# Influences of Different Planting Date on the Yield and Quality of Cat-Tail Willow[1]

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## summary

To match the export and import market need, cat tail willow Shanghai used as the experimental material to discuss the effect on different planting date. This experiment conducted at the conversion paddy field in I-Lan on January 30, February 9 and February 19 from 1993 to 1995 separately. The experimental result of showed February 19 and 19 had the shortest sprouting time of 12~17 days and February 9 had the sprouting 15~17 days. The results from the harvest time showed the plant height of cat-tail willow had the best performance on February 9 with 216.3cm. and January 30 with 181.3cm. At the ratio of branch length after harvesting of cat tail willow that February 9 had the best performance with 77% cut branches of the excellent grade over 150 cm and January 30 had 66%. The investigation on yield of the cat- tail willow effected by planting date, that February 19 had the highest yield with 7.6 branches per plant. February 9 with 7.5 branches and January 30 with the lowest yield with 6.9 branches per plant, but not significantly different at 5% level.

(Key words: Cat-tail willow, Planting date, Quality, Yield)

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