

CLAYTON ASTRA

ADJ 0724

Contains 500 g/l alkoxyated sorbitan esters and 500 g/l alkoxyated tallow amines in a soluble concentrate

An authorised adjuvant, with spreading and penetrant properties, for use with certain pesticidal and plant nutrition products in a wide range of crops and situations.



DANGEROUS FOR THE ENVIRONMENT

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL/INDUSTRIAL/FORESTRY WETTING AGENT

Crops:	see Directions for Use
Maximum concentration:	0.15 % v/v of the total spray volume
Maximum number of treatments:	as per the conditions of use of the allied pesticide
Latest time of application:	see Directions for Use

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

Follow all operator exposure instructions for the allied pesticide. Where the personal protective equipment specified for this adjuvant label is different from that specified on the allied pesticide label, the highest level of protective equipment must be worn.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

Environmental protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

Do not use this product with any pesticide to be applied in or near water.

Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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

This material and its container must be disposed of in a safe way.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank, and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

**Clayton Plant Protection Ltd.,
Unit F10, Bracetown Business Park
Clonee, Co. Meath
Ireland.**

Tel: (00 353) 1 8210127

Contents: **1 litre**

PROTECT FROM FROST

Batch No:

This product is authorised under the Control of Pesticides (Amendment) Regulations 1997.

To avoid risks to man and the environment, comply with the instructions for use.

Safety data sheet available for professional user on request.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains alkoxyated tallow amines).
UN 3082, Class 9, Packing group III

Conditions of Supply

All goods supplied by us are of high grade and we believe them to be suitable but as we cannot exercise control over their storage handling mixing or use or of the 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 this product.

LIMITS OF USE

Clayton Astra is authorised for use with approved pesticides as per this table:

Crop or situation	Allied pesticide	Maximum concentration	Maximum number of treatments	Latest time of application
All non-edible crops	approved pesticides	0.15 % v/v	as per the statutory conditions of use of the allied pesticide	
All edible crops	approved pesticides at half or less than half of the approved rate	” ”	” ”	” ”
Non-crop production	approved pesticides	” ”	” ”	” ”
Cereals	approved herbicides	” ”	” ”	” ”
Stubbles, post-harvest Grassland destruction	approved formulations of glyphosate	” ”	” ”	” ”
Apple Pear	approved pesticides applied at up to their full approved rate	0.15 % v/v	as per the statutory conditions of use of the allied pesticide	up to and including fruit at 5-10 mm diameter
Almond				up to and including first fruit set
Apricot	” ”	” ”	” ”	
Cherry				
Cucumber				
Table grape				
Wine grape				
Peach				
Plum				
Raspberry				
Strawberry	” ”	” ”	” ”	up to and including first fruit development
Blackcurrant	” ”	” ”	” ”	up to and including first visible green fruitlet
Tomato	” ”	” ”	” ”	up to and including first fruit set on first truss
Broad bean Dwarf French bean Field bean Runner bean	” ”	” ”	” ”	up to and including first pod set
Combining pea Vining pea	” ”	” ”	” ”	up to and including flat pod (non-edible pods)
Edible podded pea	” ”	” ”	” ”	up to and including pod set
Oilseed rape	” ”	” ”	” ”	up to and including 10% potential pods formed
Linseed	” ”	” ”	” ”	up to and including 10% capsules formed
Potato	” ”	” ”	” ”	up to and including tuber initiation
Sugar beet	” ”	” ”	” ”	up to and including 6 expanded leaves
Cereals	” ”	” ”	” ”	up to and including GS 52 (¼ inflorescence)
Forage maize	” ”	” ”	” ”	up to and including tip of tassel visible
Brussels sprout	” ”	” ”	” ”	up to and including start of lateral bud formation
Cauliflower	” ”	” ”	” ”	up to and including start of head formation (1 cm diameter)
Hops	” ”	” ”	” ”	up to and including cone set
Lettuce (heading varieties)	” ”	” ”	” ”	up to and including start of head formation
Lettuce (non-heading varieties)	” ”	” ”	” ”	up to leaf rosette at 30% of harvest diameter

GENERAL RECOMMENDATION

Clayton Astra is an adjuvant, recommended for inclusion in spray mixtures, to improve the efficacy of growth regulators, herbicides, fungicides and insecticides. Do not use Clayton Astra in the preparation of any spray mixture when the addition of wetting agent is contra-indicated by the label of a candidate ally pesticide or when the safety margin between the crop and the spray mixture might be reduced critically; if in doubt seek professional advice. Clayton Astra may be used in pesticidal spray mixtures up to the latest time of application stated for the relevant situation – see table LIMITS OF USE. For specific recommendations consult your distributor.

When allied solely with crop nutrition products, the use of Clayton Astra is not governed by the Control of Pesticides (Amendment) Regulations 1997, but nevertheless, the principles of this label should be observed.

RATES OF USE

Normal rate	0.1 % v/v	equivalent to 100 ml per 100 litres spray volume
Super rate	0.15 % v/v	equivalent to 150 ml per 100 litres spray volume

When the allied pesticide is being used at half or less than half of its approved rate of application, inclusion of Clayton Astra at the **super rate** (0.15 % v/v) is recommended.

SPRAY MIXING

Half-fill the spray tank with clean water and put under agitation. Add the required volume of Clayton Astra, followed separately by the allied pesticide as per its manufacturer's instructions. Top up the tank with water and keep under agitation until sprayed out. If excessive foaming occurs, an antifoam agent may be added.

APPLICATION

Follow the Directions for Use of the allied pesticide.
