

FAZOR FLO

MAPP 21345 PLANT GROWTH REGULATOR

Plant growth regulator for use as a foliar treatment in potatoes, onions, shallots and garlic to suppress sprouting in store and for the control of potato volunteers in the following crop.

A water soluble concentrate (SL) formulation containing 270.2 g/L (22.8 % w/w) maleic hydrazide. The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL PLANT GROWTH REGULATOR

Crops:	Maximum individual Dose (Litres/ha) :	Maximum number of treatments :	Latest time of application :
Potato	11.1	One per crop	21 days before harvest
Bulb onion, shallot, garlic	8.9	One per crop	7 days before harvest

Other Specific Restrictions

The empty container must be returned to the supplier.

The empty container must not be re-used for any other purpose.

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.

Contains alcohols, C12-14, ethoxylated 11 EO

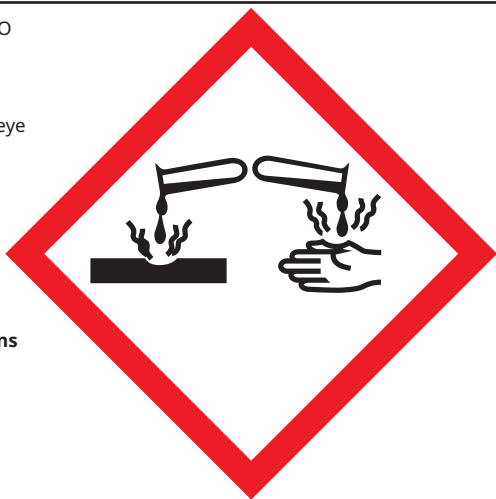
DANGER

Causes serious eye damage.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

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



Manufacturing date and Batch No.:
see packaging

For 24 hour emergency information contact:
CARECHEM24 +44 (0)1235 239670

Approval Holder & Marketing Company:
UPL Europe Ltd, The Engine Rooms, 1st Floor,
Birchwood Park, Warrington, WA3 6YN
Telephone: 01925 819999 **Fax:** 01925 817425

PROTECT FROM FROST

Net Contents:
300 L



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 FACE PROTECTION (FACESHIELD) when handling the concentrate.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows 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 (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

Storage and Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place DO NOT RE-USE CONTAINER FOR ANY OTHER PURPOSE. RETURN EMPTY CONTAINER TO THE SUPPLIER. DO NOT RINSE OUT THE CONTAINER. OPEN THE CONTAINER ONLY AS DIRECTED.

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 this product.

WARNINGS

Protect from frost. Do not store below 5°C as the formulation freezes at approximately 0°C. Only use the product at temperatures above 5°C.

Overlapping of spray swaths should be avoided. Some reduction in effectiveness will occur if rain occurs or if irrigation is applied within 24 hours of application. Do not use under drought conditions, when the temperature exceeds 26°C, or when the crop is under stress from other factors e.g. diseases or insect damage, to ensure maximum uptake and translocation. Do not mix with strongly alkaline sprays or those containing copper compounds. Although Fazor Flo is non-volatile no drift should be permitted onto nearby crops.

Mixing:

Steadily pour the required quantity of Fazor Flo into a three-quarter filled spray tank with continuous agitation, then add the remaining water whilst maintaining agitation. Continue agitation for a further 5 minutes or until the product is fully dispersed in the spray tank. Continue agitation during spraying. Ensure that all spraying equipment is thoroughly washed out immediately after use.
For pack sizes greater than 20 Litres, use mechanical handling of the container.

CONTAINER OPERATING PROCEDURES

Spray Quality:

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

CROP SPECIFIC RECOMMENDATIONS

Onions, shallots, garlic

Warning

Green tops are essential for the absorption of Fazor Flo 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. Do not apply more than once per crop.

Rate of Use

Apply 7.8-8.9 litres of product in 500 to 600 litres of water per hectare. The high rate of Fazor Flo may give better sprout control and must be used for long term storage.

Timing

Apply between 10% and 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.

Growers should regularly inspect treated tubers 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 rose end* cracking and/or thick skins on potatoes. * i.e. the end where most eyes occur. Occasional injury to the terminal growth has been observed following the application of Fazor Flo. Varieties with vigorous haulms and late maturing foliage, e.g. Cara, may be particularly prone to such damage.

General Information

Fazor Flo can 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. Fazor Flo will suppress sprouting in all potato varieties in store. The length of control achieved in a given season will be a function of several factors including variety, growing conditions, application conditions and accuracy, length of storage period and conditions during storage period.

Rate of Use

Apply 11.1 litres of product in 350 to 500 litres water per hectare.

Timing

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. The most 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 the product.
Do not apply Fazor Flo after onset of senescence or when leaves have started to turn yellow.
For optimum results, the crop condition should be as follows:

Flowering

The last few flowers may still be apparent but most of the blossom will already have fallen.

Haulm

Haulm health and tuber size are the two most important factors to bear in mind when applying Fazor Flo. The haulm must be predominantly green and actively growing, and free from stress, disease and insect attack.

Tubers

Sample plants should be dug at random to examine tuber size and number before deciding to spray. Tubers less than 25 mm long will stop growing after application, so only the tubers which are 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.

COMPANY ADVISORY INFORMATION

CONDITIONS OF SALE

We accept responsibility for this product meeting the declared specification and also for our written directions for use and warnings. Users however should beware that no responsibility can be accepted for use which disregards our written instructions, including directions, warnings and precautions, nor for any advice given by any person whether verbal or written, about storage, mixing and application, or about any use which is not strictly in accordance with our written instructions.

CONTAINER OPERATING PROCEDURES

GENERAL GUIDELINES

- Although larger than some packs this container is governed by all the rules of storage and usage of any other pesticide container.
- Products other than Fazor Flo should not be put into this container by the user.
- Any damage to the container should be reported immediately to UPL Europe Ltd.

TRANSPORTATION AND STORAGE

- The container should only be transported by suitable mechanical means.
- Containers containing pesticide must be stored in a BASIS registered store on a flat and level surface. Empty containers need not be stored in the BASIS registered store but must be kept in a suitable secure area until they are returned.
- The container should not be used to support any other structure, shelving or equipment.
- During transportation the empty container must be regarded as containing pesticide and treated as such.

USING THE CONTAINER

- Before the container is removed from the store, the seals should be checked to ensure they are intact.
- When the container is taken into the working area it must stand on a flat surface in a banded area which complies with all national and local regulations for spillage.
- Closed Transfer System (e.g. FasTran 850) is recommended to transfer product from the IBC to the sprayer according to the equipment manufacturer's instructions.
- Care should be taken to ensure the container does not become empty during use.

DRAINING DOWN

- Care should be taken to minimise the risk of spillage whilst draining down product from the container. It is recommended that this procedure takes place either within the banded area where the container is used or in the BASIS registered store.
- It is advisable to lift the container with a forklift truck to sufficient height to allow a suitable, sealable container, to be positioned beneath. It is recommended that a funnel is used to minimise the risk of spillage.
- **DO NOT LEAVE PRODUCT IN AN UNLABELLED CONTAINER. POUR CONTENTS INTO A SMALLER CONTAINER OF THE SAME PRODUCT OR INTO THE NEW CONTAINER TO BE USED.**
- When all of the product has been removed from the container the seal should be replaced securely.
- **The washings and absorbent paper used in the cleaning operation should be disposed of safely.**

AGITATING PRODUCT BEFORE USE

If the product has not been used within 6 months of delivery, it is advisable to re-mix the product to ensure that the contents of the container are homogenous. This can be done by re-circulating the product for a minimum of 15 minutes with a pump (depending on the volume of product in the container). Any pump having a gentle action can be used. Do not use high speed or centrifugal type pumps.