

มะนาว โดยใช้เทคนิคกระบวนการปฏิบัติโดยรวมอยู่ในระดับมากที่สุด ($\bar{X} = 4.55$, S.D. = 0.47) และ 5) ผลการถอดหาคงค่าความรู้จากเกษตรกรได้องค์ความรู้ในการปลูกมะนาวแบ่งออกเป็น 4 ชั้น คือ ชั้นความรู้ขั้นตอนการฝึกฝนให้เติบโตตามลำดับชั้นจากง่ายไปยากขั้นสาธิต และอธิบายแนะนำและชั้นจัดให้ผู้เรียน ได้ฝึกปฏิบัติจริง



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TITLE : Development of learning about planting techniques using lime process
Groups of farmers Tha Song KhonMuangMahaSarakham.

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ABSTRACT

This research aimed to 1) Study the problems status needs for the lemon plantation the tasongkhon farmer group. 2) Develop a learning activity package using practicum technique. 3) Compare the learning of lemon plantation. 4) Satisfaction of the farmer group and a knowledge of lemon plantation. The consisted of 10 farmer of ta song khon farmer group muang district mahasarakham province , instrument for the study the included. 1) a survey of problems and needs of farmers Lemon plantation. 2) learning activity package 3) a satisfaction And 4) a learning achievement test statistics used for analyse were moon standard and paired t-test.

The results are as follow:

1) study the problems and needs of the growing lemon farmers Tha Song KhonMuangMahaSarakham the opinions of farmers towards the problems of growing citrus in overall levels. Much And Comments on Lemon needs to grow by at the most. 2) the development of a series of activities to learn about the cultivation of lemons. The technical process Kit contents include six units of test learning period of 10 hours and 6.30 in the training activities set efficiency criteria E1 / E2 is equal to 86.00 / 92.00 , higher than the set criteria. 3) farmers have higher achievement scores after the training than the average before the training level of statistical significance .05 4) Farmers are satisfied to learning about planting a lemon. Using the overall performance in the most. 5) Removing the knowledge of

farmers. Have knowledge of growing citrus divided into four stages: the process of knowledge practice according to the order from easy to difficult to demonstrate and explain the recommendations. And to arrange for students to practice.



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