

Longan season in Thailand is during July-August and is mostly from a single main variety, Daw. During this period, there is a surplus of supply of the fruits are on the market. The surplus of longan forces the price to decrease and impairs the growers. Furthermore, there is insufficient labor to harvest longan. It is longan season in China During this period as well which is the main market of Thailand's longan. To solve these problems, the Department of Agricultural and Co-operative has issued a policy of dispersing longan production throughout the year and aims to produce off season longan in 40% of the total planting area.

longan



**Producing Off -  
Season Longan  
by Using  $KClO_3$**





- An integration of knowledge from the research and local wisdom on longan production
- The selection of the right production period and location at the right time of the market demand.
- Successful risk management by subdividing the land to produce multiple crops year round.



Timing for important events for Thailand longan and suitable period to apply KClO3 in a year.

Time of application	Time of harvest	Important events
May – June	December	Christmas-New Year
June (10 – 30)	Lat Jan – Early Feb	Chinese New Year
Late June – July	March	Ancestor memorial day
November	June	Early season

Recommendation rate of KClO3 for difference tree size.

Canopy Diameter (m)	Application Rate (g/tree)
3	50 – 150
4	100 – 250
5	150 – 400
6	250 – 600
7	300 – 800
8	400 – 1,000
9	500 – 1,300
>10	600 – 1,500

## Season Production Procedures



Prepare for healthy trees by cutting back canopy height and having at least 2 leaf flushings.



Clean up area under the trees/canopy. Apply KClO3 evenly then watering.



Flowers will start to immerse in 3-5 wks after that.



In case of heavy fruit setting, pruning back fruit panicle and leave 40-60 fruits/panicle.



Timing for important events for Thailand longan and suitable period to apply KClO3 in a year.



Grading and packing longan with uniform size and the attach stem not longer than 15 cm into the baskets.



Bring the packed baskets to sell to the middle man.

The success of off-season production will depend on: