Teraxxa® F4

Seed Treatment

The only one that eliminates wireworms in cereals.

In addition to providing exceptional protection against key diseases, new Teraxxa® F4 is the only 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)
Barley
Oats
Triticale
Rye
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 rot[1], foot rot[1], 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 rot[1], seedling blight[1], pre-emergence damping-off
Pythium spp.: seed rot, root rot, seedling blight, pre/post-emergence damping-off

[1] Suppression 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

BASF
We create chemistry

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)	
bu / min	ml / min
26	2122
30	2448
34	2774
38	3101
42	3427

G40 Calibration – Teraxxa F4 on Wheat. D10 Disc / #45 Core / 16 Mesh Strainer		
Wheat (bu / min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml / min)
24.3	10	1982
31.5	15	2569
36.5	20	2981
41.2	25	3361

Barley - @ 65.3 ml / bu (Slurry – 300 ml / 100 kg)	
bu / min	ml / min
30	1959
34	2220
38	2481
42	2743
46	3004
50	3265

G40 Calibration – Teraxxa F4 on Barley. D10 Disc / #45 Core / 16 Mesh Strainer		
Barley (bu / min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml / min)
30.4	10	1982
39.3	15	2569
45.7	20	2981
51.5	25	3361

Oats - @ 46.3 ml / bu (Slurry – 300 ml / 100 kg)	
bu / min	ml / min
44	2037
48	2222
52	2408
56	2593
60	2778
64	2963

G40 Calibration – Teraxxa F4 on Oats. D10 Disc / #45 Core / 16 Mesh Strainer		
Oats (bu / min)	Chemical Flow	
	Pressure (p.s.i.)	Slurry (ml / min)
42.8	10	1982
55.5	15	2569
64.4	20	2981

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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Seed Treatment