

Table 3. Yield and Growth metrics for the Date of Planting and Nitrogen Trial for the University of Massachusetts Agricultural Research Farm, South Deerfield, MA. 2014-2015

DOP	Fall N (lbs/ac)	Spring N (lbs/ac)	Winter Survival (0-10)	50% Heading Date	Foliar disease (%)	Yield (bu /ac)
Sept. 5	25	25	8.3	145.5	22.6	72.5
		45	8.3	146.5	18.3	69.7
		65	8.6	145.5	24.8	67.0
	0	25	8.5	145.8	25.8	62.7
		45	8.9	147.0	21.4	72.7
		65	8.8	145.8	29.2	59.3
Sept. 15	25	25	8.9	145.3	20.3	63.8
		45	8.8	145.8	17.0	67.2
		65	9.4	144.5	19.2	72.2
	0	25	8.9	144.3	14.9	54.4
		45	9.3	143.8	19.8	64.9
		65	8.9	144.3	18.3	85.9
Sept. 25	25	25	8.3	144.8	10.7	56.2
		45	8.5	145.5	8.5	50.0
		65	8.8	144.3	14.2	65.9
	0	25	7.5	147.5	9.6	48.4
		45	8.3	145.8	10.6	57.5
		65	8.5	146.8	8.1	44.1
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DOP						
Sept. 5			8.6	146.0	23.7	67.3
Sept. 15			9.0	144.6	18.3	68.1
Sept. 25			8.3	145.8	10.3	53.7
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Fall N (lbs/ac)						
25			8.6	145.6	17.5	61.1
0			8.7	145.3	17.3	65.0
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Spring N (lbs/ac)						
25			8.4	145.5	17.3	59.7
45			8.7	145.7	15.9	63.7
65			8.8	145.2	19.0	65.7
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<i>Significance¹ by main factors</i>						
DOP			NS	t	**	NS
Fall N			NS	NS	NS	NS
Spring N			NS	NS	NS	NS
DOPxFall N			NS	*	NS	NS
DOPxSpring N			NS	NS	NS	NS
Fall NxSpring N			NS	NS	NS	NS

¹t indicates P≤0.1, *indicates a significant relationship or difference (P≤0.05), **indicates a highly significant relationship or difference (P≤0.01), ***(P≤0.001) indicates a very highly significant relationship or difference