

育种与栽培

6—BA复合软膏对幼年苹果树萌芽抽梢和整形的影响

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摘要:

本试验研究了6-BA复合软膏(点枝灵)对苹果幼树萌芽、抽梢和整形的影响及应用技术.试验表明,点涂6-BA含量为81±5μg/芽的6-BA复合软膏可以有效地促进苹果12年生树侧芽萌发,增加发枝次数和枝量,有利于建造合理的树体结构,从而达到苹果树的早结丰产.

关键词: 6-BA 点涂 苹果 萌芽 新梢生长 整形

Effects of Point-daub with 6-BA Ointment on Bud Breaking,Shoot Growth, and the Shaping of Young Apple Trees

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Abstract:

Point-daub with 6-BA ointment was systematically applied to 1-or 2-year old apple trees to investigate its effects on bud breaking, shoot growth, and the shaping of apple trees, as well as application techniques. The results showed that point-daub with 6-BA ointment could effectively induce bud breaking, particularly for lateral bud in the year, the response was up to 81 ±5μg 6-BA/Bud. The suitable times for increasing the rates of bud breaking and shooting with the daub in order for the central branch and the base main branch were from the half of May to the half of July. Regardless of the cultivars used , the bud breaking and shooting rates were remarkably increased for horizontal or downside lateral buds on the base main branch. Only slight differences were observed with the daub on the buds for the shoot length, in which 'Red Fuji' or 'Mutsu' had the greater growth than 'Starkrimson' or 'Orin'. From Table 5, it can be seen that point-daub with 6-BA ointment continuously at the pla...

Keywords: 6-BA ointment Point-daub Apple Bud breaking Shoot growth Shaping

收稿日期 修回日期 网络版发布日期

DOI:

基金项目:

农业部“八五”重点课题资助项目.

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