

**Table I. Wheat Seed Treatment Fungicides (2017)**

Trade Name Active Ingredients (%)	Rate (per 100 lb)	Trade Name Active Ingredients (%)	Rate (per 100 lb)
<b>Allegiance Dry</b> Metalaxyl 12.5%	1.5-2.0 oz	<b>Mertect 340-F</b> Thiabendazole 42.3%	0.17-3.19 oz
<b>Allegiance FL</b> Metalaxyl 28.35%	0.1-0.375 oz	<b>Maxim XL</b> Fludioxonil 21.0% + Mefenoxam 8.4%	0.167-0.334 oz
<b>Allegiance LS</b> Metalaxyl 17.7%	1.175-0.66 oz	<b>ManKocide</b> Copper Hydroxide 46.1% + Mancozeb 15.0%	4.0 oz
<b>Apron XL</b> Mefenoxam 33.3%	0.0425-0.085 oz	<b>NipsIt Suite Cereals</b> Metalaxyl 0.88% + Metconazole 0.44% + <i>Clothianidin 2.93% (I)</i>	5.0-7.5 oz
<b>Charter</b> Triticonazole 2.4%	3.1 oz	<b>Penncozeb 75DF</b> Mancozeb 75.0%	2.3-3.5 oz
<b>Charter F2</b> Metalaxyl 0.79% + Triticonazole 1.32%	5.4 oz	<b>Penncozeb 80WP</b> Mancozeb 80.0%	2.2-3.3 oz
<b>Charter PB</b> Thiram 12.5% + Triticonazole 1.25%	5.5 oz	<b>Proceed</b> Metalaxyl 2.75% + Prothioconazole 6.88% + Tebuconazole 1.38%	1.0-1.5 oz
<b>CruiserMaxx Cereals</b> Difenoconazole 3.36% + Mefenoxam 0.56% + <i>Thiamethoxam 2.8% (I)</i>	5.0 oz	<b>Prevail</b> Carboxin 15.0% + PCNB 15.0% + Metalaxyl 3.12%	1.5-3.0 oz per bushel
<b>CruiserMaxx Vibrance Cereals</b> Difenoconazole 3.34% + Mefenoxam 0.86% + Sedaxane 0.72% + <i>Thiamethoxam 2.78% (I)</i>	5.0-10.0 oz	<b>Rancona Crest</b> Ipconazole 0.421% + Metalaxyl 0.562% + <i>Imidacloprid 14.1% (I)</i>	5.0-8.33 oz
<b>Dithane F-45 Rainshield</b> Mancozeb 37.0%	1.6 qt/ac	<b>Rancona Pinnacle</b> Ipconazole 0.434% + Metalaxyl 0.579%	5.0-8.33 oz

<b>Dithane M-45</b> Mancozeb 80.0%	2.0 lb	<b>Rancona V 100 Pro FS</b> Carboxin 35.52% + Ipconazole 2.22%	0.9-1.5 oz
<b>Dyna-Shield Foothold</b> Metalaxyl 0.668% + Tebuconazole 0.499%	5.0-6.5 oz	<b>Rancona V RTU FS</b> Carboxin 12.58% + Ipconazole 0.47% + Metalaxyl 1.26%	4.6 oz
<b>Dyna-Shield Foothold Extra</b> Metalaxyl 0.607% + Tebuconazole 0.455% + <i>Imidacloprid 11.374% (I)</i>	3.4-5.0 oz	<b>Raxil</b> Tebuconazole 28.3%	0.1 oz
<b>Dyna-Shield Metalaxyl</b> Metalaxyl 28.35%	0.1-0.375 oz	<b>Raxil MD</b> Metalaxyl 0.64% + Tebuconazole 0.48%	5.0-6.5 oz
<b>Dyna-Shield Metalaxyl 318 FS</b> Metalaxyl 30.14%	0.1-0.375 oz	<b>Raxil MD-W</b> Metalaxyl 0.615% + Tebuconazole 0.461% + <i>Imidacloprid 1.538% (I)</i>	5.0 oz
<b>Dynasty</b> Azoxystrobin 9.6%	0.153-0.382 oz	<b>Raxil MD Extra</b> Imazalil 1.0% + Metalaxyl 0.58% + Tebuconazole 0.43%	5.0 oz
<b>Dyna-Shield Fludioxonil</b> Fludioxonil 40.3%	0.08-0.16 oz	<b>Raxil MD Extra-W</b> Imazalil 0.965% + Metalaxyl 0.56% + Tebuconazole 0.415% + <i>Imidacloprid 1.384% (I)</i>	5.14 oz
<b>Dyna-Shield Small Grains</b> Metalaxyl 0.64% + Tebuconazole 0.48%	5.0-6.5 oz	<b>Raxil Thiram</b> Tebuconazole 0.6% + Thiram 20.0%	3.5-4.6 oz
<b>EverGol Energy</b> Metalaxyl 5.74% + Penflufen 3.59% + Prothioconazole 7.18%	1.0 oz	<b>Raxil XT Wettable Powder</b> Metalaxyl 20.0% + Tebuconazole 15.0%	0.16-0.2 oz
<b>Grain Guard</b> Mancozeb 50.0%	3.3 oz	<b>Vibrance</b> Sedaxane 43.7%	0.08-0.16 oz

<b>Incentive RTA</b> Difenoconazole 3.21% + Mefenoxam 0.27%	2.5-10.0 oz	<b>Vibrance Extreme</b> Difenoconazole 5.86% + Mefenoxam 1.46% + Sedaxane 1.22%	2.8-5.6 oz
<b>LSP</b> Thiabendazole 30.0%	2.0-4.0 oz	<b>Vitavax-34</b> Carboxin 34.0%	2.0-3.0 oz
<b>Maxim 4FS</b> Fludioxonil 40.3%	0.08-0.16 oz		

Source: Nebraska Extension *2017 Guide for Weed, Disease, and Insect Management in Nebraska* (EC 130). Purchase at <http://go.unl.edu/ec130>.