

Apple

Belgium - 2013



Aim of the trial

The aim of the trial is to verify the effect of a foliar fertilisation with phosphorous (in combination with zinc) on the quality and the colouring of the fruits.

General information

In collaboration with:

PCFruit-proeftuin pit- en steenfruit (research centre for fruit) – Sint-Truiden - Belgium

Materials and methods:

Variety: Kanzi – Root stock : M 9

Plant year: 2009

Density : 3,5 x 1 m = 2571 trees/ha

Harvest dates: 15 and 29 October 2013

Treatments

T0: Control

T1: MKP: 6 x 3 kg MKP: 31/5, 12/6, 1/7, 29/7, 20/8, 9/9

T2: MAP: 6 x 3 kg MAP: 31/5, 12/6, 1/7, 29/7, 20/8, 9/9

T3: BMS MN: 3 x (1,25 L Landamine Zn): 26/8, 9/9, 23/9

Results

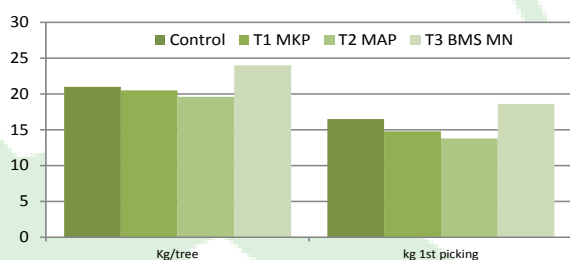
Production

	Kg/tree	Fruit weight (gr)	Amount of fruits	Kg at the 1st picking
T0: Control	21	150	141	16,5 (78 %)
T1: MKP	20,5	155	132	14,8 (72 %)
T2: MAP	19,6	143	136	13,8 (70 %)
T3: BMS MN	24,0	158	151	18,6 (78 %)

Fruit Quality

1st picking	Firmness	Sugar content (° Brix)	Starch Value (1-10)
T0: Control	8,4	12,8	7,7
T1: MKP	8,1	12,9	7,6
T2: MAP	8,2	12,6	7,6
T3: BMS MN	8,2	12,7	7,6

Landamine Zn has a positive influence on the colouring. Despite of the higher production, already 78 % of the fruits were sufficiently coloured at the first picking.



CONTACT

PRODUCED BY:

BMS Micro-Nutrients NV

Rijksweg 32 - 2880 Bornem – Belgium

RPR Antwerpen – Afd Mechelen – ON 0440.980.608

Tel: +32.3.899.10.10

www.chelal.com

info@chelal.com