

3 YEAR SOYBEAN MATURITY X PLANTING DATE STUDY | 2018, 2019, 2020

GIBSON, COUNTY

2018				
RM Group	Planting Date	Moisture	Yield	Revenue
Early	April	13.2	84.1	756.9
Mid	May	13.2	74.9	674.1
Late	April	13.7	73.2	658.8
Mid	April	12.8	86.6	779.4
Late	May	13.6	62.3	560.7
Early	May	13	76.9	692.1
Mid	April	12.8	87.7	789.3
Late	May	13.6	58.5	526.5
Late	April	13.3	66.5	598.5
Early	May	13.3	74.6	671.4
Early	April	13.5	72.3	650.7
Mid	May	13.3	72.4	651.6
Late	April	13.5	66.1	594.9
Mid	April	13.2	71.5	643.5
Early	April	13.5	69	621
Late	May	13.8	63.1	567.9
Mid	May	13.5	74.7	672.3
Early	May	13.7	80.4	723.6
Plot Average: 73.0				

2019				
RM Group	Planting Date	Moisture	Yield	Revenue
Early	May	13.1	91	819
Mid	May	15.8	96.5	868.5
Late	May	15	85.3	767.7
Early	April	12.3	94	846
Mid	April	14.7	99.3	893.7
Late	April	11.9	96.5	868.5
Mid	May	15.8	94.7	852.3
Early	April	14	88.3	794.7
Early	May	12.6	91.9	827.1
Late	April	11.8	92.6	833.4
Late	May	14.1	80.1	720.9
Mid	April	12.6	94.6	851.4
Early	May	12.5	93.8	844.2
Late	May	15.3	80.3	722.7
Mid	April	12.4	90	810
Late	April	11.2	87.5	787.5
Mid	May	14.3	90.3	812.7
Early	April	11.7	89	801
Plot Average: 90.9				

2020				
RM Group	Planting Date	Moisture	Yield	Revenue
Early	April	12.6	89.7	807.3
Mid	May	13.7	85.8	772.2
Late	April	14.2	76	684
Mid	April	15.2	84.2	757.8
Late	May	15.7	71.5	643.5
Early	May	13	79.2	712.8
Mid	April	15.1	84.7	762.3
Late	May	15.2	70.6	635.4
Late	April	14.3	65.9	593.1
Early	May	12.2	77.9	701.1
Early	April	12.4	75.8	682.2
Mid	May	13.3	81.3	731.7
Late	April	13.6	66.9	602.1
Mid	April	13.4	81.2	730.8
Early	April	12.6	71.8	646.2
Late	May	13.8	72.2	649.8
Mid	May	13.1	77.5	697.5
Early	May	11.8	75.6	680.4
Plot Average: 77.1				





3 YEAR AVERAGES

RM	Yield/Planting Date		\$ Income/A	
	April	May	April	May
Early	81.6	82.4	734.0	741.3
Mid	86.6	83.1	779.8	748.1
Late	76.8	71.5	691.2	643.9

3 YEAR AVERAGES

Soybean Maturity	April yield Adv. (bu/a)	Income Adv. (\$/a)
Early (Mid III)	-0.8	\$ (7.30)
Mid (Early (IV)	3.5	\$ 31.70
Late (Late IV)	5.3	\$47.3

	April	May
2018 Planting Dates	4/12	5/13
2019 Planting Dates	4/10	5/12
2020 Planting Dates	4/2	5/11

COMMENTS:

- 3 years of data has suggested that planting Late RM products early April will outperform May or later planting dates.
- The ability to add nodes increases the pod number potential, leading to higher yields. Some of this can be tempered by rainfall patterns of years with stong moisture events in September that can increase seed size.
- In this study, there was little advantage regarding yield for early RM products planted early.
- Mid-RM products were able to gain additional nodes and consequent yields.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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