



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

Table 2. Average values for agronomic traits of varieties, hybrids, and experimental lines grown at five locations in Mississippi, 2022. (Sorted by highest average yield per group)

Entry	Origin ¹	Yield ²	Harvest Moisture	Bushel Weight	Plant Height	50% Heading ³	Lodging ⁴	Lodging ⁵
		<i>bu/A</i>	%	<i>lb</i>	<i>in</i>	<i>days</i>	%	<i>(1-5)</i>
Hybrids								
XP780	RT	339	16.2	42.8	45	84	16	1.6
XP778	RT	338	12.3	43.5	43	83	1	1.1
RT7421 FP	RT	334	12.1	41.2	46	83	14	1.5
RT7331 MA	RT	308	11.8	43.6	43	82	3	1.1
RTv7231 MA	RT	268	11.5	43.1	41	82	0	1.0
Clearfield/Provisia								
CLL18	HA	269	15.3	46.9	43	85	7	1.3
CLL16	HA	263	17.4	46.9	44	86	10	1.3
RU2104087	MS	251	12.2	46.9	43	85	0	1.0
RU2004071	MS	247	17.6	46.9	42	86	0	1.0
RU2004195	MS	241	13.0	46.9	43	84	0	1.0
RU2104219	MS	239	13.2	46.9	42	84	0	1.0
RU2004191	MS	237	13.8	46.9	42	84	0	1.0
CLL15	HA	237	12.2	46.9	39	83	0	1.0
CLL17	HA	232	11.7	46.9	41	85	14	1.5
CLHA02	HA	231	13.4	46.9	39	84	3	1.1
PVL03	HA	225	11.7	46.9	41	84	0	1.0
RU2004187	MS	224	13.8	46.9	45	85	3	1.2
RU2004224	MS	207	12.2	46.9	40	83	0	1.0
RU2104139	MS	202	17.5	46.9	45	85	47	2.9
Conventional								
RU2004091	MS	249	15.1	46.9	42	86	3	1.1
RU2004083	MS	246	15.5	48.8	43	86	7	1.3
RU1904139	MS	243	19.3	47.2	42	86	0	1.0
RU1904163	MS	242	13.3	46.2	39	86	0	1.0
RU2104127	MS	237	14.5	47.2	44	86	5	1.2
Diamond	AR	236	15.6	47.9	45	86	5	1.1
RU2104123	MS	235	12.3	46.9	43	84	5	1.1
Thad	MS	235	14.9	47.6	41	86	5	1.2
Leland	MS	234	13.8	48.0	46	84	0	1.0
RU2004099	MS	230	15.2	48.5	41	86	1	1.1
RU2104075	MS	229	12.7	47.2	42	86	0	1.0
RU1904123	MS	229	13.1	47.5	41	84	0	1.0
Rex	MS	226	12.7	46.3	41	84	0	1.0
Addi Jo	LA	223	15.9	46.9	40	88	0	1.0
RU2104099	MS	212	12.3	45.2	39	84	5	1.3



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		<i>bu/A</i>	<i>%</i>	<i>lb</i>	<i>in</i>	<i>days</i>	<i>%</i>	<i>(1-5)</i>
Mean		247	14	46	42	85	5	1.2
LSD (.05)		10	1.0	0.3	1.5	0.9		

¹AR = Arkansas; LA = Louisiana; MS = Mississippi; HA = HorizonAg; RT = RiceTec, Inc.

²Rough rice at 12% moisture.

³Days after emergence.

⁴Percent of plot that was lodged.

⁵Severity of lodging: 1=plants totally erect, 5=plants completely on ground.