Table 4B. Performance of 20 varieties planted late (Dec 12) at Baton Rouge, LA for 2007 with optimum date (Nov 13) yield, test weight, and heading date comparisons.

	Grain Yield			Test Wt			Head Day			Pheno
	Dec 13	Nov 13	diff	Dec 13	Nov 13	diff	Dec 13	Nov 13	diff	-type
Brand / variety		bu/acre			lbs/bu			of yr		0-9
TERRAL LA482	86.0	78.2	7.8	54.7	56.2	**-1.5**	90	83	7	3.1
AGRIPRO COKER/MAGNOLIA	85.7	75.3	10.4	55.7	56.9	**-1.2**	94	86	8	3.0
AGS 2000	83.4	77.6	5.8	56.5	58.1	**-1.6**	93	84	9	3.1
PIONEER/26R87	80.0	71.0	9.0	58.6	58.6	0.0	101	94	7	3.4
AGRIPRO COKER/PANOLA	79.1	72.0	7.1	55.5	57.6	**-2.1**	101	93	8	2.6
TERRAL LA841	78.9	80.4	**-1.5**	54.3	55.4	**-1.1**	94	88	6	3.3
AGS 2031	78.6	62.9	15.7	56.1	58.1	**-2.0**	102	93	9	4.1
PIONEER/26R61	78.5	71.6	6.9	57.0	58.0	**-1.0**	95	87	8	2.9
AGRIPRO COKER 9553	78.3	68.6	9.7	57.2	59.1	**-1.9**	101	93	8	2.9
AGS 2060	77.0	76.5	0.5	57.7	59.3	**-1.6**	91	86	5	4.0
AGRIPRO COKER 9700	76.1	72.3	3.8	55.9	57.9	**-2.0**	93	86	7	3.8
DK GR9108	73.7	72.6	1.1	54.9	56.8	**-1.9**	94	87	7	3.1
RAGAN&MASSEY LA95135	70.8	72.3	**-1.5**	55.4	57.3	**-1.9**	101	93	8	3.0
USG 3295	70.8	58.8	12.0	55.9	57.2	**-1.3**	102	98	4	4.4
CROPLAN 8302	68.6	62.5	6.1	56.0	49.6	6.4	105	107	**-2**	4.5
AGS 2010	68.0	65.0	3.0	56.4	57.6	**-1.2**	98	91	7	3.4
DK 9577	66.7	71.8	**-5.1**	54.5	57.5	**-3.0**	102	93	9	4.0
USG 3592	64.8	72.6	**-7.8**	56.3	58.3	**-2.0**	101	88	13	4.0
TERRAL TV8558	62.4	71.8	**-9.4**	54.5	58.1	**-3.6**	102	95	7	3.8
USG 3477	29.7	56.6	**-26.9**	52.6	56.7	**-4.1**	NV	102		6.3
Mean	**72.9**	**70.5**	**2.3**	**55.8**	**57.2**	**-1.4**	**98**	**91.4**	**6**	**3.6**
CV	**8**			**1**			**0**			**14**
LSD	**6.6**			**0.4**			**1**			**0.9**

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Cultural and Site: Late date planted on 12/12/06; normal date on 11/13/06. 20-60-60 preplant fertilizer. 97-0-0 topdress. 2.5 oz Sencor + 0.4 oz/acre Harmony Extra. Harvested on 6/5/2007. Very wet January restricted tillering. Dry from mid February through April. A number of entries did not properly vernalize. Light disease pressure. Heavy rainfall after maturity reduced test weights, particularly for earlier-maturing entries.

NOTES: PVL indicates the entry appeared to only partially vernalize and heading was late and incomplete. **NV** indicates not vernalized (inadequate cold weather to trigger heading). All entries eventually headed out.

Bold 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.

DISCUSSION: There was discussion last fall about planting dates, the ability to plant late, and crop isssurance with late planting. In this study there was little penalty for late planting in south Louisiana if long-vernalizaiton varieties are avoided. Twenty released varieties were planted in mid-Deember, one month after the 'Optimum" date. The late date headed, on average, on 6 days later than the optimum date. Most entries in this test could have been harvested within a day or two of the normal date, but weather and a few late entries prevented that. USG3477, a late-heading variety, did not vernalize and performed very poorly when planted late. The average yield for the late date waas actually 2.3 bu/acre higher than for the optimum, with a range of +15.7 to - 26.9 bu/acre. Test weights were generally lower with late planting. This is probably mostly due to delayed harvest caused by several light/moderate rainfall events. The normal planting date had heavier weed pressure from Poa annua than the late date. The late date was sprayed with RoundUp just prior to planting. Normal herbicide application for the entire field was delayed by a very wet late December and January, with resulted in wee