

Straxan™ fungicide seed treatment

Calibration - Wheat / Barley / Oats - A4 Applicator

Reference date: March 26, 2024

APPLICATION RATE	REQUIRED SETUP
325 mL / 100 kg seed	D5 Disc / #25 Core / 16 Mesh Strainer

Crop-specific flow conversions

Wheat: 88 mL / bu

Wheat flow	Chemical flow
bu / min	mL / min
10	880
12	1056
14	1232
16	1408
18	1584

Barley: 71 mL / bu

Barley flow	Chemical flow
bu / min	mL / min
12	852
14	994
16	1136
18	1278
20	1420
22	1562

Oats: 50 mL / bu

Oats flow	Chemical flow
bu / min	mL / min
16	800
18	900
20	1000
22	1100
24	1200
26	1300
28	1400

A4 Applicator Calibration

Straxan seed treatment by crop

D5 Disc / #25 Core / 16 Mesh Strainer

Wheat calibration | 88 mL / bu

Wheat flow (bu / min)	Pressure (p.s.i.)	Chemical flow (mL / min)
10.1	10	887
11.5	15	1014
12.9	20	1137
14.0	25	1231
15.0	30	1316
15.9	35	1396
16.8	40	1476

Barley calibration | 71 mL / bu

Barley flow (bu / min)	Pressure (p.s.i.)	Chemical flow (mL / min)
12.5	10	887
14.3	15	1014
16.0	20	1137
17.3	25	1231
18.5	30	1316
19.7	35	1396
20.8	40	1476

Oats calibration | 50 mL / bu

Oats flow (bu / min)	Pressure (p.s.i.)	Chemical flow (mL / min)
17.7	10	887
20.3	15	1014
22.7	20	1137
24.6	25	1231
26.3	30	1316
27.9	35	1396

Operating notes

- Thoroughly agitate Straxan seed treatment 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 D5 Disc / #25 Core / 16 Mesh Strainer.
- Blank off part of the auger inlet to limit grain flow to about 1/2 full flow.
- This will expose the most grain to the spray and maximize the uniformity of application.
- Determine grain flow rate by weighing a short run or timing the filling of a known-volume container.