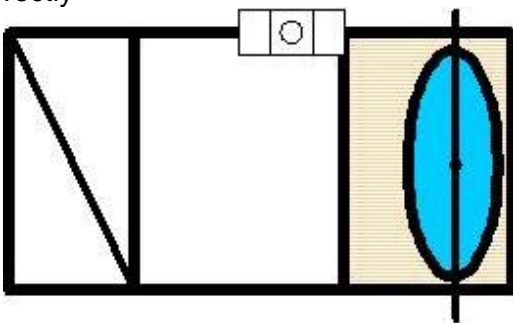


H2O - Sprinkling



Sprinkling with flat nozzles placed correctly



Desired sprinkling area

1. Use flat nozzles designed for the mark spray.
2. Place sprinkling above the manure area.
3. Sprinkling works through cooling of the pigs and not through cooling of the air in the facility.
4. Use the following recommendations for sprinkling:

Weaners above 20 kg:

| Outdoor temp, ° C | Frequency, times / hour | Duration, minutes |
|-----------------------------------|-------------------------|-------------------|
| From 16 - 18 | 1 - 2 | 1 - 2 |
| From 18 - | 2 - 3 | 2 - 3 |
| Sprinkle between 9 and 20 o'clock | | |

Finishers:

| Outdoor temp, ° C | Frequency, times / hour | Duration, minutes |
|---------------------------------|-------------------------|-------------------|
| From 14 - 18 | 1 - 2 | 1 - 2 |
| From 18 - | 2 - 3 | 2 - 3 |
| Sprinkle between 9 am and 20 pm | | |

5. It is also possible to sprinkle the manure area immediately before transfer of pigs to the section.



Calcined nozzle

Be aware of

- Sprinkling too briefly: not all pigs will be able get under the nozzle and will become aggressive.
- Sprinkling too often: the room will become humid.
- Sprinkling in the lying area: the area will become moist.
- Sprinkling on the feeders: risk of caking.
- Sprinkling at night? Check if the watch in the controller is correct (some controllers are sensitive to power failure).
- Wind may make alleys and laying areas moist.
- Calcined nozzles.
- Overstocking: lowest ranking pigs cannot avoid the sprinklers.
- Inadequate sprinkling despite correct settings: the ball valve may be closed!

| Additional comments - Sprinkling | |
|---|--|
| 1. | The se nozzles are less sensitive to wind and calcification. |
| 2. | The lower third of the pen facing the inspection alley is affected by the sprinkling. |
| 3. | To ensure that the pigs are cooled, sprinkling in warm periods must last long enough for all pigs to be able to get under the nozzle, i.e. 2-2.5 minutes at a time. Longer sprinkling will increase the water level in the slurry. |
| 4. | <p>Sprinkling rate increases from minimum to maximum in the interval 14 to 18° C outdoor temperature. There are different control options depending on the brand of the ventilation control unit. Some operate according to an excess temperature in the facility in relation to a desired temperature (sprinkle 100 per cent at an excess temperature of 3° C).</p> <p>Do not activate sprinkling at night and at low outdoor temperatures!!!</p> |
| 5. | Sprinkling may be activated briefly ahead of transfer of pigs to indicate where the manure area is. A moist area indicates dunging area and reduces the risk of mess in the pigs' lying area. |