

# Variety Selection/Management Considerations for 2012

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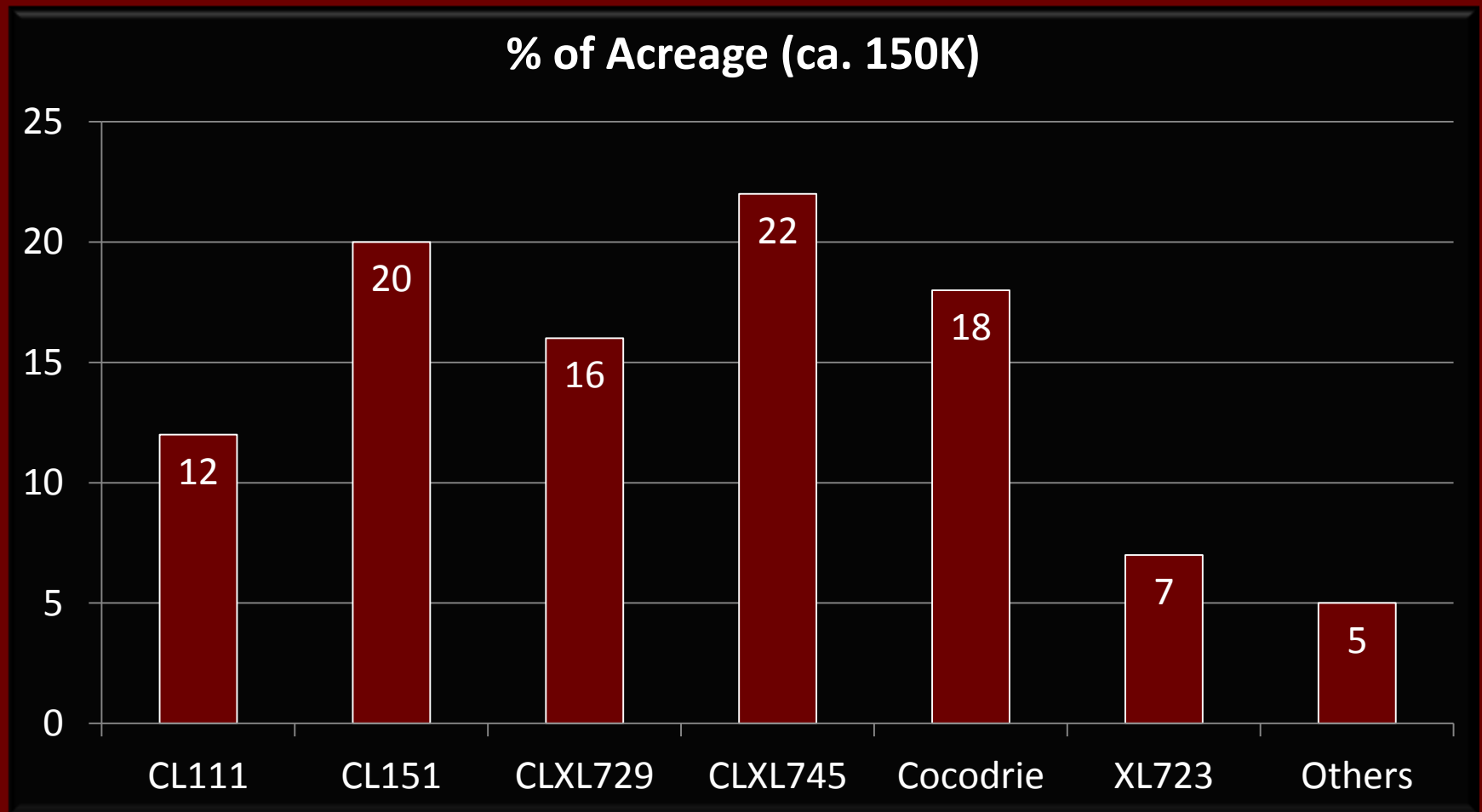
**662-822-2291**



# Outline

- Variety Performance
  - On Farm Variety Trials
  - Planting Date Studies
- Nitrogen Management Considerations
  - Rates
  - CL151
- The “Pipeline”
- Rice Quality

# Mississippi Rice Production



# Variety Trial Summary – 3 Yr

## Clearfield Varieties

variety	yield bu/a	whole %	total %	lodging %	50%HD days	height in
CL111	225	60	70	25	84	42
CL131	188	62	71	3	86	37
CL142-AR*	240	50	68	13	86	46
CL151	226	59	70	38	85	41
CL152*	215	57	67	0	87	42
CL162	207	58	70	19	84	43
CL181-AR*	193	56	67	1	88	40

\*Two years only



# Variety Trial Summary

## Clearfield Hybrids - 2011

Hybrid	Yield bu/a	Whole %	Total	Lodging %, score	50%HD days	Height in
CLXL729	277	53	68	51, 2	87	44
CLXL745	292	56	70	46, 2	84	47
CLXP756	275	57	72	49, 2	93	46

# Variety Trial Summary – 3 Yr

## Conventional Varieties

Variety	Yield bu/a	Whole %	Total	Lodging %	50%HD days	Height in
Cheniere	207	62	72	0	88	39
Cocodrie	217	62	71	2	86	40
Rex	220	59	69	0	86	42
Taggart	215	54	70	0	92	45
Templeton	210	58	70	8	91	43

\*Two years only

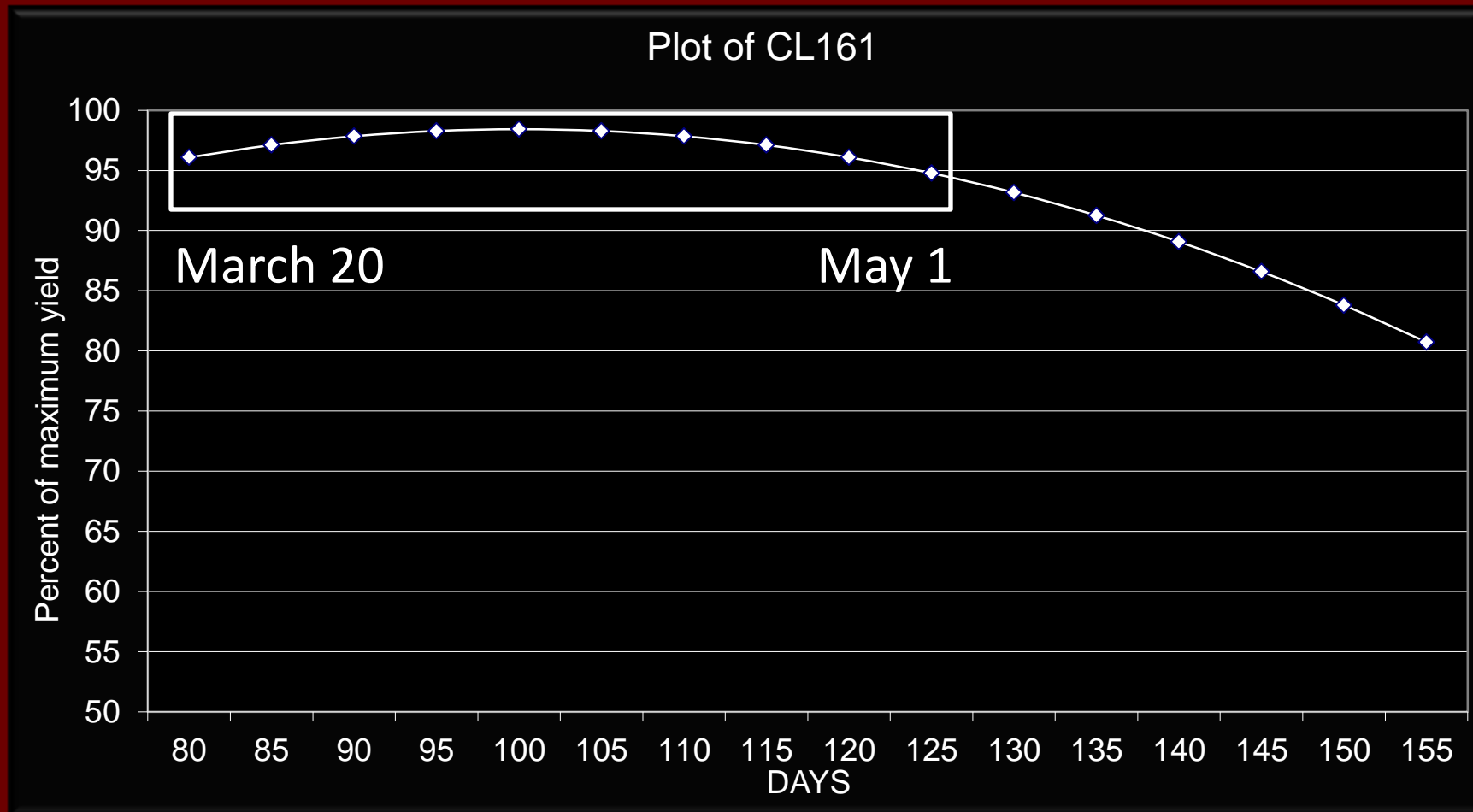


# Variety Trial Summary

## Conventional Hybrids - 2011

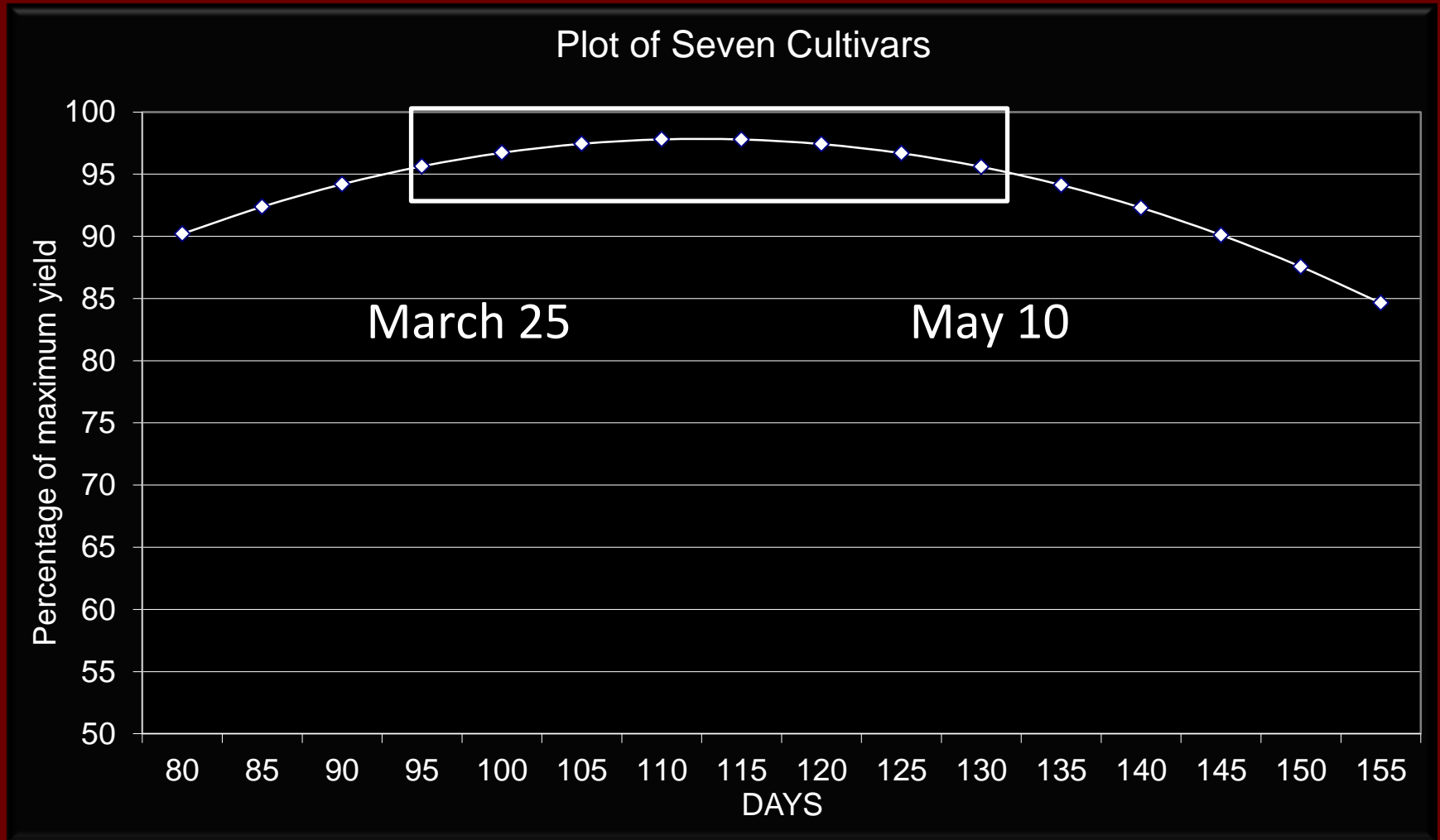
Hybrid	Yield bu/a	Whole %	Total bu/a	Lodging %, score	50%HD days	Height in
ARIZE 1003	248	53	67	71, 3	99	48
01H10010	229	50	66	74, 3	93	49
XL723	300	58	70	35, 1	87	49
XP753	308	54	71	15, 1	86	46
XP754	273	56	71	50, 2	93	46

# Planting Dates

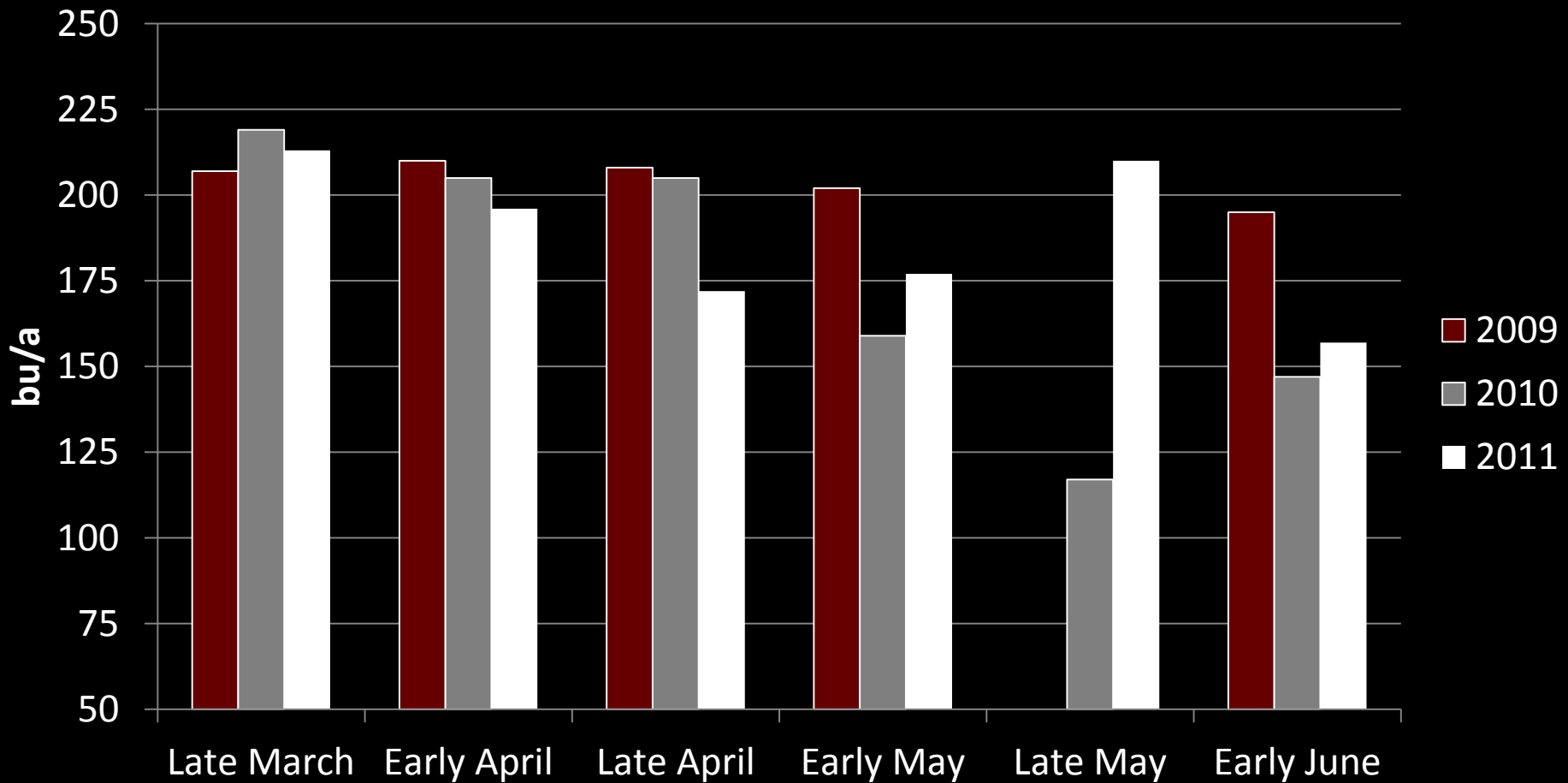




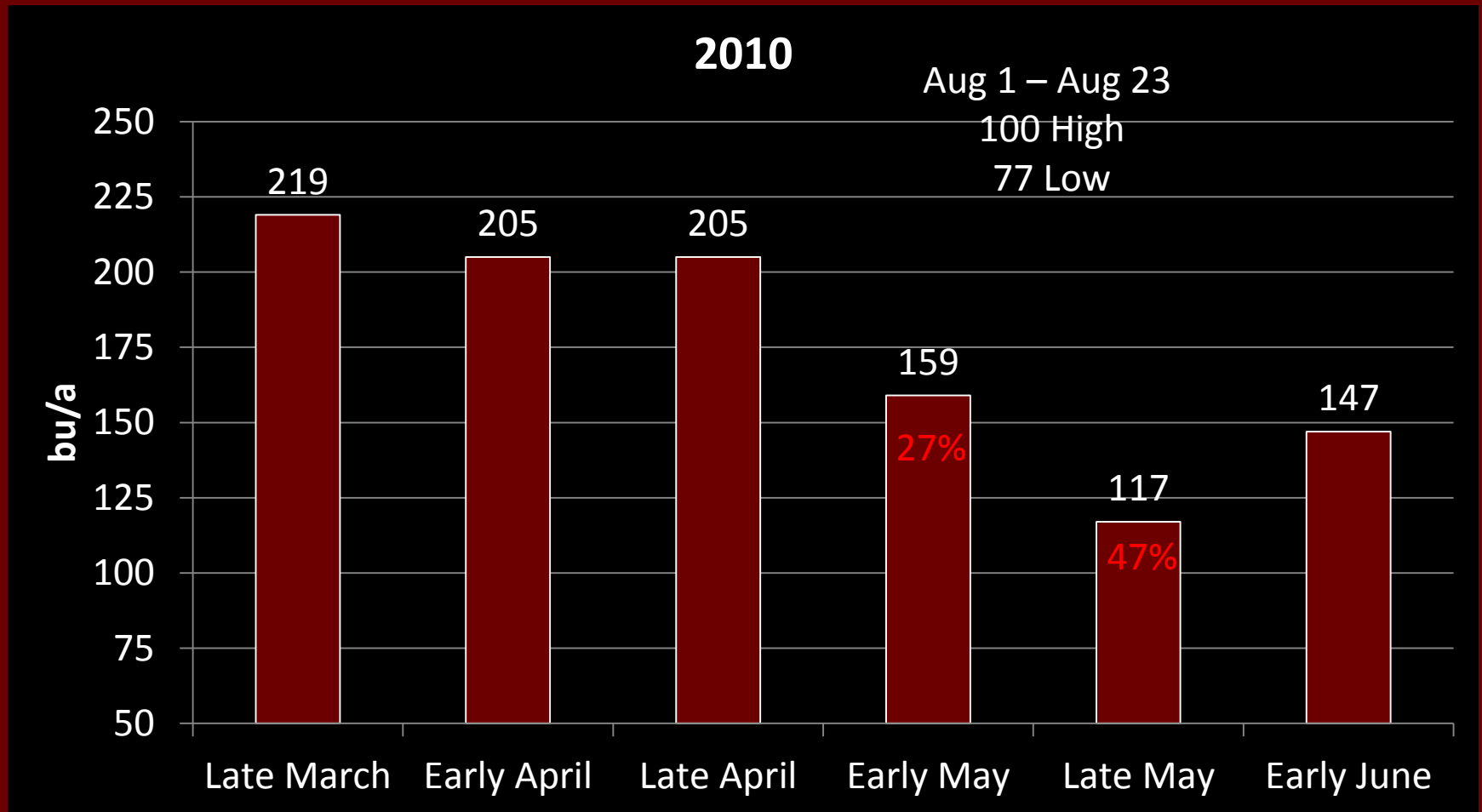
# Planting Dates



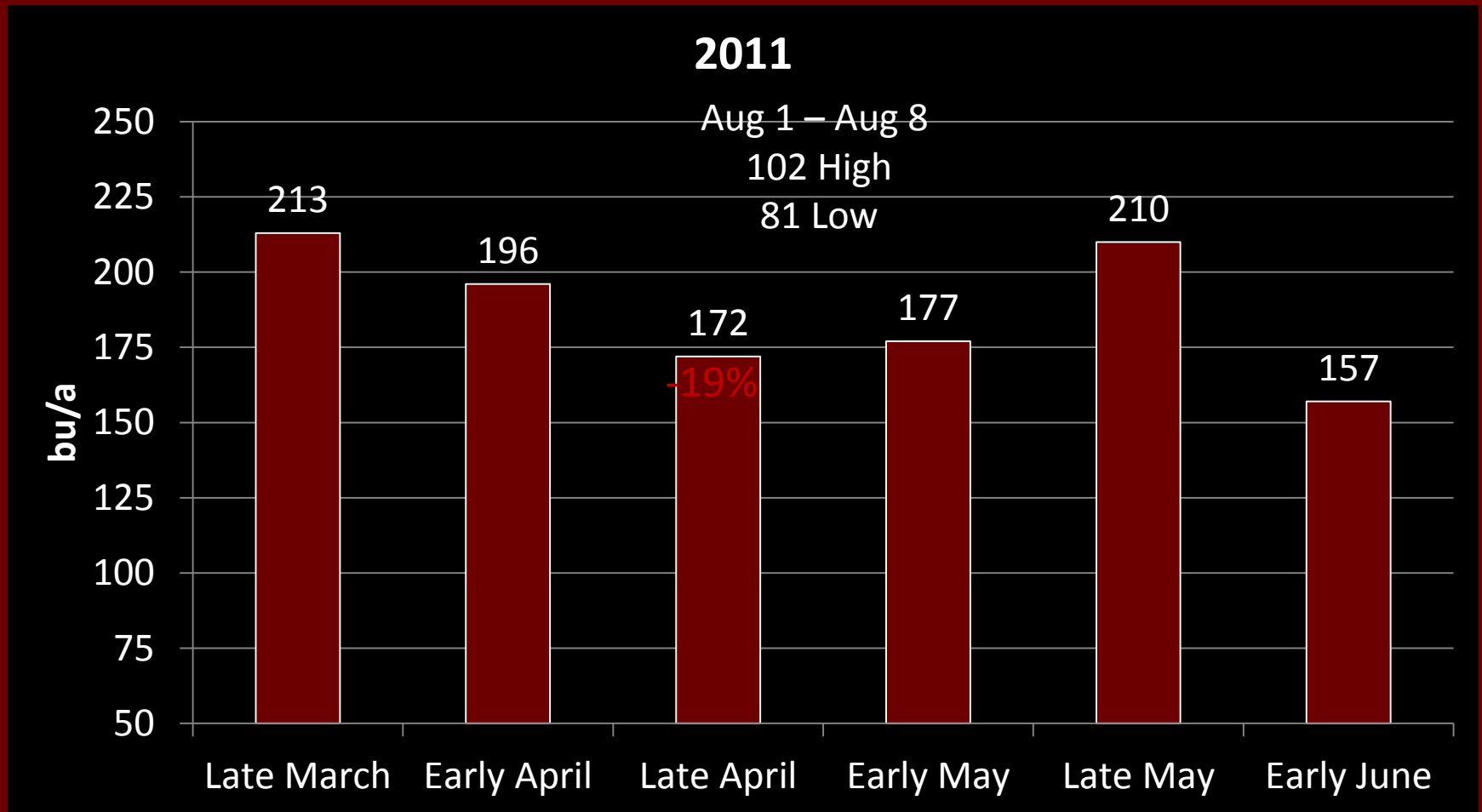
# Planting Date – All Varieties



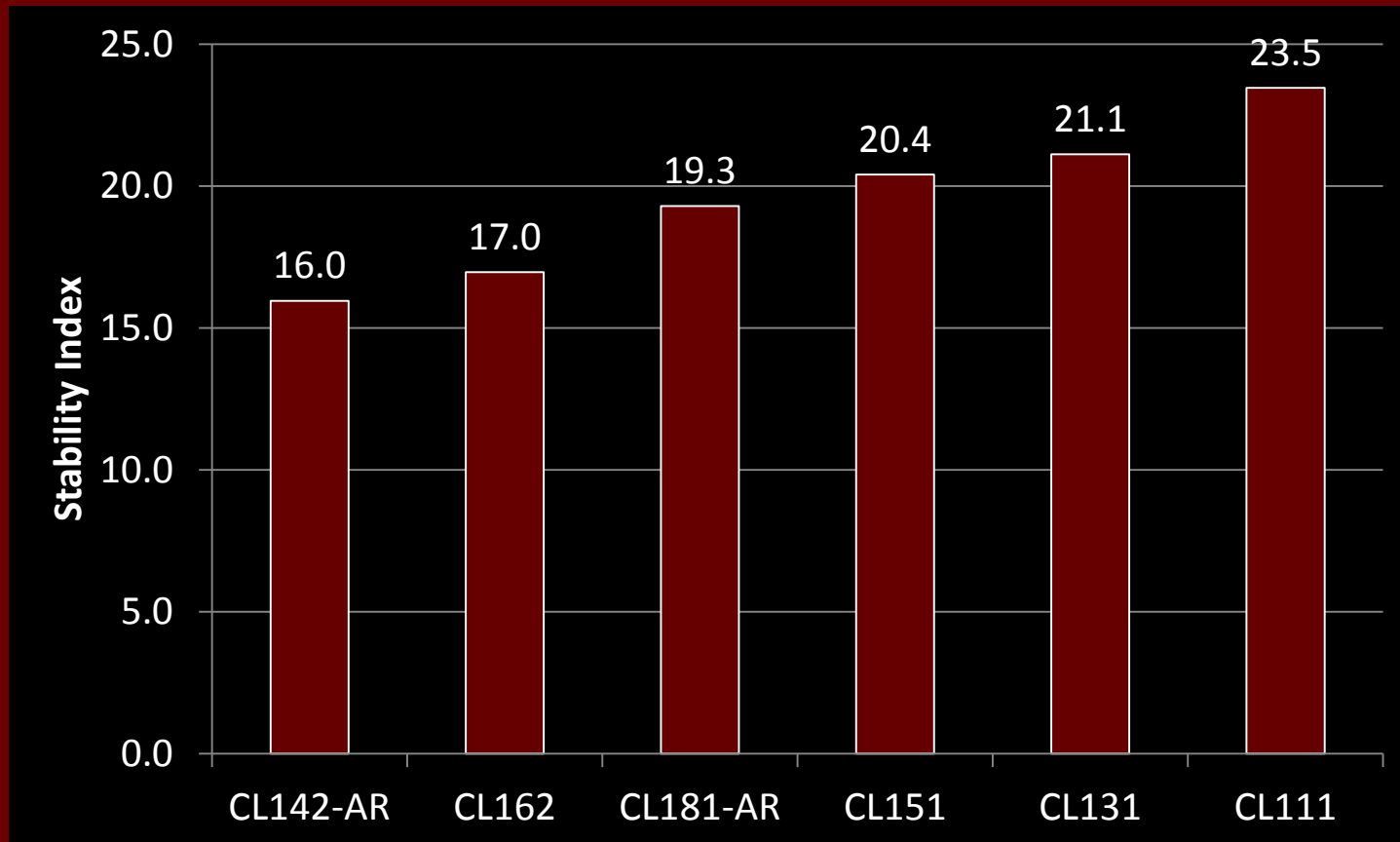
# Planting Date – All Varieties



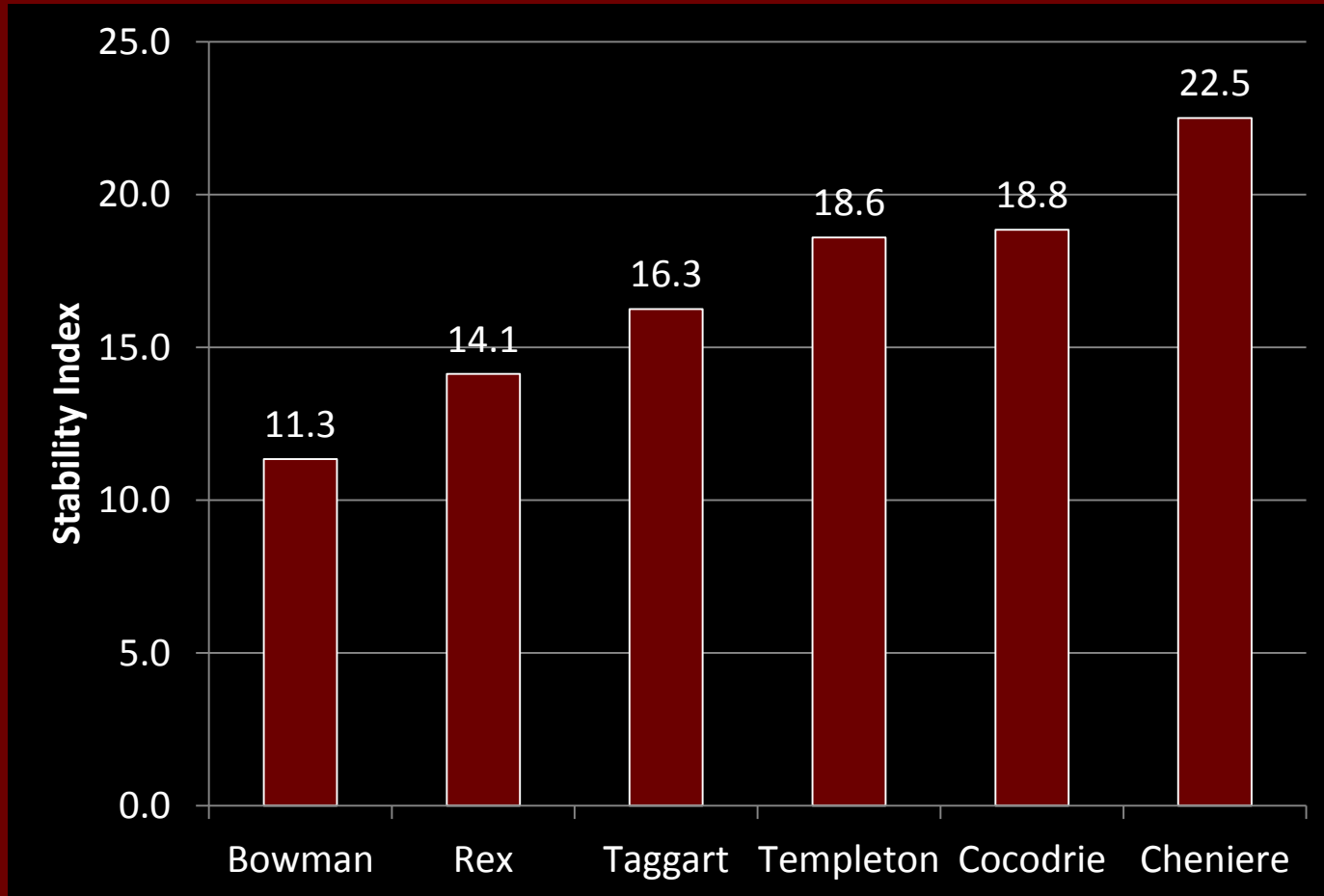
# Planting Date – All Varieties



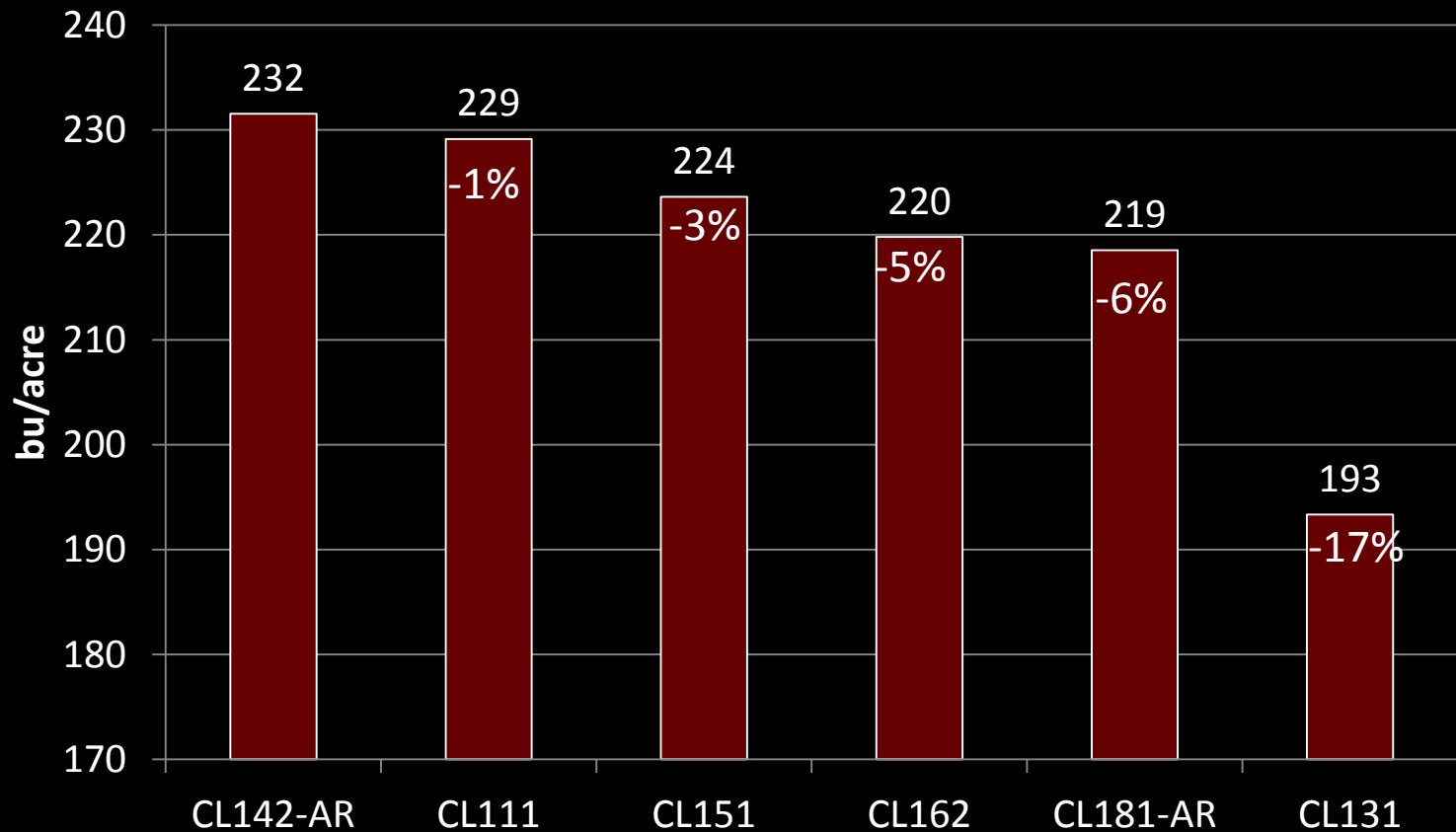
# Clearfield Variety Stability



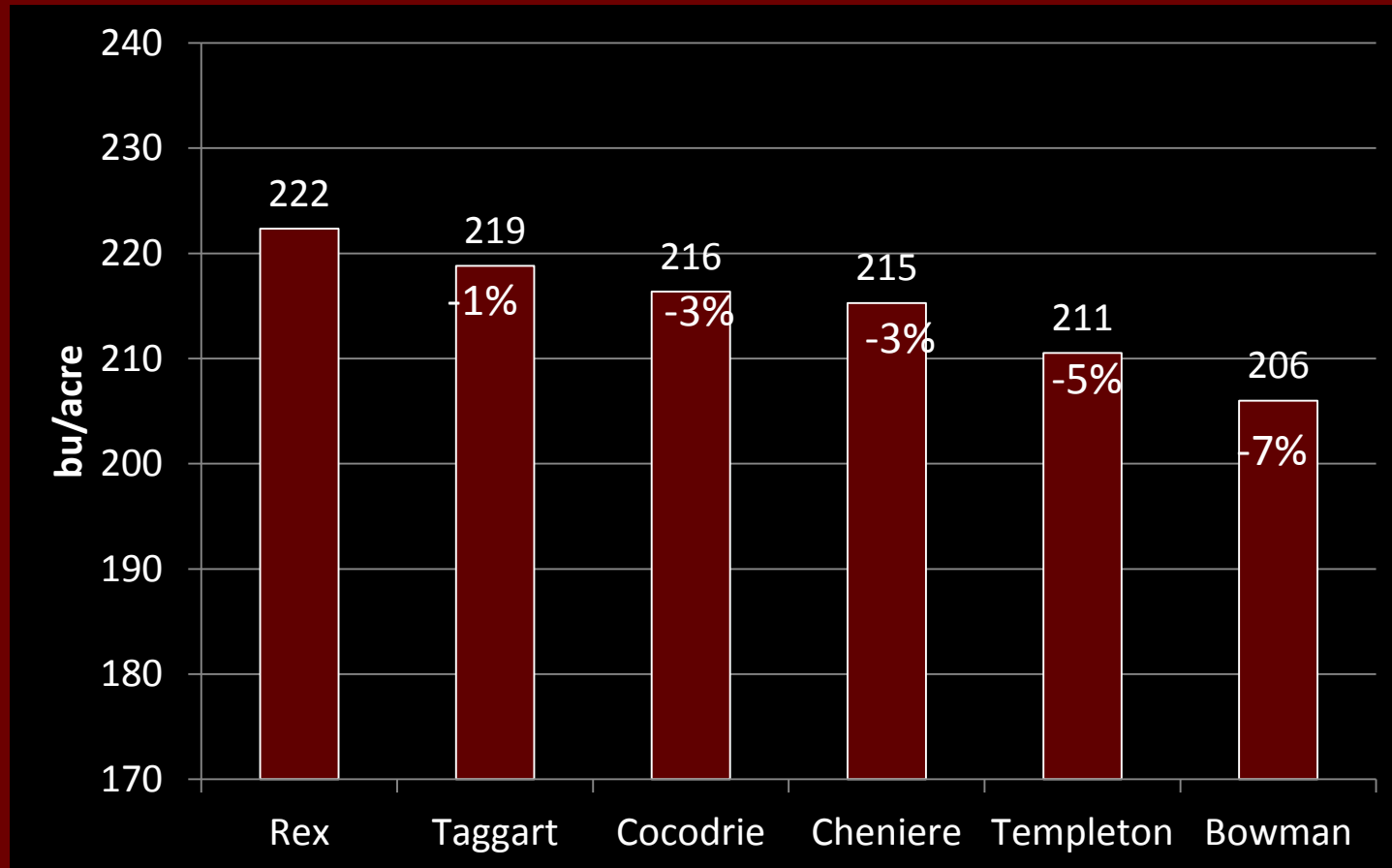
# Conventional Variety Stability



# Clearfield March Planting

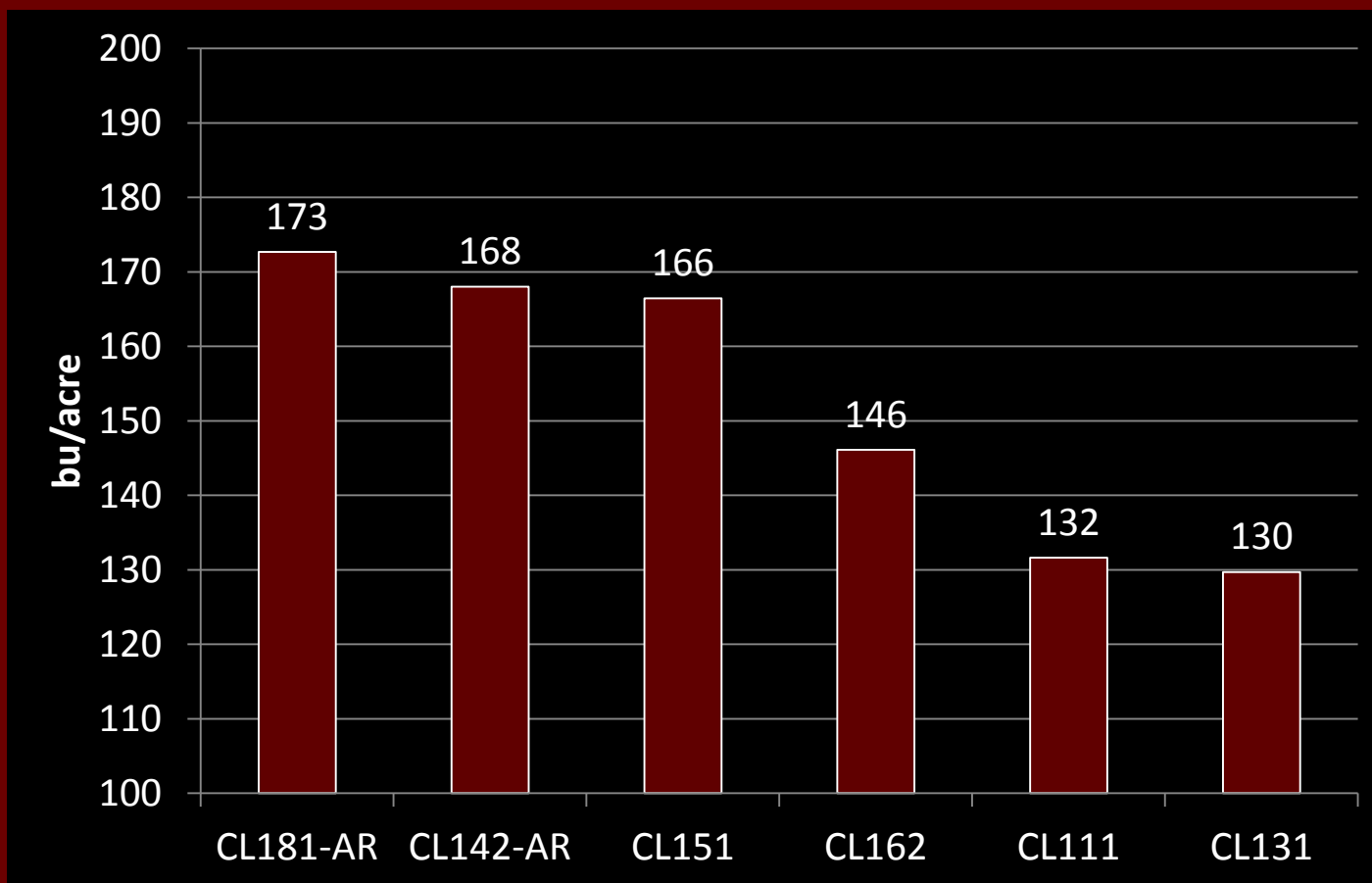


# Conventional March Planting

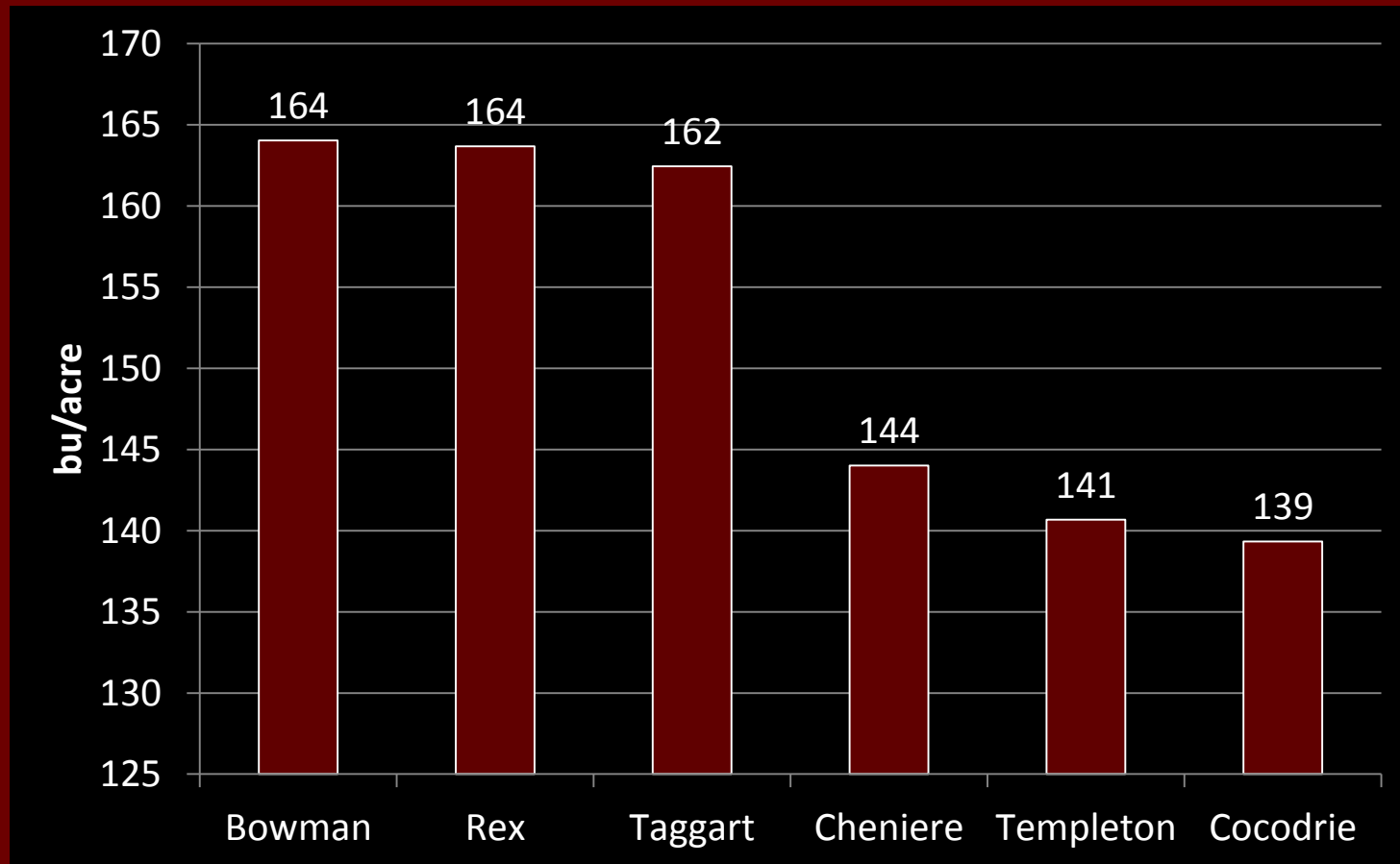




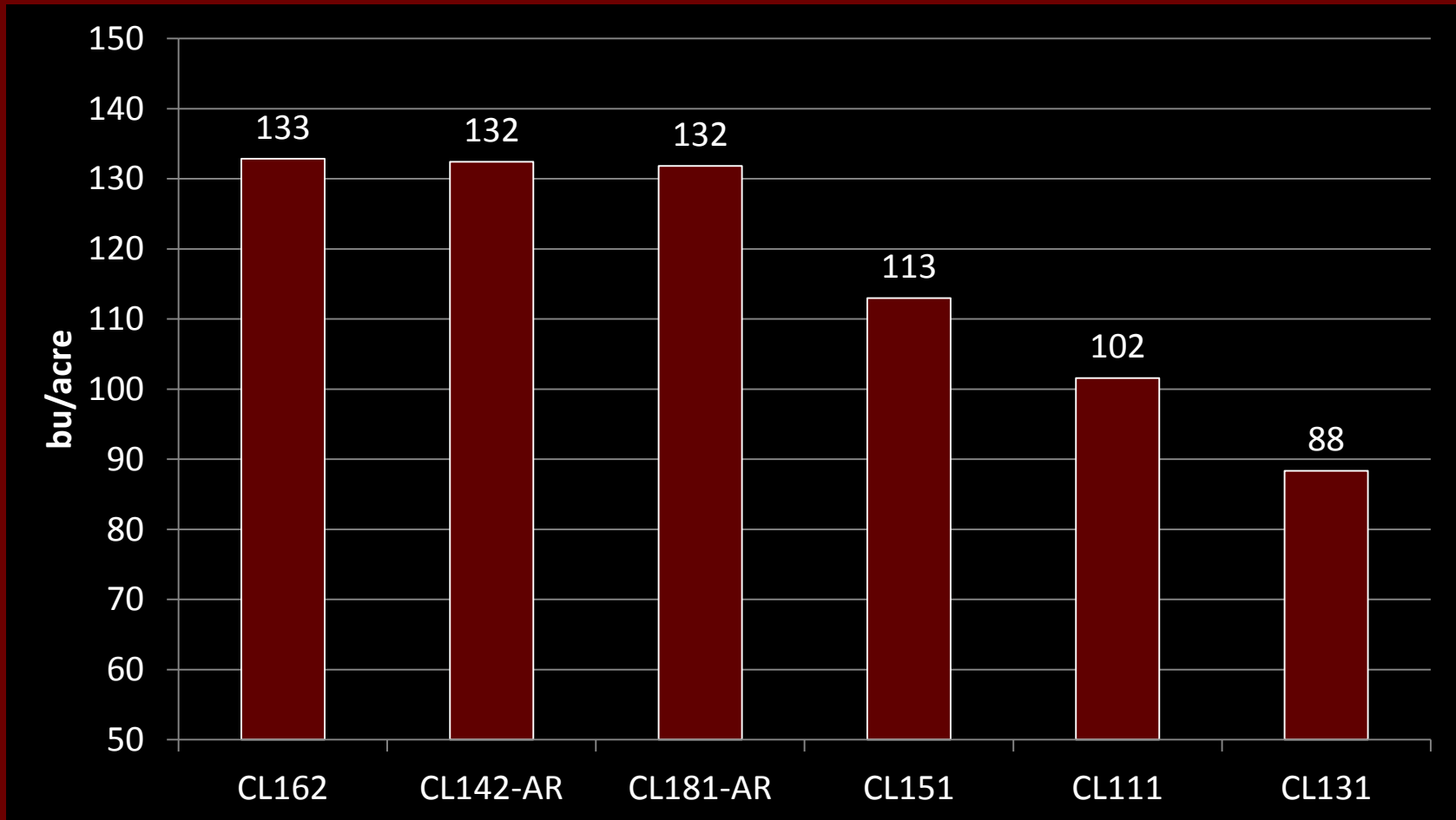
# Clearfield – June Planting



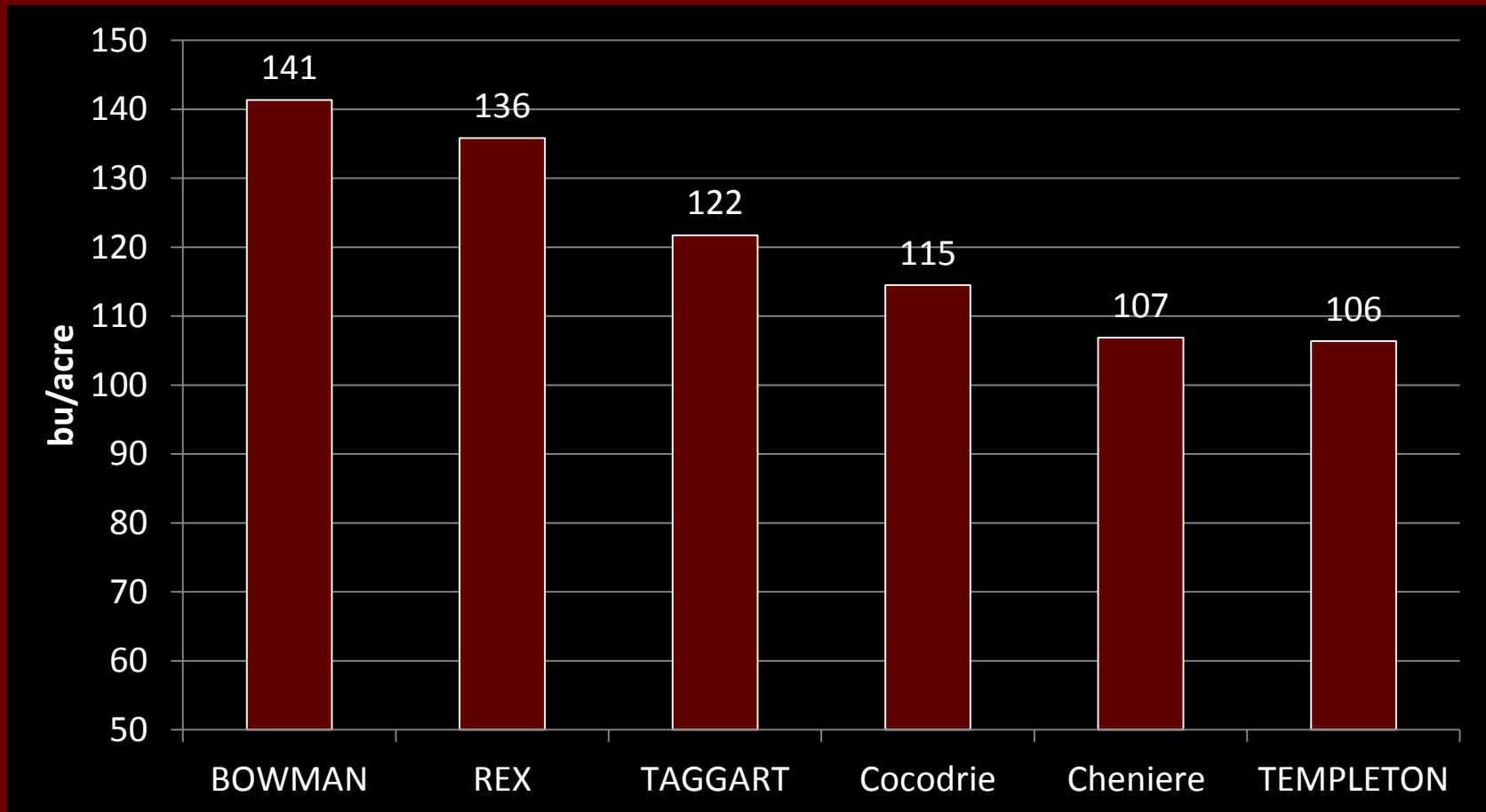
# Conventional – June Planting



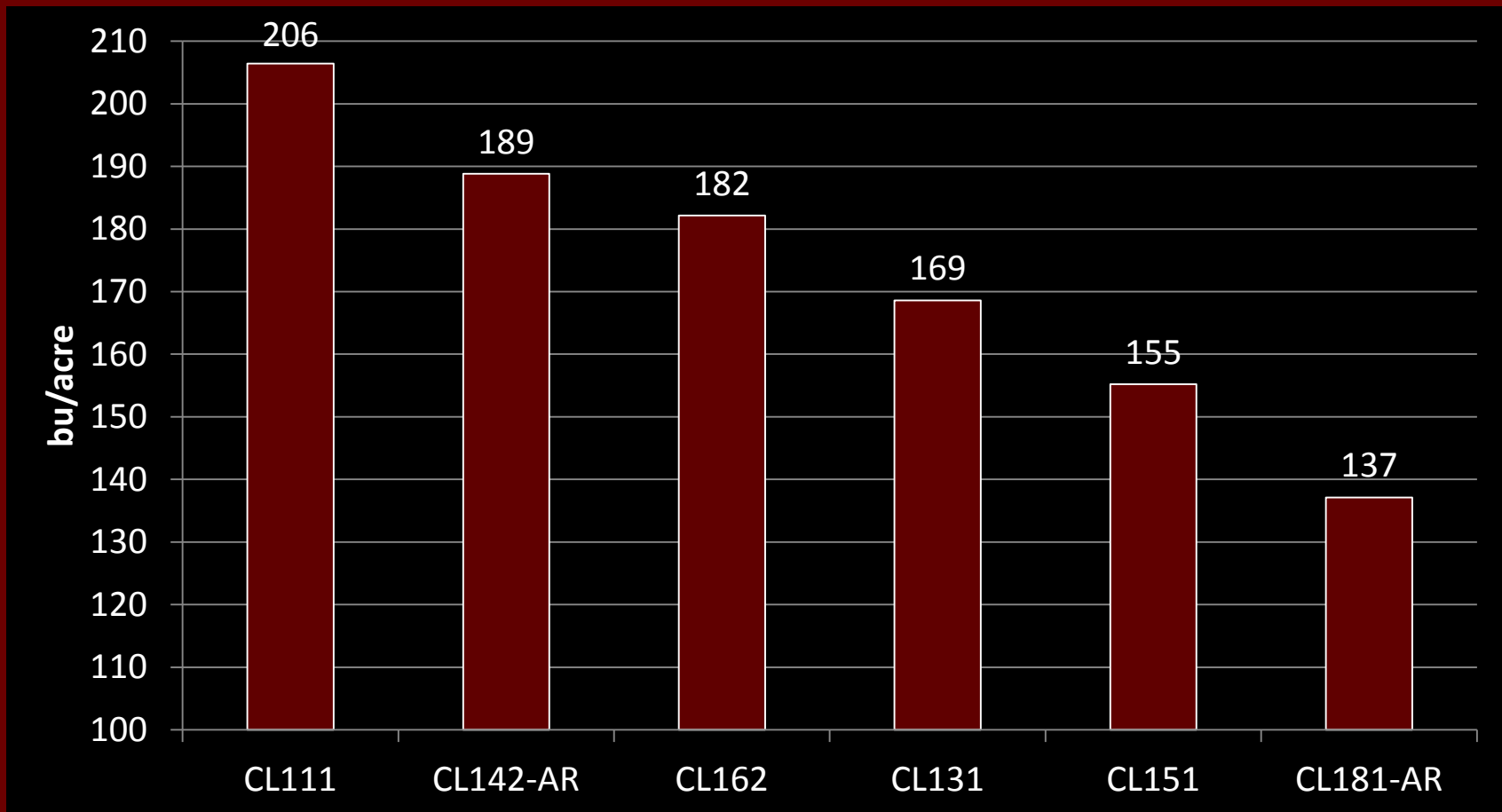
# Clearfield – Heat 2010



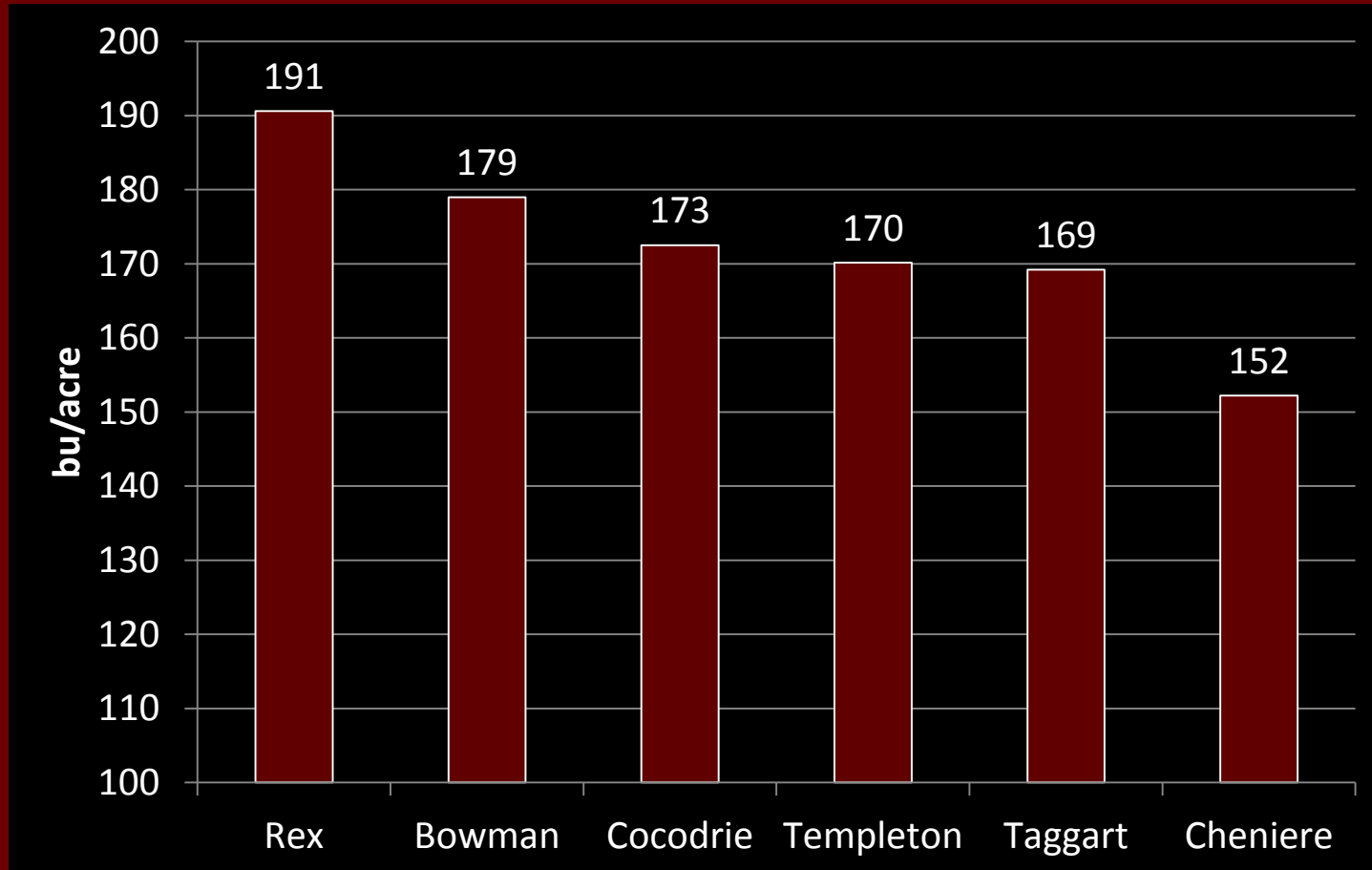
# Conventional – Heat 2010



# Clearfield – Heat 2011



# Conventional – Heat 2011

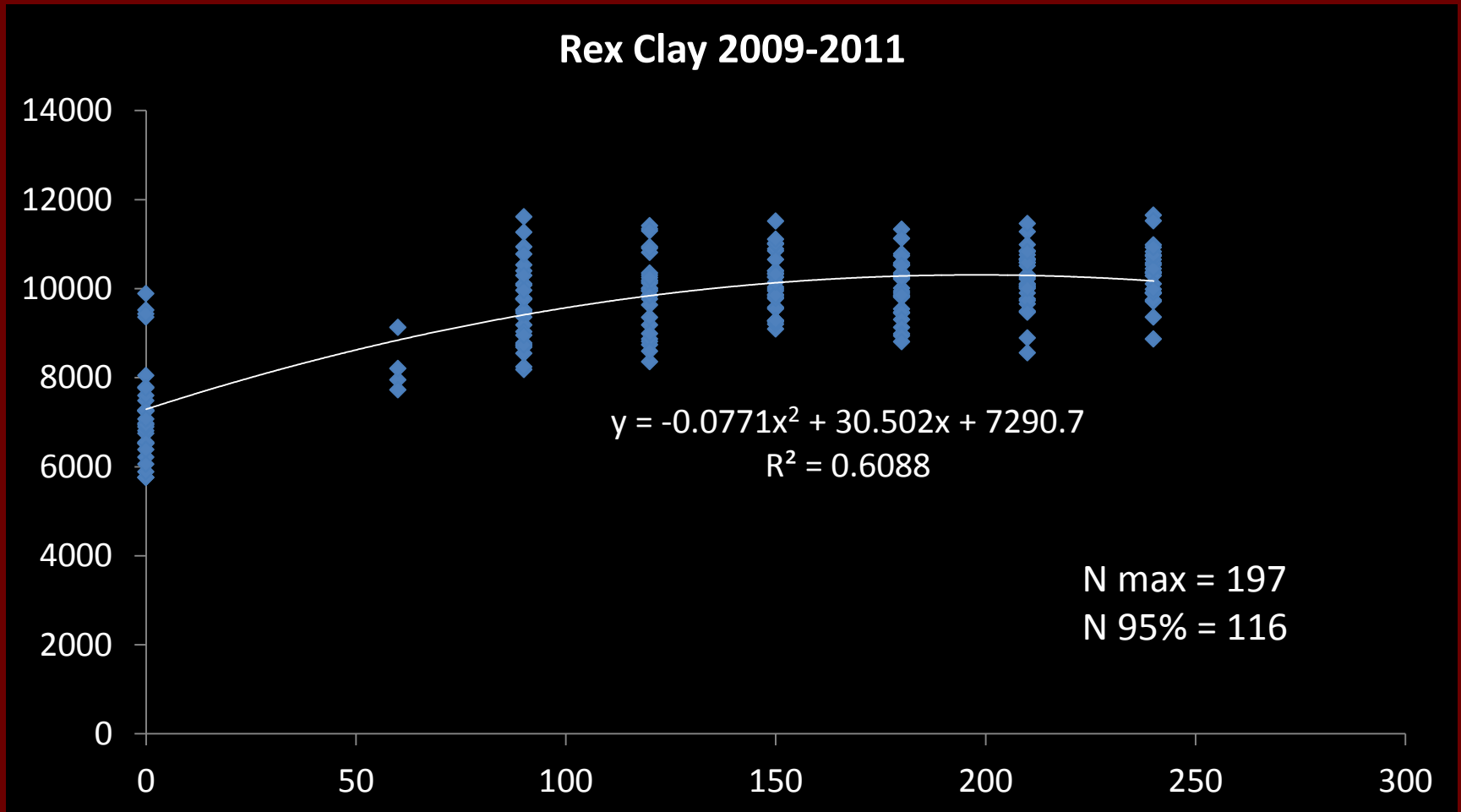


# Clearfield Nitrogen Response Summary

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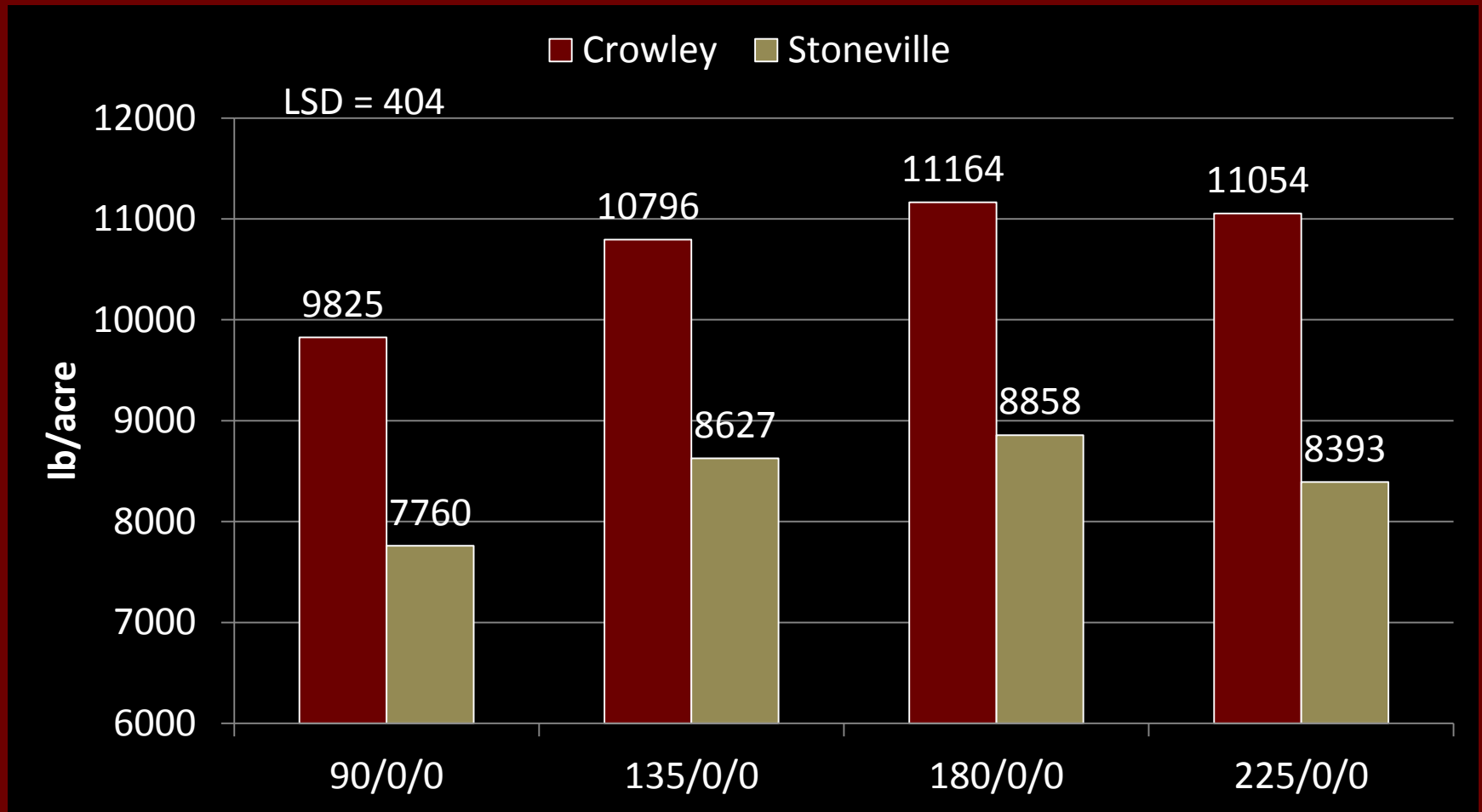
Variety	lb N/acre	
	95%	Nmax
CL111	118	190
CL142-AR	96	180
CL151	120	194
CL162	102	177

# Conventional N Response

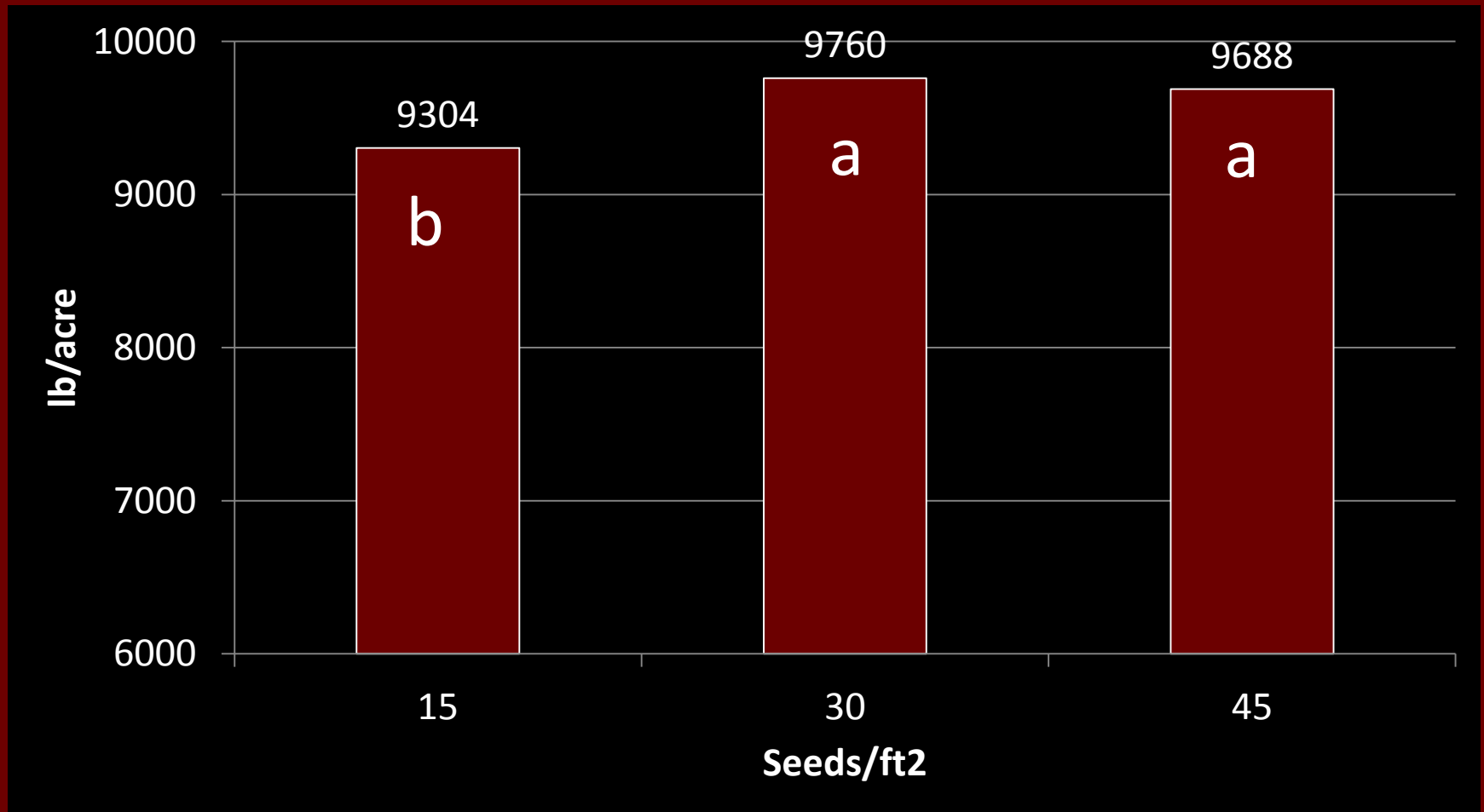




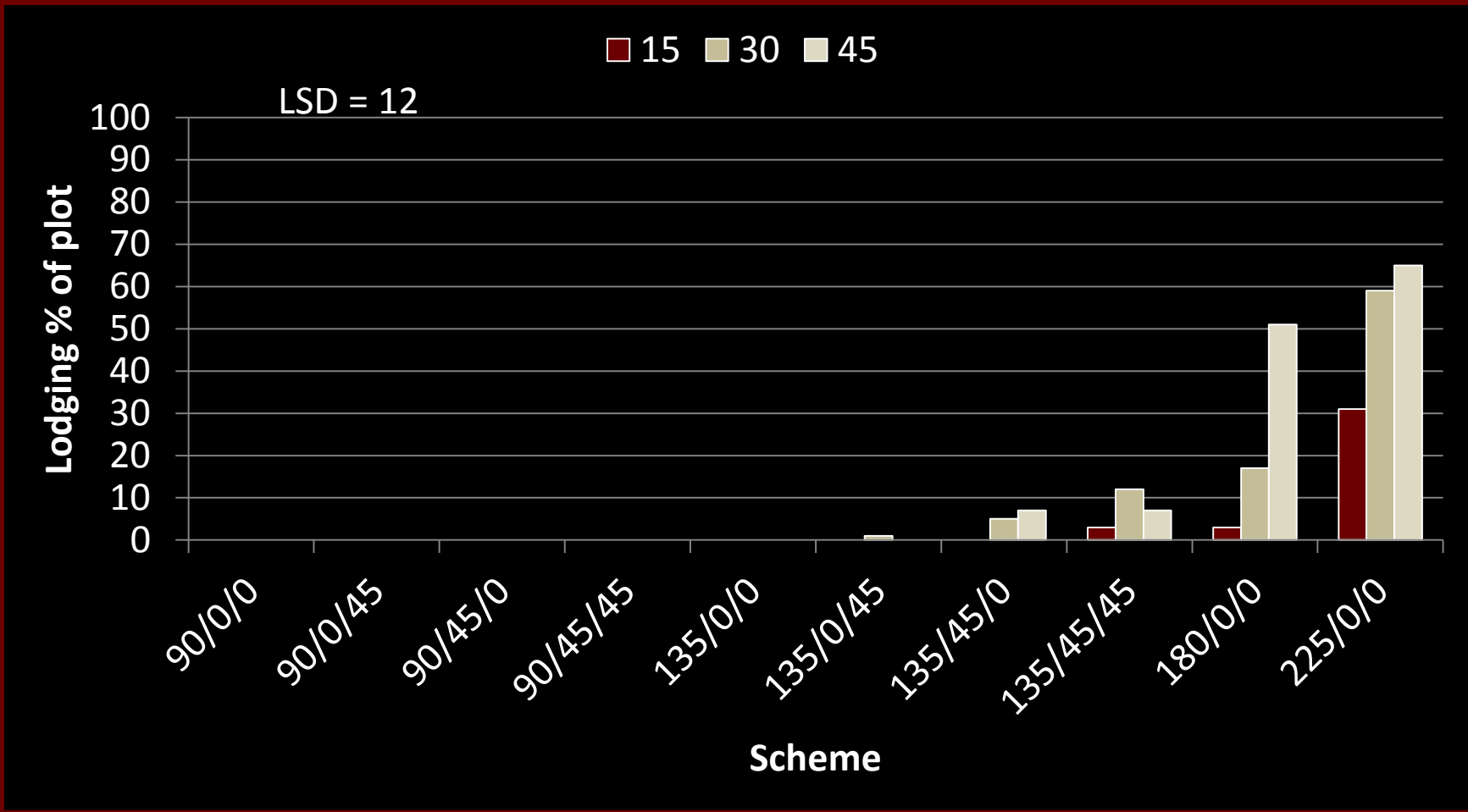
# Location x Fertilizer Scheme



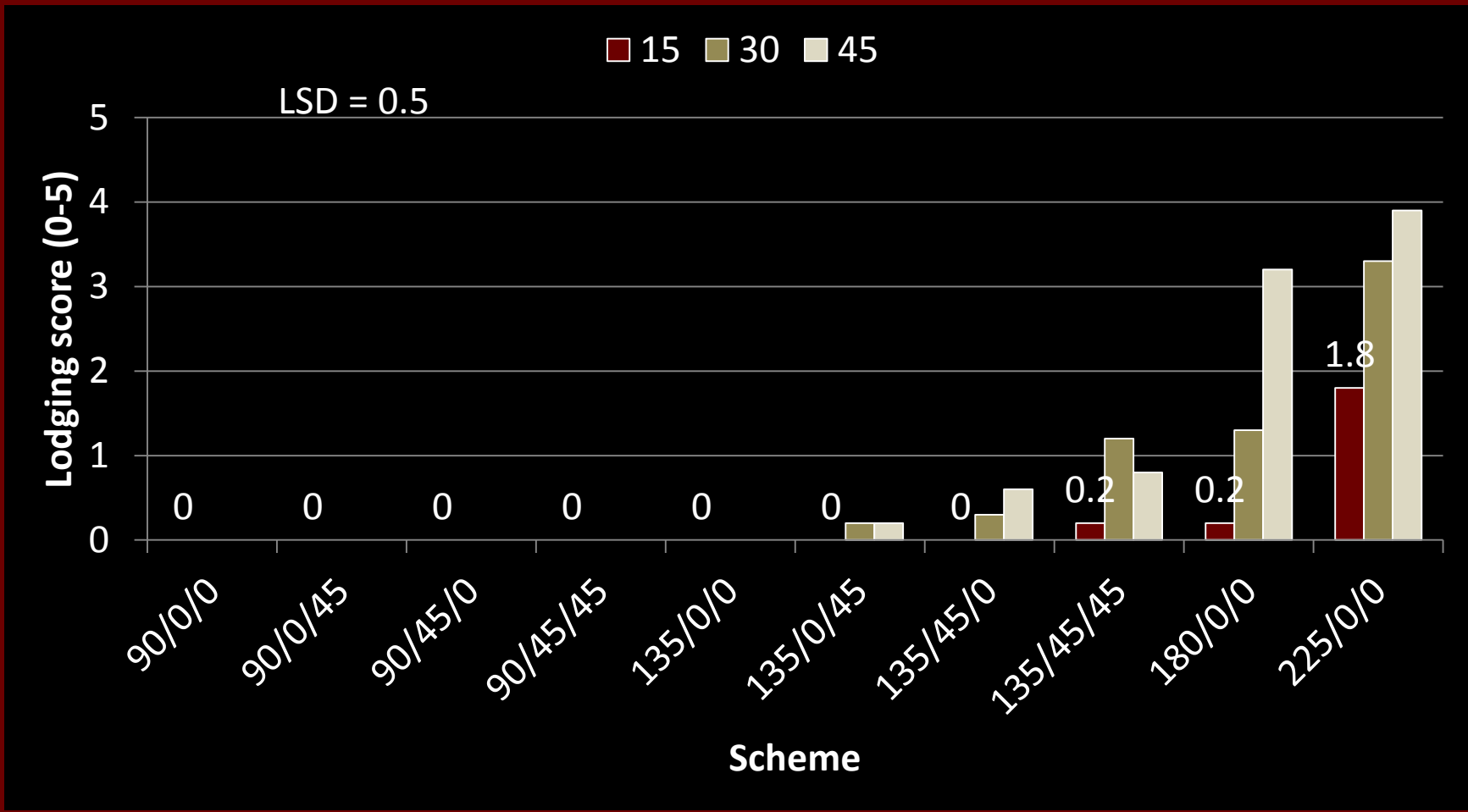
# Seed Rate



# Seed Rate x Fertilizer Scheme



# Seed Rate x Fertilizer Scheme



# Clearfield Pipeline

variety	yield bu/a	whole %	total bu/a	lodging %	50%HD days	height in	Stability
CL111	243	55	69	68	85	44	8.3
CL142-AR*	248	49	70	25	88	49	14.0
CL151	233	55	69	64	86	42	12.1
CL152*	222	58	67	0	91	43	16.2
CL162	214	54	69	51	86	45	7.6
RU1004083	240	54	69	16	87	43	9.1
RU1104122	236	58	69	17	91	43	9.6

\*Two years only

# 'Pipeline'

Line	Pedigree	% of CL151	whole%	Total%	Height
11CLPYT0003	248CO13E-1	1.02	62	71	39
11CLPYT0006	248CO13E-1	1.00	62	70	38
11CLPYT0005	248CO13E-1	1.02	61	71	38
11CLPYT0007	248CO13E-1	0.98	64	71	38
11CLPYT0010	248CO13E-1	0.96	61	70	40
11CLPYT0044	CFX-18(CL 161)/0004054	1.00	66	71	37
11CLPYT0042	CFX-18(CL 161)/0004054	0.98	65	70	35
11CLPYT0035	CFX-18(CL 161)/0004054	0.97	64	70	35
11CLPYT0136	CL161/9804054	1.08	64	70	37
11CLPYT0135	CL161/9804054	1.09	60	70	37
11CLPYT0134	CL161/9804054	1.04	59	70	37
11CLPYT0130	CL161/9804054	1.00	65	70	40
11CLPYT0114	CL151/JSMN85	0.99	53	67	44
11CLPYT0125	CL151/JSMN85	0.97	54	71	40
11CLPYT0124	CL151/JSMN85	1.01	58	68	39
11CLPYT0127	CL151/JSMN85	1.03	59	72	37
11CLPYT0122	CL151/JSMN85	1.00	55	71	43



# Conventional Pipeline

Variety	Yield bu/a	Whole %	Total	Lodging %	50%HD days	Height in	Stability
Cheniere	210	60	71	2	89	40	21.0
Cocodrie	226	60	70	4	88	42	9.7
Rex	237	55	67	0	87	44	9.5
RU1004197	233	59	69	14	88	41	10.4
RU1104077	239	56	68	1	92	42	6.8
RU1104191	234	56	68	2	91	42	13.8
RU1104156	235	59	68	13	88	42	10.6

\*Two years only



# Cheniere





# CL151



CLXL729



# Special Thanks



CL152



CL162



RU1104122

