

# Insure Cereal FX4 Seed Treatment and Water Mix Calibration (A4 Applicator) – D6 Disc/#25 Core/16 Mesh Strainer

## Mix Component Application Rate

Insure® Cereal FX4 Seed Treatment	300 ml/100 kg
Water	68 ml/100 kg
Total Slurry	368 ml/100 kg

## Insure Cereal FX4 + Water

Volume Requirements (L)			Bushels Treated (bu)		
Insure Cereal FX4	Water	Slurry	Wheat	Barley	Oats
9.8	2.2	12	120	150	211
19.6	4.4	24	240	300	422
29.4	6.6	36	360	451	632
39.2	8.9	48	481	601	843
49.0	11.1	60	601	751	1,054
58.8	13.3	72	721	901	1,265
68.6	15.5	84	841	1,051	1,476
78.4	17.7	96	961	1,201	1,686
88.2	19.9	108	1,081	1,352	1,897
98.0	22.1	120	1,201	1,502	2,108

**Insure® Cereal FX4**  
Seed Treatment

**BASF**  
We create chemistry

Wheat – @ 100 ml/bu (Slurry – 368 ml/100 kg)	
bu/min	ml/min
10	1,000
12	1,200
14	1,400
16	1,600
18	1,800
20	2,000

A4 Calibration – Insure Cereal FX4 + Water Slurry on Wheat D6 Disc/#25 Core/16 Mesh Strainer		
Wheat (bu/min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml/min)
10.1	10	1,012
12.0	15	1,201
13.5	20	1,348
14.9	25	1,485
16.0	30	1,599
17.1	35	1,707

Barley – @ 80 ml/bu (Slurry – 368 ml/100 kg)	
bu/min	ml/min
12	960
14	1,120
16	1,280
18	1,440
20	1,600
22	1,760

A4 Calibration – Insure Cereal FX4 + Water Slurry on Barley D6 Disc/#25 Core/16 Mesh Strainer		
Barley (bu/min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml/min)
12.7	10	1,012
15.0	15	1,201
16.9	20	1,348
18.6	25	1,485
20.0	30	1,599
21.3	35	1,707

Oats – @ 57 ml/bu (Slurry – 368 ml/100 kg)	
bu/min	ml/min
16	912
18	1026
20	1140
22	1254
24	1368

A4 Calibration – Insure Cereal FX4 + Water Slurry on Oats D6 Disc/#25 Core/16 Mesh Strainer		
Oats (bu/min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml/min)
17.8	10	1,012
21.1	15	1,201
23.6	20	1,348
26.1	25	1,485

### Important Notes:

- Thoroughly agitate Insure Cereal FX4 + water using a slurry mixer or by circulating before applying.
- Settling can occur between uses.
- Make sure proper nozzles and strainers are installed.
- **The required units are D6 Disc/#25 Core/16 Mesh Strainer.**
- Close shutoff valves and keep air out of system between applications.
- Clean up with water after extended use.
- Blank off part of auger inlet to limit grain flow to about 1/2 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.

### Questions?

For more information contact your local BASF Sales Representative or call **AgSolutions**® Customer Care at 1-877-371-BASF (2273).

# Insure® Cereal FX4

Seed Treatment

**Always read and follow label directions.**

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