

Section 3.5

Other Inputs

REFERENCED IN THIS SECTION:

Number/ Identifier	Name	Importance
 RECORDS		
R-2	Incident Report	
R-4	Monitoring Record	Mandatory

SECTION 3.5 OTHER INPUTS

REQUIREMENTS

1. Livestock tattoo ink and markers (crayon and spray) must be approved for use on food animals.
2. Livestock markers (crayon and spray) and topical wound treatment used on-farm must not contain any of the substances listed in the table below.

Table 1: Substances Not Approved for Use on Food Animals¹

Name	Chemical Abstract Service Number
Crystal violet	548-62-9
Leucocrystal violet	603-48-5
Brilliant green	633-03-4
Leucomalachite green	129-73-7
Malachite green	569-64-2

¹ Last updated January 2018.

3. Surgical staples are prohibited on-farm.

RATIONALE

- a. Some livestock tattoo ink and markers ingredients can contaminate animal by-products that are used to feed other food animals.
- b. If a tattoo ink or marker is not approved for use on food animals, it may introduce a chemical hazard.
- c. The use of surgical staples for minor on-farm surgeries could result in a physical hazard that could ultimately lead to a food safety risk.

GUIDANCE

- a. Ask the supplier to provide you with the product's material safety data sheet (MSDS). The MSDS should list the ingredients, accompanied by a chemical abstract service (CAS) number. Verify that none of these ingredients include a CAS number listed in Table 1, or ask a specialist, such as a veterinarian or agronomist, to verify if any of the substances listed above are found in the product(s) used on-farm.
- b. Inspect tattoo ink prior to use to ensure it is the same product that you routinely use.
- c. For additional recommendations, refer to Section 8.7 Fomites. Fomites include but are not limited to the following:
 - i. pharmaceutical packaging (e.g., antimicrobials bottle, antibiotics bottle, vaccines bottle, vitamins)
 - ii. medical equipment (e.g., syringes, needles and equipment used for castration, tail docking or teeth clipping)
 - iii. tools (e.g., shovels, scrappers, hammers, hoses, pails, buckets).
 - iv. other farm inputs (e.g., cellphone, footwear, clothing, lunch kit, identification devices, disinfectants, detergents, tattoo inks, tattoo hammers, bedding, baits, enrichment devices and artificial insemination equipment).

? AUDIT QUESTIONS

Q#	Audit Questions and Interpretations	Verification			
		Compliant	NC-Minor	NC-Major	N/A
Q3.5.1	Verify that the livestock markers (crayon and spray) and topical wound treatments used on-farm are free from these substances? a. crystal violet : CAS 548-62-9 b. leucocrystal violet : CAS 603-48-5 c. brilliant green : CAS 633-03-4 d. leucomalachite green : CAS 129-73-7 e. malachite green : CAS 569-64-2	Full and Partial Validation: > material safety data sheet > observation			
	Are livestock markers (crayon and spray) and topical wound treatments used on-farm free from these substances: a. crystal violet b. leucocrystal violet c. brilliant green d. leucomalachite green e. malachite green	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q3.5.2	Verify that the livestock tattoo inks and markers used on-farm are approved for food animals.	Full and Partial Validation: > material safety data sheet > observation			
	Are the livestock tattoo inks and markers used on-farm approved for food animals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q3.5.3	Verify that surgical staples are not used on-farm through observation and interview questions to the Site Manager.	Full and Partial Validation: > interview > observation			
	Are surgical staples prohibited on-farm?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

N/A = not applicable



LEVELS OF COMPLIANCE – EXAMPLES

COMPLIANT

- › The livestock markers (crayon and spray) and topical wound treatment used on-farm are free from prohibited substances.
- › The livestock tattoo ink and markers used on-farm are approved for food animals.

MINOR NON-COMPLIANCE – Not applicable

MAJOR NON-COMPLIANCE **Timeline: 60 days**

- › The livestock markers (crayon and spray) and topical wound treatment used on-farm contain prohibited substances.
- › The livestock tattoo ink and markers used on-farm are not approved for food animals.
- › Surgical staples are used on-farm.



DEVIATION MEASURES

- › If the livestock markers (crayon and spray), topical wound treatment, tattoo ink and markers are not approved for food animals or contain prohibited substances, the designated personnel must immediately stop using the product and dispose of it according to the manufacturer.
- › If surgical staples are used on-farm, the designated personnel must immediately stop using equipment and dispose of it.

Complete record R-2 Incident Report and R-4 Monitoring Record.

