

Straxan™ fungicide seed treatment Lumivia™ CPL insecticide seed treatment Tank-Mix

Calibration - Wheat / Barley / Oats - G3 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	D8 Disc / #25 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
12	1188
14	1386
16	1584
18	1782
20	1980
22	2178

Barley | 79.5 mL / bu

Barley flow	Slurry flow
bu / min	mL / min
16	1272
18	1431
20	1590
22	1749
24	1908
26	2067

Oats | 56 mL / bu

Oats flow	Slurry flow
bu / min	mL / min
24	1344
26	1456
28	1568
30	1680
32	1792

G3 Applicator Calibration

Straxan + Lumivia CPL slurry by crop

D8 Disc / #25 Core / 16 Mesh Strainer

Wheat calibration | 99 mL / bu

Wheat flow (bu / min)	Pressure (p.s.i.)	Slurry flow (mL / min)
13.6	10	1343
15.8	15	1569
17.9	20	1777
19.8	25	1965
21.5	30	2125

Barley calibration | 79.5 mL / bu

Barley flow (bu / min)	Pressure (p.s.i.)	Slurry flow (mL / min)
16.9	10	1343
19.7	15	1569
22.4	20	1777
24.7	25	1965
26.7	30	2125

Oats calibration | 56 mL / bu

Oats flow (bu / min)	Pressure (p.s.i.)	Slurry flow (mL / min)
24.0	10	1343
28.0	15	1569
31.7	20	1777

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 D8 Disc / #25 Core / 16 Mesh Strainer.