2009 Cereal Seed Treatment Comparison

Products	CHARTER CEREAL SEED TREATMENT	VITAFLO®-280	Raxil® MD	Raxil® T	Dividend® XL RTA®	GEMINI® CEREAL SEED TREATMENT Star Performance™
Active Ingredient	Triticonazole	Carbathiin & Thiram	Tebuconazole & Metalaxyl	Tebuconazole & Thiram	Difenoconazole & Metaxyl-M	Triticonazole & Thiram
Solvent/Water	Water Based	Water Based	Water Based	Water Based	Water Based	Water Based
Cereal Crops Registered	Wheat, Barley & Oats	Wheat, Barley, Oats, Rye, & Triticale	Wheat, Barley & Oats	Wheat, Barley & Oats	Wheat, Barley, Oats, Rye, Triticale & Winter Wheat	Wheat, Barley & Oats
Key WHEAT Diseases Controlled	Loose smut Common bunt *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Cochliobolus* seedling blight*	**HIGH RATE ONLY** Loose smut Common bunt *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Cochliobolus* seedling blight* *Pythium* seed rot & seedling blight	Loose smut Common bunt *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Cochliobolus* seedling blight* *Pythium* damping-off	Loose smut Common bunt *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Cochliobolus* seedling blight *Pythium* damping-off	Loose smut Common bunt *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Pythium* damping-off Take All*	Loose smut Common bunt *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Cochliobolus* seedling blight* *Pythium* damping-off
Key BARLEY Diseases Controlled	True Loose Smut Covered smut False loose smut *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Cochliobolus* seedling blight*	**HIGH RATE ONLY** True Loose Smut Covered smut False loose smut *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Cochliobolus* seedling blight* *Pythium* seed rot & seedling blight	True Loose Smut Covered smut False loose smut *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Cochliobolus* seedling blight* *Pythium* damping-off	True Loose Smut Covered smut False loose smut *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot *Cochliobolus* seedling blight *Pythium* damping-off	Covered smut False loose smut *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Pythium* damping-off Take All*	True Loose Smut Covered smut False loose smut *Fusarium* seed rot *Fusarium* seedling blight *Fusarium* crown & root rot* *Cochliobolus* root rot* *Cochliobolus* seedling blight* *Pythium* damping-off
Common Rate bu/jug	**Wheat:** 114 bu/6.2L jug **Barley:** 142 bu/6.2L jug **Oats:** 201 bu/6.2L jug	**HIGH RATE ONLY** **Wheat:** 111 bu/10L jug **Barley:** 139 bu/10L jug **Oats:** 196 bu/10L jug	**Wheat:** 122bu/10L jug **Barley:** 153bu/10L jug **Oats:** 216/10L jug	**Wheat:** 163 bu/10L jug **Barley:** 204 bu/10L jug **Oats:** 288 bu/10L jug	**Wheat:** 113 bu/10L jug **Barley:** 141 bu/10L jug **Oats:** 199 bu/10L jug	**Wheat:** 61 bu/6L jug **Barley:** 76 bu/6L jug **Oats:** 108 bu/6L jug
2009 SGP Cost/bu	**Wheat:** $2.03 **Barley:** $1.62 **Oats:** $1.15	**HIGH RATE ONLY** **Wheat:** $2.58 **Barley:** $2.02 **Oats:** $1.43	**Wheat:** $2.46 **Barley:** $1.97 **Oats:** $1.39	**Wheat:** $2.28 **Barley:** $1.82 **Oats:** $1.28	**Wheat:** $2.71 **Barley:** $2.16 **Oats:** $1.53	**Wheat:** $2.30 **Barley:** $1.84 **Oats:** $1.30

*Suppression

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