

**Customer description:** US wet-blue plant. Fresh hides coming directly from adjacent slaughterhouse.

**Objective:** Improve soaking effectiveness

**Material:** US fresh hides

**Process:** The goals of soaking are not only related to the rehydration and opening up the fibers of the hides, but also, to remove all proteins that are not suitable to be converted in leather.

Presoaking with 0.2% of ProSpread and 0.1% ProDegreaze. Main soaking with 0.3% ProSoak and after 30 minutes adjust pH with soda ash for three hours.

Biocides and surfactants were removed from protocol.

**Results:** Excellent rehydration and better removal of proteins cleave to the collagen fibril structure, especially in the interior.



*Former customer soaking*



*Provia soaking*

After soaking, hides were clean, flexible, hydrated and very relaxed. The wet-blue within the standard parameters.

**Conclusion:** Provia Biochemicals ensure a deep cleaning of the hides while a superior rehydration.