

d) DK-M 2011.05 - 2012.09		Exponential function [Resp = exp(a+b*T)]	Lloyd-Taylor function [Resp = exp(a+b*(T-c) ⁻¹)]	Gaussian function [Resp = exp(a+b*T+c*T ²)]		
no soil moisture effect	a	-25.318	3.595	-346.6		
	b	0.092	-72.230	2.349		
	c	---	255.875	-0.003962		
	AW	<0.01 (0.0191)	0.0406 (0.3115)	0.0873 (0.6694)		
additive soil temperature and moisture effects	a	-25.318	3.595	-346.6		
	b	0.092	-72.230	2.349		
	c	---	255.875	-0.003962		
	AW	<0.01	0.0406	0.0873		
interactive soil temperature and moisture effects	Soil moisture intervals (vol%)		Soil moisture intervals (vol%)		Soil moisture intervals (vol%)	
	≤ 9.6		> 9.6			
	a	-17.582	-30.477	3.595	-346.6	
	b	0.065	0.111	-72.230	2.349	
	c	---	---	255.875	-0.003962	
	AW	0.6114		0.0406	0.0873	

e) DK-B 2011.03 - 2012.12		Exponential function [Resp = exp(a+b*T)]	Lloyd-Taylor function [Resp = exp(a+b*(T-c) ⁻¹)]	Gaussian function [Resp = exp(a+b*T+c*T ²)]				
no soil moisture effect	a	-40.320	8.439	-221.0				
	b	0.143	-495.869	1.424				
	c	---	222.804	-0.002271				
	AW	<0.01 (0.0346)	<0.01 (0.5581)	<0.01 (0.4073)				
additive soil temperature and moisture effects	Soil moisture intervals (vol%)		Soil moisture intervals (vol%)		Soil moisture intervals (vol%)			
	≤ 8.8		8.8 - 9.9		> 9.9			
	a	-41.017	-41.442	-40.964	8.050	8.189	-218.7	-218.4
	b	0.145		-446.459		1.404		
	c	---		226.611		-0.002230		
	AW	0.4301		0.3701		0.1885		
interactive soil temperature and moisture effects	a	-40.320	8.439	-221.0				
	b	0.143	-495.869	1.424				
	c	---	222.804	-0.002271				
	AW	<0.01	<0.01	<0.01				

f) NL 2010.07 - 2012.06		Exponential function [Resp = exp(a+b*T)]	Lloyd-Taylor function [Resp = exp(a+b*(T-c) ⁻¹)]	Gaussian function [Resp = exp(a+b*T+c*T ²)]									
no soil moisture effect	a	-32.914	32.520	-32.914									
	b	0.115	-9272.29	0.115									
	c	---	0.00	0.000									
	AW	<0.01 (0.6156)	<0.01 (0.1641)	<0.01 (0.2203)									
additive soil temperature and moisture effects	a	-32.914	32.52	-32.914									
	b	0.115	-9272.29	0.115									
	c	---	0.00	0.000									
	AW	<0.01	<0.01	<0.01									
interactive soil temperature and moisture effects	Soil moisture intervals (vol%)		Soil moisture intervals (vol%)		Soil moisture intervals (vol%)								
	≤ 16.8		16.8 - 23.7		23.7 - 28.2		> 28.2						
	a	-31.415	-30.487	-25.647	-33.774	30.930	30.680	24.570	33.580	-34.848	-722.900	-33.147	
	b	0.110	0.108	0.089	0.119	-8864.030	-8691.730	-7069.750	-9560.940	0.122	4.991	0.116	
	c	---		---		0.000		0.000		0.000		-0.008611	0.000
	AW	0.7747		0.2253		<0.01							

g) UK 2010.01 - 2012.12		Exponential function [Resp = exp(a+b*T)]	Lloyd-Taylor function [Resp = exp(a+b*(T-c) ⁻¹)]	Gaussian function [Resp = exp(a+b*T+c*T ²)]									
no soil moisture effect	a	-39.358	39.100	-39.358									
	b	0.140	-11004.600	0.140									
	c	---	0.000	0.000									
	AW	<0.01 (0.6266)	<0.01 (0.1458)	<0.01 (0.2276)									
additive soil temperature and moisture effects	Soil moisture intervals (vol%)		Soil moisture intervals (vol%)		Soil moisture intervals (vol%)								
	≤ 38.2		> 38.2		≤ 38.2			> 38.2					
	a	-37.547	-37.736	37.55	37.36	-37.547	-37.736						
	b	0.134		-10531.810		0.134							
	c	---		0.000		0.000							
	AW	<0.01		<0.01		<0.01							
interactive soil temperature and moisture effects	Soil moisture intervals (vol%)		Soil moisture intervals (vol%)		Soil moisture intervals (vol%)								
	≤ 33.3		33.3 - 38.2		38.2 - 57.9		> 57.9						
	a	-75.430	-33.159	-37.085	-26.846	26.341	11.389	12.415	8.913	-871.600	-550.600	-34.976	
	b	0.268	0.118	0.131	0.095	-2558.206	-1088.599	-1208.167	-858.340	5.905	3.807	0.124	
	c	---		---		184.731		---		-0.009977		-0.006572	0.000
	AW	0.7087		0.2799		0.0114							