

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

WAIKEN™
Orchard Spray Emulsion Concentrate

ACTIVE CONSTITUENT: 388g/L METHYL ESTERS OF FATTY ACIDS

**FOR THE INITIATION OF DORMANCY BREAK
IN APPLES, CHERRIES and GRAPES (PINOT NOIR)**

CONTENTS
5 LITRES
20 LITRES
200 LITRES
1000 LITRES



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DIRECTIONS FOR USE:

Situation	Application Litres/100L	Water volume Litres/Ha Refer to Application section	Critical Comments
Apples	4	1000-2000	To advance bud break : apply 35-50 days before bud break would normally occur. To set back bud break : apply from 20 days before bud break would normally occur, up to the time of green tip. Waiken can also be a very useful pretreatment to fruit thinning in apples as it will compact flowering.
Cherries	4	1000-2000	
Grapevines (Pinot Noir)	4	150-300	
<p>The general recommendations above for time of application may need to be varied depending on the species or variety being treated and also dependent upon the region and environmental conditions that prevail. Earlier application in some cases is desirable in areas of minimal risk of damage from frost. Further advice, prior to using WAIKEN, on timing of application and appropriate record keeping, should be obtained from your farm chemical supplier, consultant, local Department of Agriculture, Primary Industries Department or a SST Australia representative.</p>			
<p>Pretreatment to fruit thinning in apples. Waiken may be a useful tool in assisting with fruit thinning in apples because a shorter blossoming period in apples is associated with more reliable and predictable thinning of apples with chemicals. An application of Waiken will help compact the blossom period and help reduce the risk of overthinning or underthinning. Improve Pollination in apples and cherries. There is evidence to show that improving pollination can improve fruit set, fruit size and fruit quality.</p>			
Where to apply		Good coverage on all branches.	

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS

WAIKEN is a formulated product that has been designed to stimulate dormancy break in apples and cherries in situations where insufficient chills have occurred which could result in late bud burst and extended flowering. Waiken induces a period of dormancy after which the flowers come out uniformly. This generally means that early application of Waiken brings forward bud burst while late application delays bud burst. Waiken compresses the flowering period. This can reduce the available time for flowers to open to pollination. Sufficient pollinators and bee activity must be provided in this situation.

APPLICATION:

Spray volumes will vary depending upon crop species, row density, tree size/age etc. Use an airblast sprayer, which is calibrated to spray at high volume, and to give an even droplet size, to apply spray over the entire tree aiming to wet branches evenly. Use approximately 1000 – 2000 Litres of spray per field hectare for apples and cherries depending upon tree size and density, and 150 – 300 Litres of spray per hectare for grapes. Lower volumes should only be applied if the specification of the sprayer and nozzles used optimize cover at low volumes (less than 1000 litres of spray per hectare). This depends on the equipment manufacturers specifications. Otherwise, low volumes of spray could result in poorer coverage and reduced efficacy. Ensure sprayer is calibrated to give even coverage over the whole tree. To

calibrate spray for bare trees a run with pure water and water sensitive paper will help determine the volume necessary to properly cover the trees.

NOT to be applied by aerial spraying.

MIXING: Half fill spray tank with water. Add required volume of WAIKEN. Place hose in tank below water line and top up.

PRECAUTIONS

RE-ENTRY PERIODS

Do not allow entry into treated areas for 12 hours after treatment. If prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), face shield or goggles and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT: DO NOT contaminate streams, rivers, or waterways with the chemicals or used container. A strategy to minimise spray drift should be employed at all times when applying spray within 50 m of aquatic environments.

STORAGE AND DISPOSAL: Keep out of the reach of children. Store in closed, original container in a well ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Triple rinse or preferably pressure rinse containers before disposal. Add rinsings to spray tank or knapsack mix. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill site. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS: Will irritate the eyes and skin. Avoid contact with eyes and skin. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. Avoid inhaling vapour or spray mist. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves and a face shield or goggles. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID: If poisoning occurs, contact a doctor or Poisons Information Centre (Tel 13 11 26). If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

CONDITIONS OF SALE: The use of SST Waiken being beyond the control of the manufacturer, no warranty expressed or implied is given by SST Australia Pty Ltd regarding its suitability, fitness or efficacy for any purpose for which it is used by the buyer, whether in accordance with the instructions or not and SST Australia Pty Ltd accepts no responsibility for any consequences whatsoever resulting from the use of this product.

Batch No:

Date of Manufacture:

In Transport Emergency Dial 000 Police or Fire Brigade
NRA Approval Number: 52998/0601