

Table 4. List of seed treatments used on corn hybrids entered in the 2019 UW corn trials.

Seed Trt.†	Biological Fungicide Insecticide Micronutrients Nematicide PGR	Treatment Mix	Brand	Grain yield‡		Forage yield‡	
				N	Bu/A	N	Bu/A
3	Untreated			99	* 5.3		
53	Poncho500 VOTiVO			356	3.1	184	* 0.02
55	ApronXL+Maxim Poncho250			9		33	
97	Dynasty+MaximXL Cruiser250			70	* 12.8	46	
101	ApronFL+Maxim Cruiser		CruiserMaxx	14		26	
102	Cruiser250			9		6	
121	ApronXL+Dynasty+MaximXL Cruiser Avicta		Avicta Complete Corn	35		14	
128	Apron+Dynasty+Maxim+TBZ		Maxim Quattro	62	-9.7	108	* 0.12
133	Apron+Dynasty+Maxim+TBZ Cruiser250		Maxim Quattro+Cruiser250	46		6	
136	Apron+Stratego+Vortex Poncho500 VOTiVO		Acceleron+Poncho500+VOTiVO	421	0.2	178	* 0.26
149	Maxim Quattro Cruiser 5FS		CruiserMaxx Corn250	39		38	
150	Poncho1250+VOTiVO					6	
151	Apron+Stratego+Vortex Poncho250		Acceleron 250	494	-0.6	208	* -0.03
164	Maxim Quattro Cruiser 5FS Quickroots		CruiserMaxx Corn250+Quickroots	130	-9.9	50	
167	Vibrance+ApronXL+Dynasty+MaximXL Cruiser Avicta		Avicta Complete 250+Vibrance	217	-8.5	144	* -0.07
170	Humic Acid		1r - seed treatment	89	-1.9	6	
173	ApronXL+Dynasty+MaximXL+Vibrance Cruiser Avicta		Avicta Complete 500+Vibrance	70	-11.9	56	* 0.10
174	Apron+Stratego+Vortex Poncho500		Acceleron 500	226	* 5.3	104	* 0.34
175	Maxim Quattro+Vibrance Cruiser 5FS		CruiserMaxx Corn250+Vibrance	56	-10.5	90	-0.28
178	Intego+Maxim Quattro+Vibrance Cruiser 5FS		CruiserMaxx500+Intego+Vibrance			15	
184	Cruiser 5FS Maxim Quattro Wuxal Terios Zn+		CruiserMaxx Corn 250+Wuxal Terios Zn+	52	-17.2	24	
190	Metalaxyl+Fluoxastrobin+Prothioconazole Poncho250			113	* 6.0	39	
194	Humic Acid+Microbials		1R seed treatment+SabrEx	93	0.0	33	
197	Raxil Poncho1250+Lumivia VOTiVO			45			
198	Maxim Quattro Cruiser 5FS+Lumivia		CruiserMaxx Corn250+Lumivia	9			
203	Acceleron B-300 SAT Metalaxyl+Fluoxastrobin+Prothioconazole Poncho			8			
211	Poncho500 VOTiVO 2.0			9		14	
212	Metalaxyl+Fluoxastrobin+Prothioconazole Poncho250 Zinc			9			
213	Acceleron B-300 SAT+Acceleron B-360 ST Apron+Stratego+Vortex Poncho250			8		15	
214	Acceleron B-300 SAT+Acceleron B-360 ST Metalaxyl+Fluoxastrobin+Prothioconazole Poncho250 VOTiVO			89	* 5.4	15	
215	Acceleron B-300 SAT+Acceleron B-360 ST Metalaxyl+ Fluoxastrobin+Prothioconazole Poncho500 VOTiVO			167	* 5.2	96	* 0.27
216	Acceleron B-300 SAT+Acceleron B-360 ST Metalaxyl+ Fluoxastrobin+Prothioconazole Poncho500 NemaStrike			26		71	-0.70
217	Acceleron B-300 SAT+Acceleron B-360 ST Metalaxyl+ Fluoxastrobin+Prothioconazole Poncho250 NemaStrike			92	1.6	24	
218	Metalaxyl+Fluoxastrobin+Prothioconazole Poncho250 VOTiVO			9		9	
219	Maxim Quattro Cruiser 5FS SabrEx		CruiserMaxx Corn250+SabrEx	72	* 5.3	56	* 0.15
220	Apron+Dynasty+Maxim+TBZ+Ilevo Poncho1250 VOTiVO		Maxim Quattro+Ilevo+Poncho1250+VOTiVO	257	3.0	167	* 0.22
221	Metalaxyl+Fluoxastrobin+Prothioconazole Poncho500 NemaStrike					6	
222	Acceleron B-300 SAT+Acceleron B-360 ST Metalaxyl+ Fluoxastrobin+Prothioconazole Poncho500					6	
223	Metalaxyl+Fluoxastrobin+Prothioconazole Poncho250 NemaStrike			12		9	
LSD (0.10)					9.6		0.50

† 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.