

Lumiscend™ LUXE seed treatment

Calibration - Wheat / Barley / Oats - G3 Applicator

Reference date: April 7, 2026

APPLICATION RATE	REQUIRED SETUP
325 mL / 100 kg seed	D8 Disc / #25 Core / 16 Mesh Strainer

Crop-specific flow conversions

Wheat: 88 mL / bu

Wheat flow	Chemical flow
bu / min	mL / min
14	1232
16	1408
18	1584
20	1760
22	1936

Barley: 71 mL / bu

Barley flow	Chemical flow
bu / min	mL / min
18	1278
20	1420
22	1562
24	1704
26	1846

Oats: 50 mL / bu

Oats flow	Chemical flow
bu / min	mL / min
24	1200
26	1300
28	1400
30	1500
32	1600

G3 Applicator Calibration

Lumiscend LUXE seed treatment by crop

D8 Disc / #25 Core / 16 Mesh Strainer

Wheat calibration | 88 mL / bu

Wheat flow (bu / min)	Pressure (p.s.i.)	Chemical flow (mL / min)
14.1	10	1241
17.3	15	1521
20.1	20	1768
22.7	25	2001

Barley calibration | 71 mL / bu

Barley flow (bu / min)	Pressure (p.s.i.)	Chemical flow (mL / min)
17.5	10	1241
21.4	15	1521
24.9	20	1768
28.2	25	2001

Oats calibration | 50 mL / bu

Oats flow (bu / min)	Pressure (p.s.i.)	Chemical flow (mL / min)
24.8	10	1241
30.4	15	1521

Operating notes

- Store Lumiscend LUXE above 10 degrees Celsius before applying.
- Thoroughly agitate using a slurry mixer or by circulating before applying.
- Settling can occur between uses.
- Close shutoff valves and keep air out of the system between applications.
- Clean up with water after extended use.