



Preparation is the key to victory

HML32: Mixing Instructions and Compatibility

Protector^{hml} and HML32: armour plate for grapes



If you are using HML32 for the first time, please take time to read through this guide. For further advice, contact your supplier or ring **Chris Henry** on **027 294 1490**

In General

When used correctly, under normal conditions, there are no mixing issues with HML32. Problems can occur when **concentrated** (undiluted) or **incompatible** spray materials are brought together.

Mixing Instructions

HML32 should be thoroughly mixed first with either a power drill and paint stirrer, or poured several times between buckets.

- 1 **Three-quarters fill** the spray tank with agitators running at operating pressure or normal PTO speed.
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- 2 If using HML Silco, **add it to the tank first**
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- 3 Add sulphurs, coppers and other materials and ensure they are **properly suspended**. Slurry mix if needed.
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- 4 Stir HML32 in its pail and **slowly** add through top filter basket or venturi. If there is an issue, dilute HML32 with further water before adding.
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- 5 **Do not** leave the spray tank standing without agitation for long periods.
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- 6 After the first tank application, **check sprayer filters**.

HML32: Treatment Notes

For a **protectant** powdery mildew programme, **HML32** must always be used with **sulphur**. HML Silco improves efficacy. Copper can be added for enhanced eradicant activity on powdery mildew. Refer to HML Spray Programme for further information.

✓ Compatible Products:

- Wettable sulphurs
- Copper products - there has been an odd issue with compatibility of some 'blue' copper products. To date Nordox has not presented any issue.
- Seaweed - powdered or liquid
- HML Potum (potassium bicarbonate)
- HML Silco (potassium silicate)

❗ Incompatibility Risk:

- Calcium, magnesium and other trace element additives
- Other spreader/sticker adjuvants
- Fish oils, vegetable or mineral oil, including any product containing traces of them.
- Many chemicals, such as Shirlan/Gem, are directly incompatible.
- Hard water (high in dissolved mineral cations) increases the risk for any product, including HML32.



If in doubt, always do a small premix (jar test) to confirm compatibility.

