         2.2         1.6         1.3         1.1           30         6.9         57         46         38         28         23         2.6         1.7         1.3         1.0           40         8.0         66         53         44         33         26         3.0         2.0         1.5         1.2         1.3           40         8.0         66         53         44         33         26         3.0         2.0         1.5         1.2           30         14.5         112         90         75         56         45         5.1         3.1         2.1           30         14.5         112         90         75         56         4.4         3.3         2.7         5.6         2.1         5.7         5.4           40<		30	6.9	50	40	33	25	20	2.3	1.5	1.2	0.92	
50         8.9         65         52         43         32         26         3.0         2.0         1.5         1.2           60         9.8         71         57         48         36         29         3.3         2.2         1.6         1.3           30         6.9         57         46         38         28         23         2.6         1.7         1.3         1.0           40         8.0         66         53         44         33         26         3.0         2.0         1.5         1.2           50         8.9         73         59         49         37         29         3.4         2.2         1.6         1.3         1.0           60         9.8         81         65         54         40         32         2.6         1.7         1.3         1.0           30         14.5         112         90         75         56         45         5.1         3.1         2.6         2.1           40         16.7         129         103         86         65         5.5         5.9         4.0         3.0         2.4           50         18.1         14	000	40	8.0	58	47	39	29	23	2.7	1.8	1.3	<u>.</u>	17
60         9.8         71         57         48         36         29         3.3         2.2         1.6         1.3           30         6.9         57         46         38         28         23         2.6         1.7         1.3         1.0           40         8.0         66         53         44         33         26         3.0         2.0         1.5         1.2         1.0           50         8.9         73         59         49         37         29         3.4         2.2         1.7         1.3         1.0           60         9.8         811         65         54         40         32         2.5         1.9         1.5         1.3           30         14.5         112         90         75         56         45         5.1         3.4         33         2.7           40         16.7         129         103         86         65         5.5         5.9         4.0         33         2.7           50         18.7         149         90         7.5         5.6         4.4         33         2.7           60         20.5         159 <td< td=""><th>IV</th><td>50</td><td>8.9</td><td>65</td><td>52</td><td>43</td><td>32</td><td>26</td><td>3.0</td><td>2.0</td><td>1.5</td><td>1.2</td><td></td></td<>	IV	50	8.9	65	52	43	32	26	3.0	2.0	1.5	1.2	
30         6.9         57         46         38         28         23         2.6         1.7         1.3         1.0           40         8.0         66         53         44         33         26         3.0         2.0         1.5         1.2         1.3         1.0           50         8.9         73         59         49         37         29         3.4         2.0         1.5         1.2         1.3         1.0           60         9.8         81         65         54         40         32         3.7         2.5         1.9         1.5         1.3           30         14.5         112         90         75         56         45         5.1         3.4         2.6         2.1         1.3         1.5           40         16.7         129         103         86         65         55         5.9         4.0         3.0         2.4           50         18.7         146         96         7.5         56         4.4         3.3         2.7           60         20.5         159         127         106         7.9         5.6         4.4         3.3         2.7		60	9.8	71	57	48	36	29	3.3	2.2	1.6	1.3	
40         8.0         66         53         44         33         26         3.0         2.0         1.5         1.2           50         8.9         73         59         49         37         29         3.4         2.2         1.7         1.3           60         9.8         81         65         54         40         32         3.7         2.5         1.9         1.5           30         14.5         112         90         75         56         45         5.1         3.4         2.6         2.1           40         16.7         129         103         86         65         52         59         4.0         30         2.4           50         18.7         145         116         96         72         58         6.6         4.4         33         2.7           50         18.7         146         96         72         58         6.6         4.4         33         2.7           60         20.5         159         127         106         79         53         2.6         2.1           30         18.6         17         58         6.7         5.3 <td< td=""><th></th><td>30</td><td>6.9</td><td>57</td><td>46</td><td>38</td><td>28</td><td>23</td><td>2.6</td><td>1.7</td><td>1.3</td><td>1.0</td><td></td></td<>		30	6.9	57	46	38	28	23	2.6	1.7	1.3	1.0	
50         8.9         73         59         49         37         29         3.4         2.2         1.7         1.3           60         9.8         81         65         54         40         32         3.7         2.5         1.9         1.5           30         14.5         112         90         75         56         45         5.1         3.4         2.6         2.1         1.9         1.5           40         16.7         129         103         86         65         52         5.9         4.0         3.0         2.4           50         18.7         145         116         96         72         58         6.6         4.4         3.3         2.7           60         20.5         159         127         106         79         63         7.3         4.9         3.6         2.4           30         18.6         115         96         7.7         58         4.6         5.3         3.5         2.6         2.1           40         21.5         133         106         79         53         3.6         2.4           30         18.6         53         53	100/	40	8.0	66	53	44	33	26	3.0	2.0	1.5	1.2	15
60         9.8         81         65         54         40         32         3.7         2.5         1.9         1.5           30         14.5         112         90         75         56         45         5.1         3.4         2.6         2.1           40         16.7         129         103         86         65         52         5.9         4.0         3.0         2.4           50         18.7         145         116         96         72         58         6.6         4.4         3.3         2.7           60         20.5         159         127         106         79         63         7.3         4.9         3.6         2.9           30         18.6         115         92         77         58         4.6         5.3         3.5         2.6         2.1           30         18.6         115         92         7.7         58         4.6         5.3         3.5         2.6         2.1           40         21.5         133         106         89         67         53         6.1         4.1         3.1         2.4           50         24.0         53		20	8.9	73	59	49	37	29	3.4	2.2	1.7	1.3	
30         14.5         112         90         75         56         45         5.1         3.4         2.6         2.1           40         16.7         129         103         86         65         5.2         5.9         4.0         3.0         2.4           50         18.7         145         116         96         72         58         6.6         4.4         3.3         2.7           60         20.5         159         127         106         79         63         7.3         4.9         3.6         2.9           30         18.6         115         92         77         58         4.6         5.3         3.5         2.6         2.1           40         21.5         133         106         89         67         53         6.1         4.1         3.1         2.4           50         24.0         119         99         77         58         6.1         4.1         3.1         2.4           60         25.3         163         106         75         53         6.1         4.1         3.1         2.4           60         24.0         119         99         7.4<		60	9.8	81	65	54	40	32	3.7	2.5	1.9	1.5	
40         16.7         129         103         86         65         52         5.9         4.0         3.0         2.4           50         18.7         145         116         96         72         58         6.6         4.4         3.3         2.7           60         20.5         159         127         106         79         63         7.3         4.9         3.6         2.9           30         18.6         115         92         77         58         46         5.3         3.5         2.6         2.1           40         21.5         133         106         89         67         53         6.1         4.1         3.1         2.4           50         24.0         119         99         77         58         6.1         4.1         3.1         2.4           60         25.3         163         710         89         67         53         3.5         2.6         2.1           60         24.0         119         99         74         59         6.8         4.5         3.4         2.7           60         26.3         163         70         81         65		30	14.5	112	06	75	56	45	5.1	3.4	2.6	2.1	
50         18.7         145         116         96         72         58         6.6         4.4         3.3         2.7           60         20.5         159         127         106         79         63         7.3         4.9         36         2.9           30         18.6         115         92         77         58         46         5.3         3.5         2.6         2.1           40         21.5         133         106         89         67         53         6.1         4.1         3.1         2.4           50         24.0         119         99         74         59         6.8         4.5         3.4         2.7           60         23.1         108         81         65         6.8         4.5         3.4         2.7	/01	40	16.7	129	103	86	65	52	5.9	4.0	3.0	2.4	16
60         20.5         159         127         106         79         63         7.3         4.9         3.6         2.9           30         18.6         115         92         77         58         46         5.3         3.5         2.6         2.1           40         21.5         133         106         89         67         53         6.1         4.1         3.1         2.4           50         24.0         119         99         74         59         6.8         4.5         3.4         2.7           60         26.3         163         119         99         74         59         6.8         4.5         3.4         2.7	IY	50	18.7	145	116	96	72	58	6.6	4.4	3.3	2.7	
30         18.6         11.5         92         77         58         46         5.3         3.5         2.6         2.1           40         21.5         133         106         89         67         53         6.1         4.1         3.1         2.4           50         24.0         149         119         99         74         59         6.8         4.5         3.4         2.7           60         26.3         163         109         99         74         59         6.8         4.5         3.4         2.7           60         26.3         163         130         108         81         65         7.5         5.0         3.7         3.0		60	20.5	159	127	106	62	63	7.3	4.9	3.6	2.9	
40         21.5         133         106         89         67         53         6.1         4.1         3.1         2.4           50         24.0         149         119         99         74         59         6.8         4.5         3.4         2.7           60         26.3         163         130         108         81         65         7.5         5.0         3.7         3.0		30	18.6	115	92	77	58	46	5.3	3.5	2.6	2.1	
50         24.0         149         119         99         74         59         6.8         4.5         3.4           60         26.3         163         130         108         81         65         7.5         5.0         3.7	CI 7	40	21.5	133	106	89	67	53	6.1	4.1	3.1	2.4	20
26.3 163 130 108 81 65 7.5 5.0 3.7	IV	50	24.0	149	119	66	74	59	6.8	4.5	3.4	2.7	
		60	26.3	163	130	108	81	65	7.5	5.0	3.7	3.0	

leignt. Note: Application rates are based on overall swath widths listed at 48' Recalculate your application rate if settings provide a different swath.



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