produced 20 and 14% more indicated sugar per hectare at early and late harvests, respectively, than did CP 63-588. The average stalk weight (over three crops) for CP 75-1082 was 1.8 kg or 12.5% heavier than the 1.6 kg of CP 63-588. CP 75-1082 and CP 63-588 have millability factors of 0.983 and 1.000, and fiber contents of 9.92 and 9.69%, respectively. CP 75-1082 also has excellent early vigor. Growth cracks are common in stalks of CP 75-1082, but the cracks have not caused serious deterioration of juice quality.

Seedcane of CP 75-1082 will be maintained by USDA-ARS at the Sugarcane Field Station, Canal Point, FL 33438.

B. Glaz, P. Y. P. Tai, J. D. Miller, J. L. Dean, M. S. Kang, and J. R. Orsenigo (3)

References and Notes

4. Agronomist, research geneticists, research plant pathologist, respectively, USDA-ARS, Sugarcane Field Stn., Canal Point, FL 33438; assistant professor, Univ. of Florida–Inst. of Food and Agric. Sci., Everglades Res. and Education Ctr., Belle Glade, FL 33430; and vice-president for research, Florida Sugar Cane League, Clewiston, FL 33440. Registration by Crop Sci. Soc. of Am. Accepted 30 June 1986.

REGISTRATION OF 'CP 78-2114' SUGARCANE

'CP 78-2114' sugarcane (a complex trispecies hybrid of Saccharum officinarum L., S. spontaneum L., and S. barberi) (Reg. no. 71) was developed through cooperative research by the USDA-ARS, the Institute of Agricultural Sciences of the University of Florida, to sugarcane mosaic virus, leaf blight [caused by Xanthomonas albilineans (Ashby) Dow]; rust (caused by Puccinia melanocephala (Butler) Shoemaker]; smut (caused by Ustilago scitaminea Sydow); eye spot [caused by Bipolaris sacchari (Butler) Shoemaker]; but no commercially important field infection of all of the clones tested. Growers should try this clone on small areas at different locations to determine where it will perform best.

CP 78-2114 has adequate resistance, for production in Florida, to sugarcane mosaic virus, eye spot, scald [caused by Xanthomonas albilineans (Ashby) Dow], and rust (caused by Puccinia melanocephala (Butler) Shoemaker]. Small areas at different locations to determine where it will perform best.

CP 78-2114 has adequate resistance, for production in Florida, to sugarcane mosaic virus, eye spot, scald [caused by Xanthomonas albilineans (Ashby) Dow], and rust (caused by Puccinia melanocephala (Butler) Shoemaker]. Small areas at different locations to determine where it will perform best.

CP 78-2114 has adequate resistance, for production in Florida, to sugarcane mosaic virus, eye spot, scald [caused by Xanthomonas albilineans (Ashby) Dow], and rust (caused by Puccinia melanocephala (Butler) Shoemaker]. Small areas at different locations to determine where it will perform best.