Colwall Orchard Group:

Safe Way of Working: SWOW03 -

Use of Speidel Apple Mill

Prepared by: Andy Ball 06 November 2019

Review: Annually thereafter (or in the event of an accident)

Reviewed by: C Blake 3rd December 2024

Next review: by 30 August 2025

**Introduction**

The Speidel Apple Mill is an expensive piece of electrical equipment used in the apple / pear juicing process. Its’ use greatly increases the amount of juice that can be extracted from fruit compared with manual scratting.

**The equipment is suitable for use on apples and pears only.**

**Use of this equipment is only to be allowed under the supervision of a Lead Volunteer.**

**Before Use**

The Speidel Apple Mill is a heavy piece of equipment. Two people should lift it into position.

Before use check the equipment and power lead for visible signs of damage. Do not use it if the equipment is damaged in any way, but instead report to a Lead Volunteer.

Do not use the equipment if it is labelled **Not For Use.**

Ensure that the equipment is located on a flat surface before use.

Since this is electrical equipment it should not be used in wet conditions.

Before use ensure that the plastic funnel is correctly clipped to the base unit where the motor is situated.

**The equipment turns on / off using the green / red buttons on the base.**

Fruit to be milled should be washed in advance. **Any fruit that you would usually reject for eating should not be milled and should be discarded**. Remove any material that you do not want to have juiced (eg: twigs, stones, leaves, wildlife) before it is loaded into the mill.

**Operation**

**Do not put your hand down the funnel during operation.**

**The equipment must be turned on and running before fruit is loaded.**

Load fruit via the funnel into the machine taking care not to overload the mill mechanism.

Be aware that juice/pulp may spit back from the funnel during use.

If the sound of the machine becomes laboured, or the machine blocks up, then turn off the machine using the red button, disconnect the power lead, and seek assistance from a Lead Volunteer.

Whilst operating the mill ensure that you have a container in place to collect the fruit pulp and make sure that pulp does not get jammed as it enters the container.

When you have completed processing a batch of fruit turn off the mill using the red button.

**After Use**

**The Speidel Apple Mill should be cleaned and left dry after use.**

**Cleaning of the equipment must be supervised by a Lead Volunteer.**

To start the cleaning process clean water can be poured through the machine whilst it is running to flush through any fruit pulp.

After flushing through with water, turn off the machine and disconnect the power supply. The funnel may then carefully be unclipped from the base. **Be aware that removing the funnel exposes some very sharp cutting blades.** **Do not touch the blades!**

Using a clean brush and fresh water brush through any pulp left on the base of the unit and the cutting blades. **In doing so you must stop water entering the motor via a small hole on the edge of the top of the base.** **Use your finger to cover the hole to stop water damaging the motor.**

Once the equipment is clean leave it to dry naturally and then re-clip the funnel to the base unit.

Return to storage using a two person lift.

Report any concerns or issues to a Lead Volunteer.

HAPPY MILLING!