

# **RESEACH ON PLANTING SEASON FOR TWO NEW CASSAVA VARIETIES BKA900 AND KM419 IN VAN YEN DISTRICT, YEN BAI PROVINCE**

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## **Summary**

The trial research on 5 different planting times from 15<sup>th</sup>-Feb. to 15<sup>th</sup>- Apr. 2017 in order to determine the best planting season for two new cassava varieties: BKA900(G<sub>B</sub>) and KM419(G<sub>K</sub>) was conducted in Van Yen district, Yen Bai province. The experiment included 10 treatments combining two varieties and planting times, and was arranged in a Split-plot design with three replications. The variety was arranged in the main plot and the planting season was arranged in the subplot. Results showed that planting on the 1<sup>th</sup> and 16<sup>th</sup> Mar., both the cassava varieties regenerated shoots the earliest (12 -13 days after planting), performed concentrating shoot regeneration (5 – 6 days for shoot regeneration), the highest percentages of shoot regeneration (93.3% and 96.7%) and the strongest growth of plant canopy. Each of the variety or the planting season had significant effect on root yield components and root yields and the root quality. Generally, BKA900 variety exhibited the growth and development better than KM419, and planting on 1<sup>th</sup> to 16<sup>th</sup> Mar. was more suitable than planting on other planting times. There was a significant interaction between the variety and the planting season, the treatment combining BK900 variety and planting on 16<sup>th</sup> Mar. reached the highest yields with 54.3 tons/ha of raw tuberous root yield, 18.9 tons/ha of dried root yield and 13.1 tons/ha of starch yield.

**Keywords:** *BKA900, KM419 cassava varieties, planting season, growth, yield, quality, Van Yen district.*