

Lumiscend™ LUXE seed treatment

Calibration - Wheat / Barley / Oats - G40 Applicator

Reference date: April 7, 2026

APPLICATION RATE	REQUIRED SETUP
325 mL / 100 kg seed	D10 Disc / #45 Core / 16 Mesh Strainer (G40 Standard Nozzle Kit)

Crop-specific flow conversions

Wheat: 88 mL / bu

Wheat flow	Chemical flow
bu / min	mL / min
18	1584
22	1936
26	2288
30	2640
34	2992
38	3344
42	3696

Barley: 71 mL / bu

Barley flow	Chemical flow
bu / min	mL / min
28	1988
32	2272
36	2556
40	2840
44	3124
48	3408
52	3692

Oats: 50 mL / bu

Oats flow	Chemical flow
bu / min	mL / min
34	1700
38	1900
42	2100
46	2300
50	2500
54	2700
58	2900
62	3100

G40 Applicator Calibration

Lumiscend LUXE seed treatment by crop

D10 Disc / #45 Core / 16 Mesh Strainer (G40 Standard Nozzle Kit)

Wheat calibration | 88 mL / bu

Wheat flow (bu / min)	Pressure (p.s.i.)	Chemical flow (mL / min)
19.3	10	1702
25.6	15	2253
30.4	20	2673
35.4	25	3111
39.0	30	3428
42.0	35	3694

Barley calibration | 71 mL / bu

Barley flow (bu / min)	Pressure (p.s.i.)	Chemical flow (mL / min)
24.0	10	1702
31.7	15	2253
37.6	20	2673
43.8	25	3111
48.3	30	3428
52.0	35	3694

Oats calibration | 50 mL / bu

Oats flow (bu / min)	Pressure (p.s.i.)	Chemical flow (mL / min)
34.0	10	1702
45.1	15	2253
53.5	20	2673
62.2	25	3111

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.