

CLAYTON STUN

A water soluble granular formulation containing 600g/kg 60%w/w maleic hydrazide.
A growth regulator for use in potatoes and bulb onions. **MAPP 17194**



Clayton Stun contains maleic hydrazide in a water soluble granule formulation

TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Avoid release to the environment.

Collect spillage.

Dispose of contents/ container to an approved waste disposal plant.

To avoid risks to human health and the environment, comply with the instructions for use

The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of this product at work.

IMPORTANT INFORMATION : FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL PLANT GROWTH REGULATOR			
Crops	Maximum individual dose	Maximum number of treatments	Latest time of application
Potato	5.0 kg/ha	One per crop	21 days before harvest
Bulb onion	4.0 kg/ha	One per crop	7 days before harvest

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

SAFETY PRECAUTIONS

Operator Protection:

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

WEAR SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (FFP2) when handling the product

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces. However engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental Protection:

Do not contaminate water with the product or its container.

Storage and Disposal:

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

EMPTY CONTAINER COMPLETELY and dispose of safely.

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Contents: 5kg e

PROTECT FROM FROST

SHAKE THOROUGHLY BEFORE USE

Keep in a dry, cool pesticide store.

Batch No:

Conditions of Supply: all goods supplied by us are of high quality and we believe them to be correct but, as we cannot exercise control over their storage, handling, mixing or use, or weather conditions before, during and after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or resellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

DIRECTIONS FOR USE

IMPORTANT : This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of the product.

WARNINGS

Overlapping of spray swaths should be avoided.

Rain or irrigation within 24 hours of application may cause some loss of effectiveness.

To ensure maximum uptake and translocation, do not use under drought conditions, or when the temperature exceeds 26°C, or if other stress factors such as diseases or insect damage are present,

Do not mix with strongly alkaline sprays or those containing copper compounds.

Clayton Stun is non-volatile but spray drift should not be permitted onto nearby crops.

Mixing: Pour the required quantity of Clayton Stun in to a three-quarter filled spray tank with continuous agitation. Add the remaining water whilst maintaining agitation. Continue agitation until the product is fully dispersed in the spray tank and continue agitation during spraying. All spraying equipment should be thoroughly washed out immediately after use.

Compatibility: Best results are achieved when Clayton Stun is used alone and not in a tank mix.

Spray Quality: For all the following crops apply as a MEDIUM spray as defined by the BCPC system.

CROP SPECIFIC RECOMMENDATIONS

ONIONS: Sprout inhibition

Warnings: Do not spray onions earlier than two weeks before maturity or spongy bulbs may result.

Green tops are essential for the absorption of Clayton Stun and its translocation to the bulb.

A minimum of 4 days must elapse between treatment and topping.

Use only on varieties with good keeping qualities.

Premature application may increase the incidence of browning of the growing point if dormancy breaks in store.

Rate of Use and Timing: Use 3.5 to 4.0 kg in 500 to 600 litres water per hectare. The high rate of Clayton Stun may give better sprout control and must be used for long term storage. Apply at 10-30% necking and not later than 50% necking, when tops are still green. This stage usually occurs about 10 days to 2 weeks before harvest. Do not apply less than one week before harvest.

POTATOES

Warnings: Do not use on seed or first early potatoes, or potatoes intended for use as seed. Occasional injury to the terminal growth has been observed following application of Clayton Stun. Varieties with vigorous haulms and late maturing foliage, e.g. Cara, may be particularly prone to such damage. Treated tubers should be regularly inspected in store. Treatment with a secondary sprout suppressant may be required at the first signs of sprouting. Uneven or excessive application (such as overlapping spray swaths) may result in reduced efficacy and physiological disorders such as thick skins or cracking of the skin where most eyes occur, thick skins on potatoes.

General Information

Clayton Stun should be used on second early and maincrop varieties not being used for seed as part of an integrated programme for the control of volunteer potatoes in succeeding crops. Clayton Stun will also suppress sprouting in all potato varieties in store. The length of control achieved in a given season is a function of several factors such as variety, growing conditions, application conditions and accuracy, length of storage period and conditions during storage period.

Rate of Use and Timing : Use 5.0 kg in 350 to 500 litres water per hectare. Application should be made to the actively growing foliage when the smallest tubers required to reach marketable size will be not less than 25 mm long and starting to expand. Typically this will be 3 to 5 weeks before haulm destruction but may occur earlier. Important factors are the number of tubers required to reach marketable size and the health of the haulm. Do not desiccate or haulm destruct within 3 weeks of applying Clayton Stun.

For optimum results, the crop condition should be as follows:

Flowering	The last few flowers may still be apparent. Most of the blossom will already have fallen.
Haulm	Haulm health and tuber size are the two most important factors when using Clayton Stun. Some of the lower leaves may be turning yellow but the haulm must be predominantly green, healthy, actively growing and free from stress, disease and insect attack.
Tubers	Dig sample plants at random to check tuber size and number before deciding to spray. Tubers less than 25 mm long will stop growing after application. Only tubers larger than this at application will be harvested.

Note: Application five weeks before haulm destruction has been shown to give better sprout control than the later timing of three weeks before haulm destruction.

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