

Straxan™ fungicide seed treatment

Lumivia™ CPL insecticide seed treatment

Tank-Mix

Calibration - Wheat / Barley / Oats - G40 Applicator

Reference date: March 28, 2024

APPLICATION RATE	REQUIRED SETUP
Straxan: 325 mL / 100 kg Lumivia CPL: 40 mL / 100 kg Total slurry: 365 mL / 100 kg	D10 Disc / #45 Core / 16 Mesh Strainer

Volume requirements and bushels treated

Straxan (L)	Lumivia CPL (L)	Slurry (L)	Wheat (bu)	Barley (bu)	Oats (bu)
9.5	1.17	10.7	108	134	189
19.0	2.34	21.3	216	268	379
28.5	3.51	32.0	323	403	568
38.0	4.67	42.7	431	537	758
47.5	5.84	53.3	539	671	947
57.0	7.01	64.0	647	805	1137
66.5	8.18	74.7	754	939	1326
76.0	9.35	85.3	862	1074	1516
85.5	10.52	96.0	970	1208	1705
95.0	11.69	106.7	1078	1342	1895

Crop-specific flow conversions

Wheat | 99 mL / bu

Wheat flow	Slurry flow
bu / min	mL / min
20	1980
24	2376
28	2772
32	3168
36	3564
40	3960
42	4158

Barley | 79.5 mL / bu

Barley flow	Slurry flow
bu / min	mL / min
26	2067
30	2385
34	2703
38	3021
42	3339
46	3657
50	3975
54	4293

Oats | 56 mL / bu

Oats flow	Slurry flow
bu / min	mL / min
40	2240
44	2464
48	2688
52	2912
56	3136

G40 Applicator Calibration

Straxan + Lumivia CPL slurry by crop

D10 Disc / #45 Core / 16 Mesh Strainer

Wheat calibration | 99 mL / bu

Wheat flow (bu / min)	Pressure (p.s.i.)	Slurry flow (mL / min)
21.9	10	2168
25.7	15	2540
29.5	20	2922
32.6	25	3223
35.8	30	3544
38.3	35	3794
40.7	40	4025

Barley calibration | 79.5 mL / bu

Barley flow (bu / min)	Pressure (p.s.i.)	Slurry flow (mL / min)
27.3	10	2168
31.9	15	2540
36.8	20	2922
40.5	25	3223
44.6	30	3544
47.7	35	3794
50.6	40	4025

Oats calibration | 56 mL / bu

Oats flow (bu / min)	Pressure (p.s.i.)	Slurry flow (mL / min)
38.7	10	2168
45.4	15	2540
52.2	20	2922
57.6	25	3223

Operating notes

- Thoroughly agitate Straxan + Lumivia CPL using a slurry mixer or by circulating before applying.
- Settling can occur between uses.
- Make sure proper nozzles and strainers are installed.
- Close shutoff valves and keep air out of the system between applications.
- Clean up with water after extended use.
- The required units are D10 Disc / #45 Core / 16 Mesh Strainer.