

Epinephrine a.k.a. Adrenaline

Motion: Epinephrine a.k.a. Adrenaline should be added to 205.604 Nonsynthetic substances prohibited for use in organic livestock production with the following recommendation: Prohibited except for emergency treatment of anaphalactic shock. To be used only once in an animal's lifetime.

Vote tallies

Yea	Nay	Abstain	Absent
Michael, George, Dave			Jim , Nancy, Becky

Background:

- Epinephrine a.k.a. Adrenaline is a NATURAL hormone derived from non bovine animal adrenal glands used to treat life threatening allergic reactions to vaccines and bee stings in many species including humans. It is very effective, there are no good alternatives. Incidence for need is always emergency, low but unavoidable.

Significant Sideline Issue:

Epinephrine is a NATURAL and as such does not need to be listed in 205.603. However since it is a hormone it's use in an organic system is controversial and so must be documented.

- NOP 205.238 (c) The producer of an organic livestock operation must not (3) Administer hormones for growth promotion.
- OFPA 6509 (c) Practices for a farm to be certified under this chapter as an organic farm with respect to the livestock produced by such farm, producers on such farm (3) shall not use growth promoters and hormones on such livestock, weaner implanted, injected or implanted, including antibiotics and synthetic trace elements used to stimulate growth or production of such livestock.

The Committee decided that Epinephrine is not a growth promoter and is appropriate for organic livestock with restricted use.

Summary of Opinion:

- All three reviewers and all committee members agree that this is a NATURAL and so technically does not need to be added to the National List at all but that since hormones are a sensitive issue that clear use restrictions be listed.

