









Sugarcane Variety Identification

LACA Meeting 2008

By:

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American Sugar Cane League

VARIETY DESCRIPTORS	RANGE
1Canopy (leaf angle)	0 = erect; 9 = drooping
2Leaf blade shape	1. straight, 2. bent mid, 3. bent near tip, 4. curved mid, 5. curved near tip
3Leaf sheath wax	0 = none; 9 = very waxy (Y = rubs off easily; N = doesn't rub off easily)
4Leaf sheath hair	0 = none; 9 = very hairy
5Leaf sheath color	White, cream, tan, yel, yel grn, l-grn, grn, olive grn, brn, bronze, rose, red, l-purple, d-purple
6Auricle presence	N = no; Y = yes
7Auricle size	0 = absent; 9 = very long
8Auricle shape	
9Ligule shape	
10Dewlap color	White, cream, tan, yel, yel grn, l-grn, grn, olive grn, brn, bronze, rose, red, l-purple, d-purple
11Dewlap wax	0 = none; 9 = very waxy
12Dewlap shape	
13Collar hair	0 = none; 9 = very hairy (long)
14Sheath adherence	0 = clinging very tightly (very trashy); 9 = easily shed (self stripping)
15Stalk diameter	Measured to the nearest 0.1 cm (2.54 cm = 1 in)
16Internode alignment	0 = perfectly straight; 9 = extremely zigzagged
17Stalk wax	0 = none; 9 = very waxy (Y = rubs off easily; N = doesn't rub off easily)
18Internode form	
19Growth ring type	
20Exposed internode	White, cream, tan, yel, yel grn, l-grn, grn, olive grn, brn, bronze, rose, red, l-purple, d-purple
21Root band color	White, cream, tan, yel, yel grn, l-grn, grn, olive grn, brn, bronze, rose, red, l-purple, d-purple
22Growth cracks	0 = none; 9 = numerous, very large
23Bud shape	
24Bud groove	0 = none; 9 = deep
25Other descriptors	Examples: sheath splits, sheath blotches, brown sheath edges

VARIETY									
DESCRIPTORS	85-384	85-845	91-555	96-540	95-988	97-128	99-226	99-233	00-950
Canopy	4	5	7	3	5	6	6	4	6
Leaf blade shape	5	5	4	3	5	5	4	3	4
Leaf sheath wax	7N	3Y	3N	7N	5N	5Y	2Y	1Y	6Y
Leaf sheath hair	7	0	0	0	0	2	0	1	0
Leaf sheath color	grn	rose	red	grn	grn*	grn	grn	l-grn	rose
Auricle presence	Y	Y	N	Y	N	Y	Y	Y	Y
Auricle size	1	1	0	1	0	1	7	6	8
Auricle shape	6	3	2	6	2	4	9	8	8
Ligule shape	17	4	18	8	5	13	3	14	3
Dewlap color	o-grn	d-pur	brn	o-grn	o-grn	d-pur	o-grn	l-grn	o-grn
Dewlap wax	2	0	0	5	0	2	2	1	3
Dewlap shape	C	I	G	G	I	I	H	C	J
Collar hair	7	1	2	3	2	1	5	5	2
Sheath adherence	4	5	6	4	7	6	4	6	6
Stalk diameter	2.2 cm	2.5 cm	2.3 cm	2.6 cm	2.7 cm	2.5 cm	2.7 cm	2.0 cm	2.5
Internode alignment	1	2	2	1	3	2	2	3	3
Stalk wax	7N	5N	7N	7N	6Y	7Y	8Y	6N	6Y
Internode form	F	A	D	D	C	D	D	A	B
Growth ring type	1	1	1	1	1	1	1	1	1
Internode color	l-pur	brn	brn	bronze	d-pur	pur	pur	yel	o-grn
Root band color	crm	crm	white	crm	white	crm	crm	yel	grn
Growth cracks	0	0	1	0	0	0	1	7	0
Bud shape	D	C	H	E	F	B	C	H	E
Bud groove	0	0	0	0	0	2	1	0	0
Other descriptors	sheath edg brn	pithy stalks	narrow leaves	stiff leaves	sheaths split	sheath blotch	sheath edg brn	cracks in stalks	curled leaves

Canopy



CP 70-321

LCP 85-384

HoCP 85-845



HoCP 96-540

L 97-128



Ho 95-988

HoCP 91-555



L 99-226

L 99-233



L 99-226

HoCP 00-950

HoCP 96-540



L 97-128



6/9/2003

Ho 95-988



L 99-226



HoCP 00-950





L 99-226

HoCP 00-950

L 99-233





LCP 85-384



HoCP 96-540



L 97-128







H_oCP 91-555

LCP 85-384

H_oCP 96-540

L 97-128



L 99-226



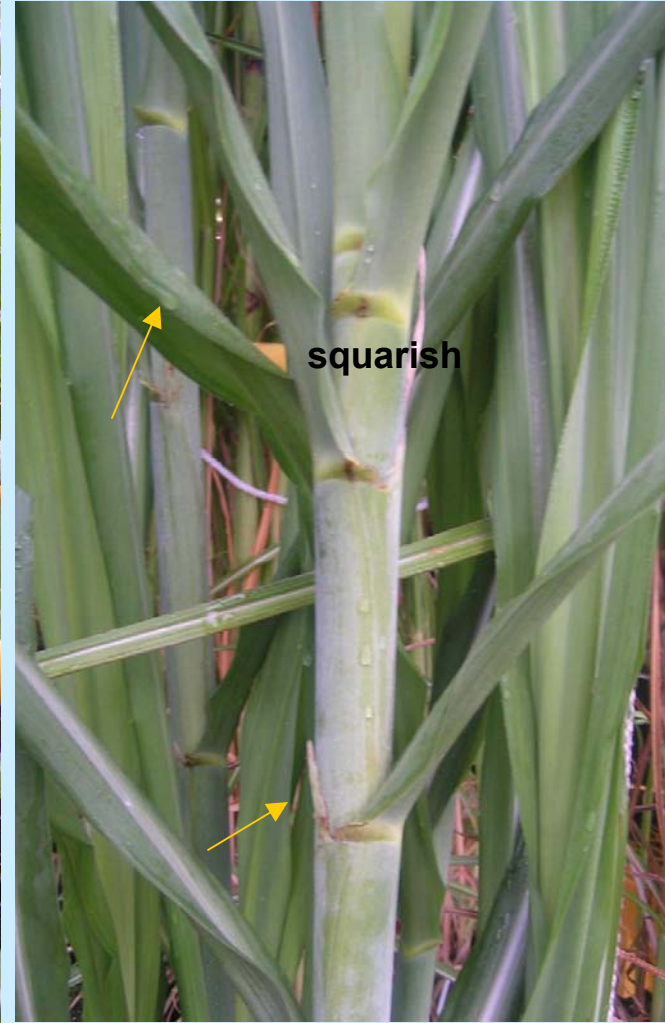
Dewlap region



HoCP 96-540



L 97-128



HoCP 00-950













Stalk color



HoCP 96-540



L 99-226



HoCP 00-950







LCP85-384

HoCP85-845

HoCP91-555

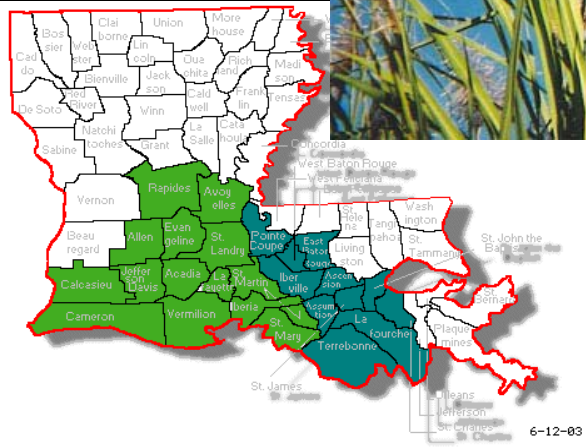
HoCP96-540

L 97-128

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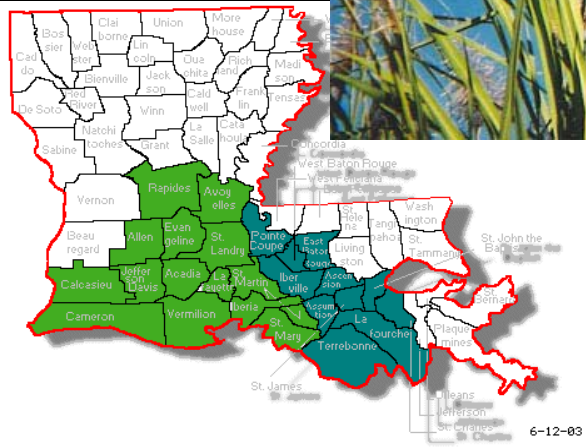


Louisiana Sugarcane growing region





Louisiana Sugarcane growing region





L 99-233





L 99-226

L 99-233