

Teraxxa® F4

Seed Treatment

The proven seed treatment that eliminates wireworms in cereals.

In addition to providing exceptional protection against key diseases, Teraxxa® F4 is the proven cereal seed treatment on the market that provides true wireworm control by breaking the lifecycle.

- Unique, innovative insecticide mode of action
- Eliminates wireworms on contact
- All-in-one solution that includes broad-spectrum disease control
- Optimized formulation for superior handling

One case contains

2 x 9.8 L jugs
Also available in 120 L drum and 450 L tote

Crops

Wheat (all types) Triticale
Barley Rye
Oats Canary seed

Treatment info

Standard slurry, gravity flow
or mist-type seed treatment

Pests and disease management

Wireworms

Induces wireworm mortality and breaks the lifecycle, for true control.

Diseases

Fusarium spp.: seed rot, root rot, crown rot¹, foot rot¹, seedling blight, pre/post-emergence damping-off

Rhizoctonia solani: seed rot, root rot, seedling blight, pre/post-emergence damping-off

Cochliobolus sativus: seed rot, root rot¹, seedling blight¹, pre-emergence damping-off

Pythium spp.: seed rot, root rot, seedling blight, pre/post-emergence damping-off

¹Suppression only.

Application rates

The application rate for Teraxxa F4 seed treatment is 300 ml per 100 kg of seed.

Crop	Bushels (bu)/case	Bushels (bu)/120 L drum	Bushels (bu)/450 L tote
Barley	300 bu	1,837 bu	6,888 bu
Canary seed	288 bu	1,764 bu	6,614 bu
Oats	422 bu	2,584 bu	9,689 bu
Rye, triticale	256 bu	1,567 bu	5,878 bu
Wheat	240 bu	1,470 bu	5,510 bu

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Application tips

Thorough seed coverage offers the best protection from seed-borne, soil-borne and seedling diseases.

Do not use treated seed for food, feed or oil production.

Teraxxa F4 contains sufficient pigment to conspicuously colour and coat treated seed. Regulations pertaining to the colouration of treated seed enforced under the "Seeds Act" must be strictly adhered to when using Teraxxa F4. Consult agsolutions.ca for calibration information.

G40 Calibration.

Wheat - @ 81.6 ml / bu (Slurry - 300 ml / 100 kg)		G40 Calibration - Teraxxa F4 on Wheat. D10 Disc / #45 Core / 16 Mesh Strainer		
bu / min	ml / min	Wheat (bu / min)	Chemical Flow	
			Pressure (p.s.i.)	Slurry (ml / min)
26	2122	24.3	10	1982
30	2448	31.5	15	2569
34	2774	36.5	20	2981
38	3101	41.2	25	3361
42	3427			

Barley - @ 65.3 ml / bu (Slurry - 300 ml / 100 kg)		G40 Calibration - Teraxxa F4 on Barley. D10 Disc / #45 Core / 16 Mesh Strainer		
bu / min	ml / min	Barley (bu / min)	Chemical Flow	
			Pressure (p.s.i.)	Slurry (ml / min)
30	1959	30.4	10	1982
34	2220	39.3	15	2569
38	2481	45.7	20	2981
42	2743	51.5	25	3361
46	3004			
50	3265			

Oats - @ 46.3 ml / bu (Slurry - 300 ml / 100 kg)		G40 Calibration - Teraxxa F4 on Oats. D10 Disc / #45 Core / 16 Mesh Strainer		
bu / min	ml / min	Oats (bu / min)	Chemical Flow	
			Pressure (p.s.i.)	Slurry (ml / min)
44	2037	42.8	10	1982
48	2222	55.5	15	2569
52	2408	64.4	20	2981
56	2593			
60	2778			
64	2963			

Mix Component Application Rate	
Teraxxa F4	300 ml/100 kg
Water	68 ml/100 kg
Total Slurry	368 ml/100 kg

Teraxxa F4 + Water					
Volume Requirements (L)			Bushels Treated (bu)		
Teraxxa F4	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	1054
58.8	13.3	72	721	901	1265
68.6	15.5	84	841	1051	1476
78.4	17.7	96	961	1201	1686
88.2	19.9	108	1081	1352	1897
98.0	22.1	120	1201	1502	2108

G3 + Water Calibration.

Wheat - @ 100 ml / bu (Slurry - 368 ml / 100 kg)	
bu / min	ml / min
12	1200
14	1400
16	1600
18	1800
20	2000
22	2200

G3 Calibration - Teraxxa F4 + Water Slurry on Wheat. D8 Disc / #25 Core / 16 Mesh Strainer		
Wheat (bu / min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml / min)
11.6	10	1160
14.0	15	1404
16.1	20	1610
17.9	25	1793
19.3	30	1925
20.8	35	2080

Barley - @ 80 ml / bu (Slurry - 368 ml / 100 kg)	
bu / min	ml / min
16	1280
18	1440
20	1600
22	1760
24	1920
26	2080
28	2240

G3 Calibration - Teraxxa F4 + Water Slurry on Barley. D8 Disc / #25 Core / 16 Mesh Strainer		
Barley (bu / min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml / min)
14.5	10	1160
17.6	15	1404
20.1	20	1610
22.4	25	1793
24.1	30	1925
26.0	35	2080

Oats - @ 57 ml / bu (Slurry - 368 ml / 100 kg)	
bu / min	ml / min
24	1368
26	1482
28	1596
30	1710
32	1824

G3 Calibration - Teraxxa F4 + Water Slurry on Oats. D8 Disc / #25 Core / 16 Mesh Strainer		
Oats (bu / min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml / min)
20.4	10	1160
24.6	15	1404
28.2	20	1610
31.5	25	1793

A4 + Water Calibration.

Wheat - @ 100 ml / bu (Slurry - 368 ml / 100 kg)	
bu / min	ml / min
10	1000
12	1200
14	1400
16	1600
18	1800
20	2000

A4 Calibration - Teraxxa F4 + Water Slurry on Wheat. D6 Disc / #25 Core / 16 Mesh Strainer		
Wheat (bu / min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml / min)
8.9	10	887
10.6	15	1061
21.1	20	1211
13.5	25	1347
14.6	30	1460
15.8	35	1582
16.9	40	1690

Barley - @ 80 ml / bu (Slurry - 368 ml / 100 kg)	
bu / min	ml / min
12	960
14	1120
16	1280
18	1440
20	1600
22	1760

A4 Calibration - Teraxxa F4 + Water Slurry on Barley. D6 Disc / #25 Core / 16 Mesh Strainer		
Barley (bu / min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml / min)
11.1	10	887
13.3	15	1061
15.1	20	1211
16.8	25	1347
18.3	30	1460
19.8	35	1582
21.1	40	1690

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 - Teraxxa F4 + Water Slurry on Oats. D6 Disc / #25 Core / 16 Mesh Strainer		
Oats (bu / min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml / min)
15.6	10	887
18.6	15	1061
21.2	20	1211
23.6	25	1347

For A4 seed treating system:

Blank off part of the auger inlet to limit grain flow to about ½ full flow. This will expose the most grain to the spray and maximize the uniformity of application. Determine the grain flow rate by weighing a short run or timing the filling of a known volume container.

Important notes for G40, G3 and A4 systems:

- Thoroughly agitate Teraxxa F4 seed treatment + water using a slurry mixer or by circulating before applying (water for G3 & A4 systems only)
- Settling can occur between uses
- Make sure proper nozzles and strainers are installed
- Close shutoff valves and keep air out of system between applications
- Clean up with water after extended use

For more information, visit agsolutions.ca/TeraxxaF4, talk to your BASF AgSolutions® Grower or Retail Representative or call BASF AgSolutions Customer Care at 1-877-371-BASF (2273).

Always read and follow label directions.

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