Table 4. List of seed treatments used on corn hybrids entered in the 2020 UW corn trials.

Seed	Treatment Mix		Grain yield‡		Forage yield‡	
Trt.†	Biological | Fungicide | Insecticide | Micronutrients | Nematicide | PGR	Brand	N	Bu/A	N	Bu/A
3	Untreated		14			
53	clothianidin | bacillus firmus		240	* -0.3	102	* -0.02
97	azoxystrobin+fludioxonil | thiamethoxam				12	
128	azoxystrobin+fludioxonil+mefenoxam+thiabendazole	Maxim Quattro	156	-4.6	81	* 0.51
133	azoxystrobin+fludioxonil+mefenoxam+thiabendazole l thiamethoxam	Maxim Quattro+Cruiser250	16			
136	ipconazole+mefenoxam+trifloxystrobin | clothianidin | bacillus firmus	Acceleron+Poncho500+VOTiVO	412	* -0.7	141	-0.09
147	mefenoxam+ipconazole+trifloxystrobin | clothianidin | bacillus firmus	Acceleron+Poncho250+VOTiVO	12		12	
149	azoxystrobin+fludioxonil+mefenoxam+thiabendazole | thiamethoxam	CruiserMaxx Corn250	200	-2.3	177	-0.13
151	mefenoxam+ipconazole+trifloxystrobin | clothianidin	Acceleron 250	504	* 2.1	126	-0.10
164	azoxystrobin+fludioxonil+mefenoxam+thiabendazole | thiamethoxam | bacillus amyloliquefaciens+trichoderma virens	CruiserMaxx Corn250+Quickroots	82	-11.0		
167	sedaxane+mefenoxam+azoxystrobin+fludioxonil | thiamethoxam | abamectin	Avicta Complete 250+Vibrance	360	-7.0	212	-0.07
170	humic acid	1R - seed treatment	78			
173	azoxystrobin+fludioxonil+mefenoxam+sedaxane| thiamethoxam | abamectin	Avicta Complete 500+Vibrance	40		84	* 0.17
174	mefenoxam+ipconazole+trifloxystrobin | clothianidin	Acceleron 500	328	* 4.5	168	* 0.30
175	azoxystrobin+fludioxonil +mefenoxam+sedaxane+thiabendazole | thiamethoxam	CruiserMaxx Corn250+Vibrance	121	-3.8	87	* -0.03
178	azoxystrobin+ethaboxam+fludioxonil +mefenoxam+sedaxane+thiabendazole | thiamethoxam	CruiserMaxx500+Intego+Vibrance			21	
190	metalaxyl+fluoxastrobin+prothioconazole | clothianidin		62	-8.8		
191	metalaxyl+fluoxastrobin+prothioconazole | clothianidin | bacillus firmus				12	
194	humic acid+microbials	1R seed treatment+SabrEx	74		87	-1.04
204	azoxystrobin+fludioxonil+mefenoxam+thiabendazole l thiamethoxam | zinc	Maxim Quattro+Cruiser250+Zinc	25			
210	penicillium bilaii+LCO SP104 | metalaxyl+fluoxastrobin+prothioconazole | clothianidin | bacillus firmus		8		21	
212	metalaxyl+fluoxastrobin+prothioconazole | clothianidin | zinc		8			
218	penicillium bilaii+LCO SP104 | metalaxyl+fluoxastrobin+prothioconazole | clothianidin | bacillus firmus		113	-6.1	72	* 0.31
224	metalaxyl+fluoxastrobin+prothioconazole | clothianidin | bacillus firmus				51	* -0.02
225	LCO SP104 | clothianidin | Bacillus firmus	Cruiser250+Sabre Ex+Excalibur	146	-4.1	72	* 0.10
227	LCO SP104 | clothianidin				15	
228		AgriShield Max	58	* 0.8	12	
229		Escalate+Poncho/VOTiVO 2.0	32			
230	azoxystrobin+fludioxonil+mefenoxam+thiabendazole+Ipconazole+ethaboxam | clothianidin | bacillus firmus	Lumigen+Poncho500+Votivo	225	* 6.2	75	* 0.25
231	azoxystrobin+fludioxonil+metalaxyl+mefenoxam+thiabendazole+Ipconazole+ ethaboxam | clothianidin | bacillus firmus	Lumigen+Poncho1250+Votivo	238	* 5.5	129	* 0.37
232	LCO SP104 | metalaxyl+fluoxastrobin+prothioconazole | clothianidin		207	* 6.0	87	-0.28
233	LCO SP104 | metalaxyl+fluoxastrobin+prothioconazole | clothianidin | bacillus firmus		181	-2.5	69	-0.26
234	mefenoxam+ipconazole+trifloxystrobin | clothianidin	Acceleron 250+FederalArmourGuard	81	-3.8	30	
235		Acceleron B-300 SAT+Acceleron B-360 ST | Metalaxyl+Fluoxastrobin+Proth	15			
236	LCO SP104 | metalaxyl+fluoxastrobin+prothioconazole | clothianidin		27			
237	azoxystrobin+ethaboxam+fludioxonil+ipconazole+mefenoxam+thiabendazole +tebuconazole | clothianidin+chlorantraniliprole | bacillus firmus	Powershield	17			
	LSD (0.10)		4080	8.4	1955	0.54

† See Table 2 for specific seed treatments applied to hybrids.
‡ Grain and forage yield are calculated in relation to the trial mean. A minimum of 50 plots was required before inclusion in the analysis.
* Treatments that performed statistically similar to the highest treatment in the trial.