Integrated Pest & Crop Management

New Plant Pathologist Joins Plant Sciences Kaitlyn Bissonnette

Greetings Missouri agricultural stakeholders! I am Kaitlyn Bissonnette, and as of October 16th, I am your new MU Extension Field Crop Plant Pathologist serving the state of Missouri. I come to you from Iowa State University where I was a postdoctoral research associate working on applied management of soybean cyst nematode with nematode-protectant seed treatments. In that position, my responsibilities also included participation in a region-wide extension effort to raise awareness about SCN and promote improved pest management practices.

Prior to Iowa State, I completed my PhD at the University of Illinois where my research focused on the use of integrated disease management practices to manage Fusarium mycotoxins in winter wheat. Additionally, my experience at Illinois included work on disease management trials for corn, soybeans, and oat. Here in Missouri, I have statewide Extension responsibilities in disease management of field crops and forages. In the coming months (and beyond), I look forward to meeting with many of you and working together to serve the needs of Missouri agriculture.

Weather Data for the Week Ending November 30, 2017

Station	County	Weekly Temperature (°F)						Monthly Precipitation (in.)		Growing Degree Days‡	
		Avg. Max.	Avg. Min.	Extreme High	Extreme Low	Mean	Departure from long term avg.	Nov 1-Nov 30	Departure from long term avg.	Accumulated Since Apr. 1	Departure from long term avg.
Corning	Atchison	65	33	77	22	49	12	0.21	-1.61	3940	384
St. Joseph	Buchanan	63	40	73	35	51	13	0.47	-1.35	3897	371
Brunswick	Carroll	63	37	74	27	50	11	0.25	-2.03	3992	453
Albany	Gentry	61	30	72	24	45	9	0.47	-1.45	3366	2
Marshall	Saline	63	40	73	31	51	12	0.33	-1.95	*	*
Auxvasse	Audrain	64	39	75	29	51	10	0.82	-1.92	3808	165
Vandalia	Audrain	62	36	72	26	49	9	0.96	-1.81	3724	200
Columbia-Bradford Research & Extension Center	Boone	63	38	73	27	50	9	0.42	-2.32	3615	-73
Columbia-Capen Park	Boone	68	33	78	22	48	7	0.61	-2.09	3732	21
Columbia-Jefferson Farm and Gardens	Boone	65	39	74	29	52	11	0.61	-2.08	3852	122
Columbia-Sanborn Field	Boone	65	40	74	30	52	10	0.61	-2.14	4170	277
Columbia-South Farms	Boone	64	39	74	29	51	10	0.58	-2.16	3882	173
Williamsburg	Callaway	64	37	74	26	51	11	0.61	-2.4	3573	15
Novelty	Knox	60	34	72	26	47	8	1.45	-0.97	3471	70
Mosow Mills	Lincoln	64	35	73	26	49	8	0.41	-2.82	3860	226
Linneus	Linn	61	36	73	29	48	10	0.34	-1.87	3620	206
Monroe City	Monroe	62	35	73	26	49	10	0.61	-2.17	3677	113
Versailles	Morgan	64	40	73	29	52	10	0.41	-2.67	3919	56
Green Ridge	Pettis	64	41	73	32	52	11	0.44	-2.29	3823	165
Unionville	Putnam	58	35	72	29	47	11	0.73	-1.83	3441	328
Lamar	Barton	66	42	74	32	53	10	0.37	-2.97	3991	-19
Butler	Bates	64	40	73	29	52	11	0.4	-2.57	3841	-38
Cook Station	Crawford	68	34	74	24	50	7	0.25	-3.38	3789	47
Mount Vernon	Lawrence	66	38	72	26	52	11	0.39	-3.63	3698	237
Round Spring	Shannon	68	30	72	22	46	4	1.77	-1.85	3651	27
Mountain Grove	Wright	65	38	69	27	52	10	0.34	-3.48	3669	22
Delta	Cape Girardeau	62	32	66	25	46	2	1.77	-2.68	4131	-18
Cardwell	Dunklin	64	34	68	25	49	3	1.94	-2.43	4454	-114
Clarkton	Dunklin	64	33	68	25	48	3	2.01	-2.3	4391	-96
Glennonville	Dunklin	63	34	68	24	49	3	2.39	-1.9	4456	2
Charleston	Mississippi	63	34	68	25	48	2	1.28	-2.57	4453	138
Hayward	Pemiscot	63	35	69	27	49	3	3.38	-0.68	4498	-36
Portageville	Pemiscot	63	37	69	26	50	3	2.91	-1.22	4664	78
Steele	Pemiscot	63	33	68	24	47	0	2.82	-1.61	4516	-94

* Complete data not available for report

‡Growing degree days are calculated by subtracting a 50 degree (Fahrenheit) base temperature from the average daily temperature. Thus, if the average temperature for the day is 75 degrees, then 25 growing degree days will have been accumulated.