

Table 3. Simulated responses of hybrids at 3 late-planting dates for four ISU Research & Demonstration Farms. For yield columns, simulated yield with the fullest-season hybrid planted on 28 May, was set at 100% yield potential.

Hybrid Days <sup>†</sup> to R6	Date of planting	Northwest - Sutherland			Northeast - Nashua			Central - Ames			Southeast - Crawfordsville		
		R6 date	Probability of frost < R6 % <sup>‡</sup>	Yield % of Full season planted on 28 May	R6 date	Probability of frost < R6 %	Yield % of Full season planted on 28 May	R6 date	Probability of frost < R6 %	Yield % of Full season planted on 28 May	R6 date	Probability of frost < R6 %	Yield % of Full season planted on 28 May
<b>83</b>	28-May	14 Sep	16	95	13 Sep	16	91						
<b>83</b>	11-Jun	4 Oct	44	91	1 Oct	44	88						
<b>83</b>	25-Jun	17 Oct	100	69	16 Oct	96	70						
<b>93</b>	28-May	27 Sep	32	102	24 Sep	32	99	14 Sep	15	91	6 Sep	8	83
<b>93</b>	11-Jun	12 Oct	76	90	9 Oct	72	90	4 Oct	33	89	27 Sep	16	87
<b>93</b>	25-Jun	17 Oct	100	62	16 Oct	100	63	20 Oct	96	73	21 Oct	76	80
<b>98</b>	28-May	12 Oct	88	101	9 Oct	76	101	4 Oct	41	100	28 Sep	20	96
<b>98</b>	11-Jun	17 Oct	100	79	16 Oct	96	81	18 Oct	85	89	18 Oct	64	92
<b>98</b>	25-Jun	NA <sup>§</sup>	NA	NA	NA	NA	NA	22 Oct	100	63	26 Oct	100	72
<b>105</b>	28-May	13 Oct	92	<b>100</b>	11 Oct	80	<b>100</b>	7 Oct	52	101	1 Oct	32	98
<b>105</b>	11-Jun	17 Oct	100	78	16 Oct	100	78	19 Oct	89	88	20 Oct	68	92
<b>105</b>	25-Jun	7 Nov	100	49	NA	NA	NA	22 Oct	100	60	26 Oct	100	70
<b>112</b>	28-May							15 Oct	81	<b>100</b>	13 Oct	56	<b>100</b>
<b>112</b>	11-Jun							21 Oct	96	82	24 Oct	92	87
<b>112</b>	25-Jun							22 Oct	100	54	26 Oct	100	63

<sup>†</sup> R6 = Physiological maturity. See Table 2 for GDD requirements.

<sup>‡</sup> Probability of frost < R6 % = Probability of frost (28° F) before R6.

<sup>§</sup> NA = Not able to simulate; frost likely 'kills' crop prematurely.