

Table 4. List of seed treatments used on corn hybrids entered in the 2023 UW corn trials.

Seed	Treatment Mix					Seed Treatment Brand	Grain yield†		Forage yield†		
	Biological	Fungicide	Insecticide	Micronutrients	Nematicide		PGR	N	Bu/A	N	T/A
3	Untreated						101				
43	MaximXL   Cruiser						26		12		
53	Poncho500   VOTIVO						149	* 7.9			
66	Unknown						18				
97	Dynasty+MaximXL   Cruiser250						54	-16.4	27		
128	Apron+Dynasty+Maxim+TBZ					Maxim Quattro	44		42		
133	Maxim Quattro   Cruiser250					Maxim Quattro+Cruiser250	158	* 1.3	21		
136	Apron+Stratego+Vortex   Poncho500   VOTIVO					Acceleron+Poncho500+VOTIVO	430	* 1.0	116	0.23	
149	Maxim Quattro   Cruiser 5FS					CruiserMaxx Corn250	214	* 5.6	128	0.06	
151	Apron+Stratego+Vortex   Poncho250					Acceleron 250	394	-1.1	30		
170	1R - seed treatment					1R - seed treatment	63				
174	Apron+Stratego+Vortex   Poncho500					Acceleron 500	48				
175	Maxim Quattro+Vibrance   Cruiser250					CruiserMaxx Corn250+Vibrance	149	* 4.6	42		
194	1R seed treatment+SabrEx					1R seed treatment+SabrEx	42				
204	Apron+Dynasty+Maxim+TBZ   Cruiser250   Wuxal Terios Zn+					Maxim Quattro+Cruiser250+Zinc	53	* 7.4	6		
224	Acceleron B-360 ST   Poncho500   VOTIVO								89	-0.4	
227	Acceleron B-360 ST   Poncho500						231	-0.6	119	0.06	
228						AgriShield Max	48				
230	Maxim Quattro+Rancona+IntegoSolo   Poncho500   VOTIVO					Lumigen+Poncho500+VOTIVO	30		6		
231	Maxim Quattro+Rancona+IntegoSolo   Poncho1250   VOTIVO					Lumigen+Poncho1250+VOTIVO	306	* 2.6	237	-0.11	
232	Acceleron B-360 ST   Metalaxyl+Fluoxastrobin+Prothioconazole   Poncho500						121	* 1.0			
233	Acceleron B-360 ST   Metalaxyl+Fluoxastrobin+Prothioconazole   Poncho500   VOTIVO						121	-4.4	33		
248						Emerge+	63				
251	Apron+Picarbutrazox+Stratego+Vortex   Poncho250					Acceleron 250+Vayantis	45				
252	ApronXL+Dynasty+MaximXL+Vayantis   Cruiser   Avicta					Avicta Complete 1250+Vayantis	129	-3.1	102	0.1	
253	Thiamethoxam   trichoderma microorganism spores					Cruiser250+Sabre Ex	81	-9.6	42		
254	Vibrance   Cruiser250					Corn250+Vibrance	81	* 2.1			
255	Maxim Quattro+Picarbutrazox+Vibrance   Cruiser 5FS					CruiserMaxx250+Vayantis+Vibrance	47		12		
256	Maxim Quattro+Picarbutrazox+Vibrance   Cruiser 5FS					CruiserMaxx500+Vayantis	257	-9.3	21		
257						Escalate	18				
258	Clothianidin					Lumisure 1250	44				
260	Acceleron B-360 ST   Metalaxyl+Fluoxastrobin+N-314+Prothioconazole   Poncho1250						33		18		
263	LCO SP104 Metalaxyl+Ethaboxam+Fluoxastrobin+Prothioconazole   Poncho500								9		
264	LCO SP104 Metalaxyl+Ethaboxam+Fluoxastrobin+Prothioconazole   Poncho500   VOTIVO								21		
LSD (0.10)								8.4		NS	

† 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.