

Vibrance XL mixed with AWAKEN ST (Low Rate) on Wheat / Barley

Calibration for Wheat / Barley - G3 Applicator

Nozzle used - D8 Disc / #25 Core / 16 Mesh Strainer

Mix component application rates	Applied Slurry volumes	Mar. 8, 2013
Vibrance XL - 180 mL / 100 Kg	Wheat - 120 mL / bu	
Awaken ST (Low Rate) - 260 mL / 100 Kg	Barley - 96 mL / bu	
Total Slurry - 440 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Vibrance XL	Awaken (Low Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
5.54	8.0	13.5	113	141
11.08	16.0	27.1	226	282
16.62	24.0	40.6	338	423
22.16	32.0	54.2	451	564
27.70	40.0	67.7	564	705
33.24	48.0	81.2	677	846
38.78	56.0	94.8	790	987
44.32	64.0	108.3	903	1128
49.86	72.0	121.9	1015	1269
55.40	80.0	135.4	1128	1410

G3 Pressure Calibration Table

Vibrance XL + Awaken (Low Rate) on Wheat

D8 Disc / #25 Core / 16 Mesh Strainer

Seed Rate	Slurry		Seed Rate	Slurry	
	Pressure	Volume		Pressure	Volume
bu / min	p.s.i.	mL / min	bu / min	p.s.i.	mL / min
12.0	10	1440	15.0	10	1440
14.3	15	1711	17.8	15	1711
16.1	20	1931	20.1	20	1931
18.0	25	2155	22.4	25	2155
19.6	30	2349	24.5	30	2349
21.0	35	2517	26.2	35	2517
22.3	40	2681	27.9	40	2681

Wheat - 120 mL/bu slurry volume

Barley - 96 mL/bu slurry volume

Notes

This mixture was tested for flow calibration only.

Check with your product supplier for chemical compatibility or crop suitability.

Thoroughly agitate slurry before pumping; settling can occur between uses.

Close shutoff valves and keep air out of system between applications.

Make sure nozzle used is - D8 Disc / #25 Core / 16 Mesh Strainer

Flows will vary depending on temperature, and the size and length of the discharge tubing.

Clean up with water after extended use.

Dividend XL RTA mixed with AWAKEN ST (Low Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Apr.2, 2012
Dividend XL RTA - 325 mL / 100 Kg	Wheat - 159 mL / bu	
Awaken ST (Low Rate) - 260 mL / 100 Kg	Barley - 127 mL / bu	
Total Slurry - 585 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Dividend XL RTA	Awaken (Low Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
10.0	8.0	18.0	113	142
20.0	16.0	36.0	226	283
30.0	24.0	54.0	340	425
40.0	32.0	72.0	453	567
50.0	40.0	90.0	566	709
60.0	48.0	108.0	679	850
70.0	56.0	126.0	792	992
80.0	64.0	144.0	906	1134
90.0	72.0	162.0	1019	1276
100.0	80.0	180.0	1132	1417

G3 Pressure Calibration Table

Dividend with Awaken (Low Rate) on Wheat

D10 Disc / #45 Core / 16 Mesh Strainer

Seed	Slurry	
Rate	Pressure	Volume
bu / min	p.s.i.	mL / min
13.2	10	2098
15.9	15	2529
18.1	20	2884
20.1	25	3196
22.0	30	3499

G3 Pressure Calibration Table

Dividend with Awaken (Low Rate) on Barley

D10 Disc / #45 Core / 16 Mesh Strainer

Seed	Slurry	
Rate	Pressure	Volume
bu / min	p.s.i.	mL / min
16.5	10	2098
19.9	15	2529
22.7	20	2884
25.2	25	3196
27.6	30	3499

Wheat - 159 mL/bu slurry volume

Barley - 127 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatability or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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Raxil WW mixed with AWAKEN ST (High Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Apr.2, 2012
Raxil WW - 363 mL / 100 Kg	Wheat - 182 mL / bu	
Awaken ST (High Rate) - 307 mL / 100 Kg	Barley - 146 mL / bu	
Total Slurry - 670 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Raxil WW	Awaken (High Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
12.1	10.2	22.3	123	153
24.2	20.5	44.7	245	306
36.3	30.7	67.0	368	459
48.4	40.9	89.3	491	612
60.5	51.2	111.7	614	765
72.6	61.4	134.0	736	918
84.7	71.7	156.4	859	1071
96.8	81.9	178.7	982	1224
108.9	92.1	201.0	1105	1377
121.0	102.4	223.4	1227	1530

G3 Pressure Calibration Table**G3 Pressure Calibration Table**Raxil WW with **Awaken (High Rate)** on WheatRaxil WW with **Awaken (High Rate)** on Barley**D10 Disc / #45 Core / 16 Mesh Strainer****D10 Disc / #45 Core / 16 Mesh Strainer**

Seed Rate	Slurry		Seed Rate	Slurry	
	Pressure	Volume		Pressure	Volume
bu / min	p.s.i.	mL / min	bu / min	p.s.i.	mL / min
11.5	10	2098	14.4	10	2098
14.5	15	2642	18.1	15	2642
16.4	20	2978	20.4	20	2978
18.3	25	3333	22.8	25	3333
19.9	30	3625	24.8	30	3625
21.7	35	3949	27.0	35	3949

Wheat - 182 mL/bu slurry volume

Barley - 146 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatibility or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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Raxil WW mixed with AWAKEN ST (Low Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Apr.2, 2012
Raxil WW - 363 mL / 100 Kg	Wheat - 170 mL / bu	
Awaken ST (Low Rate) - 260 mL / 100 Kg	Barley - 136 mL / bu	
Total Slurry - 623 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Raxil WW	Awaken (Low Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
12.1	8.7	20.8	122	153
24.2	17.3	41.5	244	305
36.3	26.0	62.3	366	458
48.4	34.7	83.1	489	611
60.5	43.3	103.8	611	763
72.6	52.0	124.6	733	916
84.7	60.6	145.3	855	1069
96.8	69.3	166.1	977	1221
108.9	78.0	186.9	1099	1374
121.0	86.6	207.6	1221	1527

G3 Pressure Calibration Table			G3 Pressure Calibration Table		
Raxil WW with Awaken (Low Rate) on Wheat			Raxil WW with Awaken (Low Rate) on Barley		
D10 Disc / #45 Core / 16 Mesh Strainer			D10 Disc / #45 Core / 16 Mesh Strainer		
Seed	Slurry		Seed	Slurry	
Rate	Pressure	Volume	Rate	Pressure	Volume
bu / min	p.s.i.	mL / min	bu / min	p.s.i.	mL / min
12.3	10	2098	15.4	10	2098
15.5	15	2642	19.4	15	2642
17.5	20	2978	21.9	20	2978
19.6	25	3333	24.5	25	3333
21.3	30	3625	26.7	30	3625

Wheat - 170 mL/bu slurry volume

Barley - 136 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatability or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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Raxil MD mixed with AWAKEN ST (High Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Apr.1, 2012
Raxil MD - 300 mL / 100 Kg	Wheat - 165 mL / bu	
Awaken ST (High Rate) - 307 mL / 100 Kg	Barley - 132 mL / bu	
Total Slurry - 607 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Raxil MD	Awaken (High Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
10.0	10.2	20.2	123	153
20.0	20.5	40.5	245	307
30.0	30.7	60.7	368	460
40.0	40.9	80.9	490	613
50.0	51.2	101.2	613	766
60.0	61.4	121.4	736	920
70.0	71.6	141.6	858	1073
80.0	81.8	161.8	981	1226
90.0	92.1	182.1	1103	1379
100.0	102.3	202.3	1226	1533

G3 Pressure Calibration Table**G3 Pressure Calibration Table**Raxil MD with **Awaken (High Rate)** on WheatRaxil MD with **Awaken (High Rate)** on Barley**D10 Disc / #45 Core / 16 Mesh Strainer****D10 Disc / #45 Core / 16 Mesh Strainer**

Seed	Slurry		Seed	Slurry	
Rate	Pressure	Volume	Rate	Pressure	Volume
bu / min	p.s.i.	mL / min	bu / min	p.s.i.	mL / min
12.9	10	2125	16.1	10	2125
15.8	15	2608	19.8	15	2608
18.1	20	2983	22.6	20	2983
20.3	25	3357	25.4	25	3357
22.2	30	3655	27.7	30	3655

Wheat - 165 mL/bu slurry volume

Barley - 132 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatibility or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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Raxil MD mixed with AWAKEN ST (Low Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Apr.1, 2012
Raxil MD - 300 mL / 100 Kg	Wheat - 152 mL / bu	
Awaken ST (Low Rate) - 260 mL / 100 Kg	Barley - 122 mL / bu	
Total Slurry - 560 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Raxil MD	Awaken (Low Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
10.0	8.7	18.7	123	153
20.0	17.3	37.3	246	306
30.0	26.0	56.0	368	459
40.0	34.7	74.7	491	612
50.0	43.4	93.4	614	765
60.0	52.0	112.0	737	918
70.0	60.7	130.7	860	1071
80.0	69.4	149.4	983	1224
90.0	78.0	168.0	1105	1377
100.0	86.7	186.7	1228	1530

G3 Pressure Calibration Table

Raxil MD with Awaken (Low Rate) on Wheat

D10 Disc / #45 Core / 16 Mesh Strainer

Seed Rate	Slurry	
	Pressure	Volume
bu / min	p.s.i.	mL / min
14.0	10	2125
17.2	15	2608
19.6	20	2983
22.1	25	3357

G3 Pressure Calibration Table

Raxil MD with Awaken (Low Rate) on Barley

D10 Disc / #45 Core / 16 Mesh Strainer

Seed Rate	Slurry	
	Pressure	Volume
bu / min	p.s.i.	mL / min
17.4	10	2125
21.4	15	2608
24.5	20	2983
27.5	25	3357

Wheat - 152 mL/bu slurry volume

Barley - 122 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatibility or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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Rancona mixed with AWAKEN ST (High Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Apr.1, 2012
Rancona - 325 mL / 100 Kg	Wheat - 172 mL / bu	
Awaken ST (High Rate) - 307 mL / 100 Kg	Barley - 138 mL / bu	
Total Slurry - 632 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Rancona	Awaken (High Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
10.0	9.5	19.5	113	141
20.0	18.9	38.9	226	282
30.0	28.4	58.4	339	423
40.0	37.8	77.8	452	564
50.0	47.3	97.3	565	705
60.0	56.7	116.7	678	846
70.0	66.2	136.2	792	987
80.0	75.6	155.6	905	1128
90.0	85.1	175.1	1018	1268
100.0	94.5	194.5	1131	1409

G3 Pressure Calibration TableRancona with **Awaken (High Rate)** on Wheat**D10 Disc / #45 Core / 16 Mesh Strainer**

Seed	Slurry	
Rate	Pressure	Volume
bu / min	p.s.i.	mL / min
13.1	10	2258
15.8	15	2710
17.7	20	3046
19.3	25	3323
20.6	30	3547

G3 Pressure Calibration TableRancona with **Awaken (High Rate)** on Barley**D10 Disc / #45 Core / 16 Mesh Strainer**

Seed	Slurry	
Rate	Pressure	Volume
bu / min	p.s.i.	mL / min
16.4	10	2258
19.6	15	2710
22.1	20	3046
24.1	25	3323
25.7	30	3547

Wheat - 172 mL/bu slurry volume

Barley - 138 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatability or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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Rancona mixed with AWAKEN ST (Low Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Mar. 31, 2012
Rancona - 325 mL / 100 Kg	Wheat - 159 mL / bu	
Awaken ST (Low Rate) - 260 mL / 100 Kg	Barley - 127 mL / bu	
Total Slurry - 585 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Rancona	Awaken (Low Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
10.0	8.0	18.0	113	142
20.0	16.0	36.0	226	283
30.0	24.0	54.0	340	425
40.0	32.0	72.0	453	567
50.0	40.0	90.0	566	709
60.0	48.0	108.0	679	850
70.0	56.0	126.0	792	992
80.0	64.0	144.0	906	1134
90.0	72.0	162.0	1019	1276
100.0	80.0	180.0	1132	1417

G3 Pressure Calibration TableRancona with **Awaken (Low Rate)** on Wheat**D10 Disc / #45 Core / 16 Mesh Strainer**

Seed Rate	Slurry	
	Pressure	Volume
bu / min	p.s.i.	mL / min
14.2	10	2258
17.0	15	2710
19.2	20	3046
20.9	25	3323
22.3	30	3547

G3 Pressure Calibration TableRancona with **Awaken (Low Rate)** on Barley**D10 Disc / #45 Core / 16 Mesh Strainer**

Seed Rate	Slurry	
	Pressure	Volume
bu / min	p.s.i.	mL / min
17.8	10	2258
21.3	15	2710
24.0	20	3046
26.2	25	3323
27.9	30	3547

Wheat - 159 mL/bu slurry volume

Barley - 127 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatability or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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Dividend XL RTA mixed with AWAKEN ST (High Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Apr.1, 2012
Dividend XL RTA - 325 mL / 100 Kg	Wheat - 172 mL / bu	
Awaken ST (High Rate) - 307 mL / 100 Kg	Barley - 138 mL / bu	
Total Slurry - 632 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Dividend XL RTA	Awaken (High Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
10.0	9.5	19.5	113	141
20.0	18.9	38.9	226	282
30.0	28.4	58.4	339	423
40.0	37.8	77.8	452	564
50.0	47.3	97.3	565	705
60.0	56.7	116.7	678	846
70.0	66.2	136.2	792	987
80.0	75.6	155.6	905	1128
90.0	85.1	175.1	1018	1268
100.0	94.5	194.5	1131	1409

G3 Pressure Calibration TableDividend with **Awaken (High Rate)** on Wheat**D10 Disc / #45 Core / 16 Mesh Strainer**

Seed	Slurry	
Rate	Pressure	Volume
bu / min	p.s.i.	mL / min
12.2	10	2098
14.7	15	2529
16.8	20	2884
18.6	25	3196
20.3	30	3499
21.8	35	3753

Wheat - 172 mL/bu slurry volume

G3 Pressure Calibration TableDividend with **Awaken (High Rate)** on Barley**D10 Disc / #45 Core / 16 Mesh Strainer**

Seed	Slurry	
Rate	Pressure	Volume
bu / min	p.s.i.	mL / min
15.2	10	2098
18.3	15	2529
20.9	20	2884
23.2	25	3196
25.4	30	3499
27.2	35	3753

Barley - 138 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatability or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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Cruiser Maxx Cereals mixed with AWAKEN ST (High Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Apr.3, 2012
Cruiser Maxx Cereals - 325 mL / 100 Kg	Wheat - 172 mL / bu	
Awaken ST (High Rate) - 307 mL / 100 Kg	Barley - 138 mL / bu	
Total Slurry - 632 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Cruiser Maxx Cereals	Awaken (High Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
10.0	9.5	19.5	113	141
20.0	18.9	38.9	226	282
30.0	28.4	58.4	339	423
40.0	37.8	77.8	452	564
50.0	47.3	97.3	565	705
60.0	56.7	116.7	678	846
70.0	66.2	136.2	792	987
80.0	75.6	155.6	905	1128
90.0	85.1	175.1	1018	1268
100.0	94.5	194.5	1131	1409

G3 Pressure Calibration Table**G3 Pressure Calibration Table**

Cruiser Maxx Cereals + Awaken (High Rate) on Wheat

Cruiser Maxx Cereals + Awaken (High Rate) on Barley

D10 Disc / #45 Core / 16 Mesh Strainer**D10 Disc / #45 Core / 16 Mesh Strainer**

Seed	Slurry		Seed	Slurry	
Rate	Pressure	Volume	Rate	Pressure	Volume
bu / min	p.s.i.	mL / min	bu / min	p.s.i.	mL / min
12.2	10	2098	15.2	10	2098
14.5	15	2500	18.1	15	2500
16.5	20	2846	20.6	20	2846
18.4	25	3158	22.9	25	3158
20.1	30	3453	25.0	30	3453
21.5	35	3705	26.8	35	3705
22.9	40	3944	28.6	40	3944

Wheat - 172 mL/bu slurry volume

Barley - 138 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatibility or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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Cruiser Maxx Cereals mixed with AWAKEN ST (Low Rate) on Wheat / Barley**Calibration for Wheat / Barley - G3 Applicator****Nozzle used - D10 Disc / #45 Core / 16 Mesh Strainer**

Mix component application rates	Applied Slurry volumes	Apr.3, 2012
Cruiser Maxx Cereals - 325 mL / 100 Kg	Wheat - 159 mL / bu	
Awaken ST (Low Rate) - 260 mL / 100 Kg	Barley - 127 mL / bu	
Total Slurry - 585 mL / 100 Kg		

Slurry Mix Chart

Component Volumes Required			Bushels Treated	
Cruiser Maxx Cereals	Awaken (Low Rate)	Slurry	Wheat	Barley
Liters	Liters	Liters	bu	bu
10.0	8.0	18.0	113	142
20.0	16.0	36.0	226	283
30.0	24.0	54.0	340	425
40.0	32.0	72.0	453	567
50.0	40.0	90.0	566	709
60.0	48.0	108.0	679	850
70.0	56.0	126.0	792	992
80.0	64.0	144.0	906	1134
90.0	72.0	162.0	1019	1276
100.0	80.0	180.0	1132	1417

G3 Pressure Calibration Table**G3 Pressure Calibration Table**

Cruiser Maxx Cereals + Awaken (Low Rate) on Wheat

Cruiser Maxx Cereals + Awaken (Low Rate) on Barley

D10 Disc / #45 Core / 16 Mesh Strainer**D10 Disc / #45 Core / 16 Mesh Strainer**

Seed	Slurry		Seed	Slurry	
Rate	Pressure	Volume	Rate	Pressure	Volume
bu / min	p.s.i.	mL / min	bu / min	p.s.i.	mL / min
13.2	10	2098	16.5	10	2098
15.7	15	2500	19.7	15	2500
17.9	20	2846	22.4	20	2846
19.9	25	3158	24.9	25	3158
21.7	30	3453	27.2	30	3453
23.3	35	3705	29.2	35	3705

Wheat - 159 mL/bu slurry volume

Barley - 127 mL/bu slurry volume

Notes**This mixture was tested for flow calibration only.****Check with your product supplier for chemical compatability or crop suitability.****Thoroughly agitate slurry before pumping; settling can occur between uses.****Close shutoff valves and keep air out of system between applications.****Make sure nozzle used is - D10 Disc / #45 Core / 16 Mesh Strainer****Flows will vary depending on temperature, and the size and length of the discharge tubing.****Clean up with water after extended use.**

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AWAKEN ST Calibration - Barley / Wheat - G3 Applicator					
Nozzle used - D8 Disc / #25 Core / 16 Mesh Strainer					
					Mar. 31/2012
Wheat - @ 106 mL / bu (390 mL / 100 kg)		G3 calibration - AWAKEN ST on Wheat			
		D8 Disc / #25 Core			
		Wheat	Chemical Flow		
bu / min	mL / min	bu / min	Pressure p.s.i.	D8 Disc / #25 Core mL / min	
10	1060	11.2	10	1192	
12	1272	13.5	15	1436	
14	1484	15.7	20	1660	
16	1696	17.2	25	1820	
18	1908	18.4	30	1955	
20	2120	20.0	35	2115	
22	2332	21.4	40	2266	
Barley @ 85 mL / bu (390 mL / 100 kg)		G3 calibration - AWAKEN ST on Barley			
		D8 Disc / #25 Core			
		Barley	Chemical Flow		
bu / min	mL / min	bu / min	Pressure p.s.i.	D8 Disc / #25 Core mL / min	
14	1190	14.0	10	1192	
16	1360	16.9	15	1436	
18	1530	19.5	20	1660	
20	1700	21.4	25	1820	
22	1870	23.0	30	1955	
24	2040	24.9	35	2115	
26	2210	26.7	40	2266	
Notes					
Check with your product supplier for chemical compatability or crop suitability.					
Make sure nozzle used is - D8 Disc / #25 Core / 16 Mesh Strainer					
Close shutoff valves and keep air out of system between applications.					
We recommend draining the tank daily and flushing the entire system including the treater.					
This will prevent plugged strainers and pump valve failure.					
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