

Raising Organic Livestock in Maine: MOFGA Accepted Health Practices, Products and Ingredients

January 2006

One goal of organic livestock agriculture is to maintain animal health through sound management, and to move away from the regular use of health products. This list includes both management techniques and products that are available for use by organic livestock farmers. Information is organized under headings of general disease names. This is not an exclusive list, nor have all products been tested or proven to work in all situations. It is the result of conversations with farmers and health care practitioners. The original list was collected by the NOFA-VT Dairy Technical Assistance program, many thanks for the effort. Please contact MOFGA's Agricultural Services with information about management methods or products that you feel could be added to this list.

This list is consistent with the information provided by the National Organic Program, National Organic Standards Board's recommendations, Organic Materials Review Institute and communication with Northeast Interstate Organic Certifiers Committee.

The NOP Standards allows all non-synthetics, unless they are listed as prohibited and prohibits all synthetics, unless they are listed as accepted. All non-synthetic feed ingredients must be organic. When investigating feed supplements or additives and health care products look at all the ingredients, check the National List and NOSB recommendations for prohibited non-synthetic and accepted synthetic ingredients. Non-synthetics do not have to be organic.

It is your responsibility to ask YOUR CERTIFIER and receive approval before you use them, for products you have questions about. Any name brand products must be evaluated based on their ingredients. The list of generic ingredients is included in your Practice manual and the OMRI publications.

•Italics = name brand product, [Brackets] = company name

ABRASIONS

Hoof

- Adequate copper and zinc in the diet, regular trimming, dry environment, **limited grain feeding**
- Trimming feet regularly
- Copper sulfate in footbath
- Hydrated lime in footbath
- Zinc sulfate (*listed allowed as feed additive 205.603(d)(1)*) in ration or to wrap foot
- Homeopathic remedies (including nosodes)
- 3% Hydrogen peroxide or Iodine soak or heavy spray
- Lime pad
- Wrapping feet with Epsom salt to draw out infection
- MU-SE (Vit.E w/ selenium) (sometimes repeated every 3-4 weeks if needed)
- Homeopathic remedies (Hepar sulf or silica) for abscess
 - *Hoofmate* [Hux, Inc] – for hairy heel warts
 - *Hairy Wart Away* [Dr Paul's] – for hairy heel warts

Udder or skin

- Aloe Vera topically
- calendula ointment or diluted tincture applied topically
- echinacea ointment applied topically
- Homeopathic remedies (Graphites, Arnica, Calendula)
- Goldenseal tea (misted)
- Hydrogen peroxide
- Tea Tree Oil topically
- *Teat Dilators* - must wipe off lubricant thoroughly [Dr Naylors]
- *UdderFancy* [Crystal Creek]

DRY COW THERAPY

- **feeding low quality hay to reduce milk production to < 20lbs/day at dry off, Continue teat dipping for several days after dry-off**
- probiotics
- vitamin E/Selenium injections (MuSe)
- Homeopathic remedies (Utica urens 6c, Lac caninum including nosodes)
- colostrum whey products [IMPRO, Agri-Dynamics]

DIGESTIVE DISORDERS

Calf scours:

- **clean, dry bedding, good quality colostrum within the first 2 hours of life**
- black pepper – give 1 teaspoon per calf in a digestive bolus. Calves need free access to water; will cause them to flush
- chamomile tea
- 10z/ qt water or comfrey leaf and root, raspberry, garlic, goldenseal or oak bark, clove and nutmeg
- electrolytes
- probiotics
- yogurt (2 Tablespoons of yogurt to a gallon of milk. If the calf is being fed by her mother or a nurse cow, put some yogurt in the calf's mouth)
- Homeopathic remedies (Arsenicum, Podophyllum China, Pulsatilla, Carbo Vegetabilis, Ipecacuanha, Phosphorus, and Calcarea carbonica, E. coli nosode, calf scours nosode)
- rice water
- vits. 2,cc A,D, muse, 25 cc C
- *Bright Start* [Crystal Creek]
- *Calf Shield* [Crystal Creek]
- *Holistec Rescue Paste* [Paris Farmers Union]
- *Primary Care* [Crystal Creek]
- *Super Start Calf Bullets* [Agri-Dynamics]
- *First Defense* [Immucell] Ecoli and corona virus

Cows:

- **High quality organic long stem hay adding fiber, remove from pasture or silage**
- black pepper
- colostrum whey products
- Aloe Vera

- high quality dry hay to add more fiber in the diet
- Homeopathic remedies (Arsenicum Album and Podophyllum)
- garlic – squeeze into a drench and add some organic molasses to cover the smell/ flavor
- vitamin C
- organic yogurt
- 6 eggs (raw) to a quart of beer
- cider vinegar and water
- Activated carbon (vegetable sources only) for toxins in feed (NOSB recommendation)
- Kaolin Pectin (NOSB recommendation)
- Bismuth Subsalicylate (NOSB recommendation)
- Poloxolene for emergency treatment of bloat (NOSB recommendation)
- vaccinations
 - *Super Boost* [Crystal Creek]
 - *Toxi-Halt* [Crystal Creek]
 - *Hemocel Bullets* [Agri-Dynamics]
 - *Buffer Blend* [Fertrell Co.]

Bloat

- 1/4 cup baking soda, pinch ginger / 16oz. warm water drench repeat in 1 hour
- 1/8 soap or detergent mixed with 16 0z.warm water
- vegetable oil drench
- *Poloxlene*

GRASS TETANY

- **care to not over-graze on leguminous rich pastures**
- Homeopathic remedies (Mag phos and Calc phos)
- IV milk fever treatment with a solution of calcium and magnesium
- oral drench of calcium and magnesium, check product with MCS.

KETOSIS

- **maintain the energy level in the diet especially during times of high protein forage feeding, do not over feed cows**
- I.V. dextrose or glucose
- Homeopathic remedies (Lycopodium, Nux Vomica)
- Vitamin B12 in the muscle or B complex
- Niacin boluses, 2 at each milking for 3-4 milkings
- Prefresh cow 2-4 oz. of organic cider vinegar to prevent
- Molasses, 1-2 cups at each milking for 6 milkings
- Propylene glycol – for use in acute ketosis in ruminants only
 - *Keto-Treat* [IBA]
 - *Ketonic* [Agri-Dynamics]
 - *Super Boost* [Crystal Creek]

MASTITIS

- **Proper maintenance of the milking equipment (check inflations, the pump and pulsator, etc.)**
- **Proper udder preparation, emphasizing cleanliness and cow readiness, not applying machine until the teats are full**

- **Culture milk to identify bacteria involved**
- **Maintaining cow comfort and cleanliness special care to clean the end of the teat**
- **putting a calf on the cow**
- Stripping quarters regularly with extra massaging
- Garlic internally 1 or 2 whole bulbs twice per day
- 2 oz. Apple cider vinegar daily internally
- Tea of 1oz/ qt water ginger, goldenseal, Echinacea, clove grated garlic, juniper berries, celery seed, dandelion root, and leaves, thyme, pine needles cayenne pepper, cinnamon, allspice and clove, bring to boil the steep 3-4 hours
- aspirin
- Aloe vera internally
- epsom salt baths
- emollients (calendula, udder mint)
- Homeopathic remedies (Bryonia, Phytolacca, Hepar sulph, Aconite, mastitis nosode, etc.)
- Hypersaline (supportive therapy)
- Colostrum whey products for mastitis [IMPRO, Crystal Creek]
- Mastitis vaccination (staph vaccine)
- White clay
- Vitamin C or B1, A, E selenium
- Echinacea tincture 2 cc twice / day internally
 - *Masto blast* oral homeopathic remedy [Homeopet, Washington Homeopathics]
 - *Mastocream* topical homeopathic remedy [Homeopet]
 - *Crystal Clear Calcium Gel* [Nich Marketers]
 - *Royal Udder Care* [Van Beek Global]
 - *Royal Udder Capsuals* [Van Beek Global]
 - *Soft oil* [Crystal Creek]
 - *Udder Fancyr* [Crystal Creek]
 - *Lini-Rub* [Crystal Creek]
 - *Free-Lac* [Crystal Creek]
 - *EX-cell 3:1,2:3, 2000, 7000, Cel-Reducer and SCC Superior Cow Cream* [Synergy Animal Products]

MILK FEVER

- **reduce Calcium and potassium (K <2% of diet), increase Phosphorous levels in the diet during last 2-3 weeks of the dry period**
- Ca/Mg treatments, check product with MCS
- Calcium IV
- Homeopathic remedies (alternate Calc phos and Mag phos during the dry period, Calc carb)
- Vit D injections used as a preventative only
- (as preventative) 2 oz vinegar twice daily during dry period, 2 wks before calving
- (as preventative) grass hay during the dry period
- (as preventative) pre-milking
 - *Ultra-Cal Drench* [Agri-Dynamics]
 - *Calcium Propionate* (NOSB recommendation)
 - *Calcium Borogluconate* (NOSB recommendation)
 - *Safe-Cal* [Crystal Creek]

PARASITE CONTROL

Internal

- **Intensive rotational grazing management – grazing plan to decrease the exposure to parasites**
- diatomaceous earth (DE) 8oz. /cow for 5 days prior to waxing of moon 4oz. afterwards
- garlic - especially good for coccidia
- 1Tlb. Black Walnut Hull powder, 1/2Tlb. Witch Hazel Root Powder for a 6 month old heifer for 4-6 weeks, daily, 2 and 1 for a non lactating cow and 1tsp, 1/2tsp for a calf
- hedegrow plants, bramble, evergreen, juniper, deciduous tree buds
- Hydrogen peroxide in the water
- Homeopathic remedies
 - *Garlic Barrier* [Garlic Research Labs] 1tsp. Per lamb monthly preventative, more requent with observed infection
 - *Livestock Restore* [Parametric Associates]
 - *Equiopathic* [Homeopet]
 - *Para-Tack* [Crystal Creek]
 - *Sheep, Goat & Calf intestinal Cleanser* [Crystal Creek]
 - *Restore and Sustain* [Farmstead Health Supply]
 - *Fertrell Herbal Capsule* [Fertrell Co.]
 - *Natural DW-X1* [Fertrell Co.]

External; Flies, Lice and Mites

- **timely manure management and good ventilation**
- cedar sawdust as a natural repellent, brushing, clipping animals
- aromatic oils such as melaluca, citrus, eucalyptus, citronella
- Lime dusted on animals backs
- 1 part tumeric powder to 4 partsNeem powder
- Fly Spray; 1 cup vegetable oil,2 cups vinegar,1 cup water 1 tablespoon essential oil, mix well, put in a spray bottle, need to shake while spraying, it will settle out quickly, for use on animal not equipment or buildings
- bug zapper [Orkin]
- diatomaceous earth on the window sills
- fly paper / fly tape
- fly traps
- fly parasites [2000 IPM Laboratories], [Rincon-Vintova], [Spaulding]
- Natural pyrethrin fly sprays
- Use chickens or muscovy ducks to follow cows on pasture to eat fly eggs and parasite larvae
 - *Fly Cracker* [Spheric, Inc]
 - *No-Fly fly repellent* [Crystal Creek]
 - *Ectophyte Insect Repellent* [Agri-Dynamics]
 - *Farnam Fly Trap* [Farnam Products]
 - *Lice and Mange Wash* [Crystal Creek]
 - *Pyganic* [Fedco Growers Supply one source]

PINK EYE

- **good nutrition & immune system enhancement with kelp and minerals offered free choice or mixed in feed**
- Calendula eye wash using calendula tincture (found in any health food store) diluted with warm water

- nonalcoholic calendula spray mixed with Euphrasia and Hypericum pellets (homeopathic remedies)
- eye patch after treatment to keep flies and irritating light out
- Homeopathic remedies (Aconite, Hepar sulph, Conium Kali bichromium, Silica)

RESPIRATORY DISEASE

- **good ventilation, clean dry bedding**
- aspirin
- garlic (especially for calves), Echinacea, goldenseal
- homeopathy (Arsenicum, Belladonna, Pulsatilla, Aconite, Ferrum phosphoricum, Hydrastis, Nux vomica, Bryonia, Antimonium tart., Phosphorous, nosodes)
- pneumonia vaccines
- probiotic supplements to stimulate the digestive system
 - *Respiratory Purge* [Dr Paul's]

TEAT DIPS

- Chlorohexidine – allowed for use as a teat dip when alternative germicidal agents and/or physical barriers have lost their effectiveness
- glycerin – for topical use only
- glycerin mixed with calendula oil for extra antiseptic and skin healing
- Iodine – topical use only
- Udder wash - 4 gal. water, one drip pine oil, one cap peroxide and one ounce bentonite clay
- Udder dip – 1gallon water, 2 tlbs. Of lavender , pine and eucalyptus oils, half cup of vegetable oil
- Aloe juice
- Isopropyl Alcohol as a disinfectant only
 - *Teat Saver II or Teat Dip* [Crystal Creek]

REPRODUCTIVE CARE

Breeding problems

- Homeopathic remedies (Pulsatilla to bring a cow into heat, Cal phos to help cycle, Iodium & Sepia for slow heats)
- manual manipulation
- Vit E/Selenium injections used preventatively for recurring cases
- Colostrum whey products

Retained Placenta

- Allow cow to lick calf clean
- Black Cohosh herbal tincture oral and uterine infusion
- Colostrum (feed them their milk)
- Homeopathic remedies (Caulophyllum, Sepia)
- Vit E/Selenium injections used preventatively for recurring cases during dry period
- Infuse uterus with Aloe vera, herbal tinctures
- oxytocin only as a non- routine alternative
 - *Crystal Aloe* [Crystal Creek]
 - *Uterine Blend* [Dr. Paul's]
 - *Uterine Bolus* [Dr. Paul's]
 - *IMPRO Uterine Care* [IMPRO Products]
 - *Royal Uterine Capsuals*

Cystic Ovaries

- Manual manipulation
- acupuncture
- Homeopathic remedies (Apis mel, Pulsatilla)

Udder Edema

- **low potassium hay and salt intake with exercise during dry period, pre milk if udder is swollen**
- Diuretics: coffee, parsley, juniper, etc.
- Massage udder
- B vitamins
- Oxytocin (*note restrictions*)

OTHER ALLOWED - LIVESTOCK HEALTH : Name Brand Products & Ingredients reviewed based on approval by the National Organic Standards Board (NOSB) and the National Organic Program Guidelines;

- Activated Charcoal- from vegetative sources only (NOSB recommendation)
- Alcohol; methyl or isopropyl
- Aspirin
- Atropine- pre-anesthetic, slows muscle contraction and reduces secretions (NOSB recommendation)
- *Aqua Flo Capsules* [Agri-Dynamics Consulting]
- *Biocel, Biocel CBT* [Agri-Dynamics Consulting]
- Bismuth Subsalicylate (NOSB recommendation)
- *CDL (Cobalt Dextro-Lac)* by [AGRO-K]
- *CDL/ZDL (Cobalt & Zinc Dextro-Lac)* by [AGRO-K]
- Cell wall carbohydrates
- *Cow Cleanse* [Dr Paul's]
- *Crystal Whey* [Crystal Creek]
- *Dr Paul's Tinctures (Arnica, Burdock, Comfrey, St. John's Wort)*[Dr Paul's]
- Electrolytes must not contain antibiotics
- Epsom salts
- *EX-CELL Countdown 7000* [Synergy]
- *EX-CELL 2/30* [Synergy]
- *EX-CELL 3-10* [Synergy]
- *Fastrack Probiotic Pack* [Prairie Elk Distributing]
- *Garlic Oil* [Fertrell Co.]
- *Homeopathic remedies (pill, tincture, cream and more)* [Washington Homeopathics], [National Homeopathic Products]
- *Hemocel 100, aka DA Micronutrient* [Agri-Dynamics Consulting]
- *Hemocel Bullets* [Agri-Dynamics Consulting]
- Honey - as an external disinfectant
- Hydrogen peroxide – disinfectant, topical use, mastitis treatment
- Iodine
- Isopropyl Alcohol – disinfectant
- Kaolin Pectin (NOSB recommendation)
- Lanolin
- Magnesium oxide/Magnesium hydroxide (NOSB recommendation)
- Microbial Products (probiotics) non gmo only
- Minerals synthetic or non-synthetic sources
- Mineral oil – for external health care use only (NOSB recommendation)

- *Rumalax Boluses* {IBA}
- *Rumen Aider* [Bio-Vet, Inc]
- *Power Fresh Rockets* [Agri-Dynamics Consulting]
- *Super Boost* [Crystal Creek]
- *Super Start Calf Bullets* [Agri-Dynamics Consulting]
- *Toxi-Halt* [Crystal Creek]
- Vitamins - all sources
- *Wound Spray* [Dr Paul's/ Crystal Creek]
- *Wellness Tonic* [Dr Paul's/ Crystal Creek]
- Yeast derivatives, Brewers yeast – must be non gmo

ALLOWED FEED/FEED ADDITIVES

- Algae/ Kelp, organic as feed, non organic as a supplement or additive only
- *Buffer Plus (WOI)* [Helfter Feeds, Inc]
- *BVC (WOI)* [Helfter Feeds, Inc]
- Carriers - non synthetic, gmo free and FDA and AAFCO permitted
- *C-Mis (WOI)* [Helfter Feeds, Inc]
- *Cattle Choice Organic Formula* [The Fertrell Company]
- *CU-Mix* [Helfter Feeds, Inc]
- *Dairy Heifer Builder* [Ration Maker East, INC.]
- *Dairy "M" Caps* [Impro Products, Inc]
- *Dairy "R" Caps with A, D and E* [Impro Products, Inc]
- *Diamond V Yeast* [Diamond V Mills]
- *Direct Fed Microbials, Organic Formula* [The Fertrell Company]
- Enzymes – non gmo
- Epsom salts
- *Fertrell Beef Balancer* [The Fertrell Company]
- *Fertrell Goat NB Organic Formula* [Fertrell Co.]
- *Fertrell Heifer Choice* [The Fertrell Company]
- *Fertrell Trace Mineral Organic Formula* [Fertrell Co.]
- *Fresh Cow "C" Caps* [Impro Products, Inc]
- *Graziers Choice* [Fertrell Co.]
- *Heifer Choice Organic Formula 1* [The Fertrell Company]
- *K-Mix* [Helfter Feeds, Inc]
- *M-Mix* [Helfter Feeds, Inc]
- *MVP Dairy Boost PA* [Impro Products, Inc]
- *Nutri-Balancer Dairy No. 1- Organic Formula* [The Fertrell Company]
- *Nutri-Balancer Dairy No. 2- Organic Formula* [The Fertrell Company]
- *Nutri-Balancer Dairy No. 3- Organic Formula 1* [The Fertrell Company]
- *Nutri- Balancer Stress-Ease* [The Fertrell Company]
- *Nutri Sil Organic Formula* [Fertrell Co.]
- *Opti-Care* [Impro Products, Inc]
- *Opti-Start* [Impro Products, Inc]
- *P-Mix* [Helfter Feeds, Inc]
- *Poultry Organic Formula* [The Fertrell Company]
- *Primalac Direct-Fed Microbials Poultry and Game Bird* [Star Labs]
- *Dairy 4* [Ration Maker East, INC.]
- *Redmond Conditioner* [Redmond Minerals, Inc]
- *Redmond Minerals* [Redmond Minerals, Inc]
- *RC-Kelp Organic Formula* [Fertrell Co.]
- *Royal Optimum Powder (Poultry)* [Van Beek Global]
- *Royal Optimum Solution (multi Species)* [Van Beek Global]

- *Royal Nutrazyme Powder (Swine)* [Van Beek Global]
- *Royal Stimulac (Dairy)* [Van Beek Global]
- *Rumi-Cult 40 Organic Formula* [The Fertrell Company]
- *Sheep Nutri Balancer Organic Formula* [Fertrell Co.]
- *Sow Premixr Organic Formula* [Fertrell Co.]
- *Swine Growerr Organic Formula* [Fertrell Co.]
- *Stocker Mix Balancer Organic Formula* [Fertrell Co.]
- *TS-K Mix (WOI)* [Helfter Feeds, Inc]
- *Vita-Lac Powder* [IBA, inc]
- *VitE-Selenium* [Fertrell Co.]
- *Yeast Culture Organic Formula* [Fertrell Co.]

ALLOWED WITH RESTRICTIONS

- Butorphanol – Torbugesic (anesthetic) allowed: withholding time double the FDA requirement (NOSB recommendation)
- Calcium Borogluconate - for treatment of milk fever only (NOSB recommendation)
- Calcium Propionate – for treatment of milk fever only (NOSB recommendation)
- Carriers - non synthetic, gmo free and FDA and AAFCO in feed supplements or additives not as feed
- Carriers – listed synthetic , gmo free and FDA and AAFCO permitted in feed supplements or additives not as feed
- Chlorohexidine – allowed as disinfectants, sanitizers and medical treatments as applicable at 205.603(a)(4): Allowed for surgical procedures conducted by a veterinarian. Allowed for use as a teat dip when alternative germicidal agents and/or physical barriers have lost their effectiveness.
- Chlorine materials – residual chlorine levels after use for disinfecting must not be greater than the Safe Drinking Water Act (4ppm)
- Dextrose – allowed only in electrolyte formulations or as a carrier
- Epinephrine/ Adrenaline - prohibited natural except for emergency treatment of anaphylactic shock (NOSB recommendation)
- Excipients - Used in the manufacture of drugs for livestock treatments when active ingredient allowed and unless specifically prohibited (NOSB recommendation)
- Flunixin (*Banamine*) - withholding time shall be double the FDA requirement (NOSB recommendation)
- Furosemide (Lasix, Disal) - withholding time shall be double the FDA requirement (NOSB recommendation)
- Gelatin - as a carrier; must be from non-BSE countries
- Glucose - as a carrier or electrolyte
- Glycerin – as teat dip, from hydrolysis of fats or oils
- Herbal products – nonorganic allowed for health care not feed additives, organic as either
- Hydrated lime – as a topical disinfectant and external pest control only
- Ivermectin - internal parasiticide for emergency treatment of breeder and dairy stock only, treatment cannot happen during last third of gestation if progeny will be sold as organic
- Lidocaine – local anesthetic 90 day withdrawal time for slaughter stock, 7 day for dairy stock
- Maltodextrin – for use in electrolyte formulations as a carrier
- Methionine, synthetic - for use as a feed additive for poultry until 10/ 21/05

- Microbial products (probiotics) – must not be from genetically engineered sources or considered antibiotics
- Mineral oil – for external health care and as a lubricant only (not as a dust suppressant) (NOSB recommendation)
- Moxidectin - control of internal parasites (NOSB recommendation)
- Non-organic milk replacer – without antibiotics, as emergency use only, no non-milk products or products from rBST treated animals
- Oxytocin – not for routine or long term use in postparturition therapy
- Poloxalene – for emergency treatment of bloat (NOSB recommendation)
- Potassium Sorbate – only for use in aloe vera products for livestock production
- Probiotics (Microbial products) – must not be from genetically engineered sources or containing antibiotics
- Procaine - local anesthetic 90 day withdrawal time for slaughter stock, 7 day for dairy stock
- Propylene Glycol – only for treatment of acute ketosis (NOSB recommendation)
- Sucrose – may only be used in electrolyte formulations as a carrier
- Tolazoline – for emergency use only as antidote to xylazine, withhold time double FDA requirements (NOSB recommendation)
- Xylazine – for emergency use only, withhold time double FDA requirements (NOSB recommendation)

VACCINATIONS

- Allowed; 205.238 (a)(6). Synthetic allowed as disinfectants, sanitizers, and medical treatments as applicable at 205.603(a)(14). Listed as biologics, vaccines. Those derived from excluded methods must be on the National List, under 205.105(e)."
- Clostridium Perfringens Types C + D Antitoxin

PERMITTED FORMS OF LIVESTOCK VITAMINS AND MINERALS

- see pages 103 – 108 in the Organic Materials Review Institute Generic Materials List, April 21, 2002 for a complete listing.

PROHIBITED MATERIALS

- antibiotics
- artificial flavorings and colorings
- hormones
- *Bag Balm*
- Carriers in feed - Synthetic
- Dexamethasone
- Ethoxyquine
- Heparin
- Hormones
- Icthamol, Aka black salve
- Insecticidal ear tags
- *Koppertox*
- Propionic acid (preservative for forages)
- *IBA Probios Gel* [IBA] Ethoxyquine is prohibited ingredient
- Strychine
- *Thuja – Zinc Oxide Ointment* [IBA, Inc]
- White Linament

Contacts for name brand products & consultants (in alphabetical order)

Agri-Dynamics Consulting (Jerry Brunetti)
PO Box 735, Easton, PA 18044, Phone: (610) 250-9280, Fax: (610) 250-7840
(herbal based products, essential oils, vitamins, colostrum whey products, trace mineral supplements)

Brookfield Ag Service, (Charlie Taplin)
Box 314A, Brookfield, VT 05036 Phone: (802) 276-3762
(homeopathic kits, vitamins, natural salts, organic fertilizers, seeds, organic pesticides, macro and micro minerals, kelp meal, probiotics, colostrum based products, other animal health products, soil testing services)

Henrietta Beaufait DVM, Homeopathic Veterinarian
640 Bog Rd, Albion ME ,04910, Phone: (207) 437-2133
(Homeopathic Kits and consultation)

Clark Veterinary Clinic (Dr. Sheaffer)
PO Box 353, Palmyra, PA 17078, Phone: (717) 838-9563, Fax: (717) 838-0377
(homeopathic kits, remedies, phone consultations)

Crossgates Farm Homeopathic Products, Ltd
Crossgates Farm, Banknewton, Gargrave, R Skipton, North Yorkshire BD23 3NT
Phone/Fax: 01756 748585, www.crossgatesfarm.co.uk
(homeopathic remedies and kits, spray bottles, laminated treatment cards, homeopathic pills for oral dispensing, & books)

Crystal Creek Services
N9466 Lakeside Road, Trego, WI 54888, Phone: (888) 376-6777, Fax: (715) 466-5042,
www.crystalcreeknatural.com.
(natural, effective, environmentally safe livestock health products formulated with the needs of the organic and conscientious producer in mind)

Farmstead Health Supply
P.O. Box 985, Hillsborough, NC, 27278, Phone: (919) 643-0300,
www.farmsteadhealth.com
(Herbal health products for animal health)

Farnam's Rust-Proof Fly Trap & Attractant
Phone: (800) 234-2269, www.farnamhorse.com
(insecticide free fly traps)

Fedco Seeds
PO Box 520, Waterville, ME, 04903, Phone: (207) 873-7333, www.fedcoseeds.com,
(Seeds, Feed, Growers supplies)

The FERTRELL Company
Box 265, Bainbridge, PA 17502, Phone: (717) 367-1566
(Colostrum products, organic mineral packages: custom mix to the needs of your animals, other animal health products)

Garlic Research Labs
624 Ruberta Avenue, Glendale, CA, 91201, Phone: (800) 424-7990, www.garlicbarrier.com
(liquid garlic)

MAINE GRAIN DEALERS

Fedco Seeds, Clinton Me., 207-873-7333, carry Lessards grain
Lessards, Quebec, 1-800-463-8483
Morrison's Custom Feed, Barnet VT, 1-802-633-4387
Natures Best, Kreamer PA, 1-800-767-4537
Northern-Most Feeds, LLC, Madawaska ME, 207-728-3150,
Paris Farmers Union, Maine 1-800-639-3603, carry Natures Best in Maine call to find out
where they deliver it.
UCS/New England Feeds, 1-800-343-0473

Hamby Dairy Supply
2402 SW Water, Maysville, MO 64469-9102, Phone: 800-306-8937
www.hambydairysource.com
(milking equipment and processing equipment)

Helfter Feeds, Inc
301 Main Street, PO Box 27, Osco, IL 61274, Phone: (800) 373-5971, Fax: (309) 522-5570
(OMRI approved vitamin, mineral and nutritional supplements for the production of
drug and hormone free meat & milk)

Homeopathy Overnight
929 Shelburne Ave., Absecon, N.J., 08201, Phone: (800) 276-4223, Fax: 609-646-0347,
www.homeopathyovernight.com, email: remedy@homeopathyovernight.com
(remedies, books, ointments, creams, tinctures kits)

Hyttest Seeds
Ron Brown 5 Berksire Dr. Kinderhook, NY, 12106, Phone: 518-758-1509
rbrow@landolakes.com
(seeds, organic inoculant for legumes)

IBA
Tim Corey, Phone: 207-437-9364, or your local dealer
(some health care products are acceptable to NOP standards)

IMPRO Products
Dr. Richard Holliday, DVM, Marketing and Technical Services
3 Allamakee St., Waukon, Iowa 52172, Phone: (800) 626-5536, Fax: (319) 568-4259
(dried products allowed at this time. Preservative in liquid products not yet allowed)

ImmuCell
55 Evergreen Drive, Portland ME, 04103, Phone: (800) 466-8235, Fax: 207-878-2117,
www.immucell.com

Hubert Karreman, VMD Penn Dutch. Cow Care Veterinary
1272 Mt. Pleasant Rd Quarryville, PA 17566, Phone: 717-529-0155,
www.penndutchcowcare.org
(naturapathic veterinarian)

Lakeview Organic Grain (Klaas & Mary-Howell Martens)
1443 Ridge Rd, Penn Yan, NY 14527, Phone: 315-531-1038
(organic seed, custom grain blends, bagged grains, mineral premixes, animal health products)

Maine Cheese Guild: www.mainecheeseguild.org

Maine Organic Farmers and Gardeners Association
PO Box 170, Unity, ME 04988, Phone: 568-4142, www.mofga.org
Diane Schivera, Agricultural Services, dianes@mofga.org

Maine Organic Milk Producers, MOMP
Contact Mia Morrison, Phone: 207- 285-7085

National Center for Appropriate Technology “Appropriate Technology Transfer for Rural Areas” (ATTRA)
PO Box 3657, Fayetteville, Arkansas 72702
Phone: (800) 346-9140, www.attra.org
(Free resources on sustainable dairy, beef, chicken, hog production & much more)

National Homeopathic Products, CELLETECH LTD
518 Tasman St., Madison, WI 53714, Phone: (800) 888-4066
(homeopathic remedies, combination remedies)

NCO Organics
Phone: (800) 279-7999
(Source of grain and forage seed)

Northeast Organic Dairy Producers Alliance, www.nodpa.com

National Organic Program, www.ams.usda.gov/nop/

Nutrapathic Agricultural Products, Parametric, Inc.
10934 Lin-Valle Drive, St. Louis, MO 63123, Phone: (800) 747-1601, Fax: (314) 892-1602
(homeopathic/herbal combination remedy *Livestock Restore*)

Olsen Sticky Traps
Olson Products, Medina, OH, Phone: (330) 723-3210

Organic Materials Review Institute (OMRI)
Box 11558, Eugene, OR 97440, Phone: 541-343-8971, www.omri.org

Paris Farmers Union
1435 Main St. Oxford, ME, Phone: (800) 639-3603
(many products and other locations)

Ration Maker East, INC.
P.O. Box 1048, Asheboro, NC, 27204
Newman Gamage, Phone: 207-622-5009
(mineral mixes)

Rincon-Vitova Insectaries, Inc
PO Box 1555, Ventura, CA, 93002, Phone: (800) 248-2847 (bugs), email:
Barnet@rinconvitova.com
(fly predators, dung beetles, and odor control materials)

Spalding Laboratories
760 Printz Road, Arroyo Grande, California 93420, Phone: (800) 845-2847
(fly predators)

Star Labs
PO Box 77, Clarksdale, MO, 64430, Phone (800) 894-5396, Fax: (816) 677-5427,
www.primalac.com
(probiotics)

Star West Herbals
Phone: (800) 800-HERB
(source of organic herbs)

Synergy Animal Products, Inc.
1681 Schubert Road, Bethel, PA, 19507, Phone: (800) 507-9361, Fax: 717-933-1396
(Herbal mastitis treatments)

University of Vermont Small Ruminant Dairy Project
200 Carrington Building, Burlington, VT, 05405, Phone (820) 656-0915
Carol Delaney, carol.delaney@uvm.edu

Washington Homeopathic Products, Inc.
4914 Del Ray Avenue, Bethesda, MD 20814, Phone (800) 336-1695, Website:
www.homeopathyworks.com
(homeopathic kits, remedies, tinctures, ointments, books)

West Lynn Farm Store
Rt. 201 2 miles north of exit 36 on the left, Fairfield, ME, Phone: 238-9209
www.westlynnfarmstore.com
(source of Crystal Creek Products, and other materials for organic production)

2000 IPM Laboratories, Inc.
Locke, NY 13092-0300, Phone: (315) 497-2063, Fax: (315) 497-3129
email: ipmlabs@ipmlabs.com (fly predators)