

‘Lanyang No.1’, a New Variety of Cat-tail Willow¹

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Summary

The Cat-tail willow clone 89-73 was selected from bud-mutative clones of Chinese Shanghai variety in 2003 by Hualien District Agricultural Research and Extension Station after clones propagation and selection trials, clones observation trial, clones comparison trials and local field trial. The clone 89-73 was registered in December 24, 2003 as a new variety ‘Lanyang #1’. The Lanyang #1 a bud-mutative branch of Chinese Shanghai variety, has big flower-buds and red bud-scales. Flower buds are composed of 2-4 inflorescences. The average of flower buds width is 1.15 cm, about 1.8 times wider than Chinese Shanghai variety. The bud-scales color was red, and the average a/b value was 2.03. Less total flower buds were recorded in ‘Lanyang#1’, as counted from the top one meter branch. However, there was no significant difference in flower bud number after harvest. There was no significant difference in number of flower buds fallen between ‘Lanyang #1’ and ‘Chinese Shanghai’ after cut shoot in vase for 6 weeks.

(Key words : Cat-tail willow, clone, variety, selection)

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