

# PARASITICIDES

## Acetic acid

- Fi 1–2 g/l water for 1–10 min (Klesius and Rogers, 1995)  
500 ppm 30-s dip (protozoa, crustacea) (Harms, 1996)

## Albendazole

- D 25 mg/kg BW PO q12h for 4 days (Barr et al., 1993)
- N 25 mg/kg BW PO for 5 days (Wolff, 1990)

## Amprolium

- Bi 2–4 ml of 9.6% solution/gal water for 5 days (Ritchie and Harrison, 1997)
- Bo 5 mg/kg BW daily in feed for 21 days prophylaxis (Schultz, 1989)  
10 mg/kg BW daily in feed for 5 days for treatment (Schultz, 1989)
- D 100–200 mg/kg BW PO sid in food or water for 7–10 days (Kinsell, 1986)
- F 19 mg/kg BW daily PO sid or in drinking water (Bell, 1994)
- Fi 10 ppm bath for 7–10 days (Harms, 1996)

- Rb 9.6% solution: 1 ml/15 lb BW PO for 5 days (Williams, 1979)  
1 ml/7 kg BW of 9.6% solution sid for 5 days (Carpenter et al., 1995)  
5 ml/gal of 9.6% solution in drinking water for 5 days (Carpenter et al., 1995)

### Beta-cyclodextrin

- Sh 1 g/kg BW PO for 3 days (Castro-Hermida et al., 2002)

### Bunamidine

- C 25–50 mg/kg BW PO; single dose given on an empty stomach (after 3- to 4-h fast) (Kinsell, 1986)  
D 25–50 mg/kg BW PO; single dose given on an empty stomach (after 3- to 4-h fast) (Kinsell, 1986)  
N 25 mg/kg BW PO (Williams, 1976)  
Re 25–50 mg/kg BW PO, not more often than once every 2–3 weeks (Frye, 1981)

### Carbaryl

- Bi Dust lightly with 5% powder or add to nest box; remove after 24 h (Ritchie and Harrison, 1997)  
M Dust with 5% powder or dilute 1:1 with talc (Harkness and Wagner, 1983)  
R Dust with 5% powder or dilute 1:1 with talc (Harkness and Wagner, 1983)  
Rb Dust with 5% powder or dilute 1:1 with talc (Harkness and Wagner, 1983)

**Carnidazole**

- Bi 30–50 mg/kg BW PO once, repeat in 10–14 days if necessary  
(Ritchie and Harrison, 1997)

**Clazuril**

- Bi Pigeons: 2.5 mg/kg BW PO once (Coussement et al., 1988)

**Copper sulfate**

- Fi Alkalinity of water divided by 100 = mg/l dose (Klesius and Rogers, 1995)

**Cypermethrin**

- Fi 16.7 mg per 1000 liters seawater for 30 min (salmon and trout) (Horsberg, 2002)

**Decoquinat**

- F 0.5 mg/kg BW daily mixed in moist food (Bell, 1994)  
M 0.5 mg/g food for 3 days (Williams, 1976)

**Deltamethrin**

- Fi 2–3 mg per 1000 liters seawater for 30–40 min (salmon and trout) (Horsberg, 2002)

**Dichlorvos—See also Vapona pest strip (DDVP)**

- C 5 mg/lb BW PO (Kinsell, 1986)  
D 12–15 mg/lb BW PO in adults (Kinsell, 1986)  
5 mg/lb BW PO in puppies (Kinsell, 1986)  
Fi 0.2 ppm continuous in water, repeated weekly for 4 weeks  
(Harms, 1996)

- M 500 mg/kg food for 24 h; repeat in 12 and 24 days (Wagner, 1970)  
500 mg/kg food for 3 days (Williams, 1976)
- N 10–15 mg/kg BW PO for 2–3 days (Russell et al., 1981)  
30 mg/kg BW PO once (Melby and Altman, 1976)
- R 0.5 mg/g food for 1 day (Wagner, 1970)
- Rc 30 mg/kg BW PO (Evans and Evans, 1986)
- Re 12.5 mg/kg BW PO daily for 2 doses (Frye, 1981)

### Diethylcarbamazine

- C 25–50 mg/lb BW PO once, repeat in 10–20 days for ascarids (Kinsell, 1986)
- D 3–5 mg/lb BW PO sid daily for heartworm prevention (Kinsell, 1986)  
25–50 mg/lb BW PO once; repeat in 10–20 days for ascarids (Kinsell, 1986)
- N 50 mg/kg sid for 10 days in orange juice (Eberhard, 1982)

### Diflubenzuron

- Fi 3 mg/kg BW for 14 days (route not indicated) (Horsberg, 2002)

### Diiodohydroxyquin

- N 20 mg/kg BW PO bid for 3 weeks (Russell et al., 1981)  
30 mg/kg BW PO for 10 days (Cummins et al., 1973)  
630 mg/chimpanzee PO tid for 3 weeks (Van Riper et al., 1966)  
650 mg daily/animal PO for 10–20 days (Ialeggio, 1989)

**Dimetridazole (no longer available)**

- H 1 g/l drinking water for 2 weeks (La Regina et al., 1980)  
M 1 g/l drinking water for 2 weeks (Frost, 1977)  
10 mg/ml drinking water for 5 days (Roach et al., 1988)

**Dithiazanine iodide**

- M 0.1 mg/g food for 7 days (Williams, 1976)  
N 10–20 mg/kg BW PO sid for 3–10 days (Russell et al., 1981)  
100 mg/12–20 lb BW bid for 2 weeks (maple syrup acts as vehicle) (Van Riper et al., 1966)  
Re 20 mg/kg BW PO sid for 10 days (Frye, 1981)

**Enamectin**

- Fi 50 µg/kg BW sid for 7 days (route not indicated) (Horsberg, 2002)

**Emetine hydrochloride**

- Re 0.5 mg/kg BW/day IM, SC sid, bid for 10 days (Frye, 1981)

**Fenbendazole**

- Am 10 mg/kg BW PO (Cooper, 1985)  
Bi Low margin of safety; see Ritchie and Harrison, 1997, for doses  
Bo 7.5 mg/kg BW PO (Schultz, 1989)  
C 33 mg/kg BW PO sid for 5–7 days (Kinsell, 1986)  
D 50 mg/kg BW PO sid for 3 days (Kinsell, 1986)  
Fi 11 mg/kg BW PO sid for 2 treatments (Harms, 1996)  
20 mg/kg BW PO once; repeat in 7 days (Harms, 1996)  
2.5 g/kg feed daily for 3 days; repeat in 14–21 days (Harms, 1996)

- Go** 5 mg/kg BW PO (Schultz, 1989)
- M** 100 ppm in food for 14 days (Reiss et al., 1987)  
20 mg/kg BW PO for 5 days (McKellar, 1989)
- N** Lemur, *Varecia*: 50 mg/kg BW PO sid for 3 days (Feeser and White, 1992)
- R** 8–12 mg/kg BW/day in feed daily (150 ppm) on alternating weeks (Coghlan et al., 1993)  
20 mg/kg BW PO for 5 days (McKellar, 1989)  
150 ppm in feed for five 7-day periods, with treatment periods separated by 7 days (Huerkamp et al., 2000)
- Rb** 50 ppm in food for 5 days (Duwel and Brech, 1981)  
20 mg/kg BW PO for 5 days (McKellar, 1989)
- Rc** 50 mg/kg BW PO sid for 3 days (Evans and Evans, 1986)
- Re** Tortoises: 50–100 mg/kg BW PO once; repeat in 2 weeks (Page and Mautino, 1990)
- Sh** 5 mg/kg BW PO (Schultz, 1989)
- Sw** 5 mg/kg BW PO (Schultz, 1989)

### Formalin

- Fi** 25 mg/l water in ponds; <250 mg/l water for 1 h in tanks and raceways (Klesius and Rogers, 1995)  
10 ppm in bath indefinitely (hybrid striped bass and other sensitive species) (Harms, 1996)  
15–25 ppm in bath indefinitely or repeated every 3 days with 70–90% water changes (Harms, 1996)  
250 ppm in 5–10 min dip (Harms, 1996)  
400 ppm in soft water up to 1-h bath every 3 days for 3 treatments (Harms, 1996)  
500 ppm in hard water up to 1-h bath every 3 days for 3 treatments (Harms, 1996)

**Furadantin—See Nitrofurantoin**

**Hydrogen peroxide (3%)**

Fi 17.5 ml/l water for 4- to 10-min dip once (Harms, 1996)

**Iodoquinol—See Diiodohydroxyquin****Ivermectin**

Am *Rana pipiens*: 2 mg/kg BW SC (Letcher and Glade, 1992)

Bi 200–400 µg/kg BW PO or topically in birds <500 g (Clyde, 1996a)

200–400 µg/kg BW IM, SC, PO in birds >500 g (Clyde, 1996a)

Bo 0.2 mg/kg BW SC (Schultz, 1989)

C 400 µg/kg BW SC (Clyde, 1996a)

Ch 200 µg/kg BW PO, SC every 1–2 weeks prn (Hoefler, 1994)

F 1 mg/kg BW SC total dose (Egerton et al., 1980)

200–400 µg/kg BW SC, PO (Messonnier, 1994)

1:20 dilution with propylene glycol for topical treatment of ear mites; repeat in 14 days (Clyde, 1996a)

Gp 500 µg/kg BW SC (McKellar et al., 1992)

400 µg/kg BW SC; repeat in 14 days (Clyde, 1996a)

M 2 mg/kg BW by gavage; repeat in 10 days (Huerkamp, 1990)

1 part 1% ivermectin with 10 parts tap water; mist 1–2 ml over entire cage (Le Blanc et al., 1993)

N 200 µg/kg BW IM; repeat in 10 days (Battles et al., 1988)

200 µg/kg BW SC (Ialeggio, 1989)

200 µg/kg BW PO (Feeser and White, 1992)

R 200 µg/kg BW sid for 5 days by gastric intubation (Battles et al., 1987)

200 µg/kg BW SC once (Findon and Miller, 1987)

3 mg/kg BW PO once (Summa et al., 1992)

2 mg/kg BW PO for 3 treatments at 7- to 9-day intervals (Huerkamp, 1993)

- 2 mg/kg BW topical as a spot method every 14 days for 3 treatments (Kondo et al., 1998)
- Rb** 200–400 µg/kg BW SC, PO (Messonnier, 1994)  
200–400 µg/kg BW SC, repeat in 10–14 days (Carpenter et al., 1995)  
400 µg/kg BW SC (McKellar et al., 1992)
- Re** Snakes: 200 µg/kg BW SC, IM, PO; repeat in 14 days (Messonnier, 1994)  
Snakes and lizards: 200–400 µg/kg BW IM, SC (Clyde, 1996a)  
Turtles and tortoises: TOXIC—Do Not Use (Clyde, 1996a)
- Sh** 200 µg/kg BW PO (Lucientes et al., 1998)
- Sw** 300 µg/kg BW SC (Schultz, 1989)

### Levamisole

- Am** 10 mg/kg BW IM (Cooper, 1985)  
Xenopus: 12 mg/l water with no more than 1 frog/5 l water (60 mg drug/animal minimum, up to 75 mg/frog) (Iglauer et al., 1997)
- Bi** Australian parakeets: 15 mg/kg BW by gavage; repeat in 10 days (Ritchie and Harrison, 1997)  
Anseriformes: 20–50 mg/kg BW by gavage (Ritchie and Harrison, 1997)  
Ratites: 30 mg/kg BW by gavage; repeat in 10 days (Ritchie and Harrison, 1997)  
Immune modulators: 2 mg/kg BW IM q14 days for 3 treatments (Ritchie and Harrison, 1997)  
4–8 mg/kg BW IM once; repeat in 10–14 days (Harrison and Harrison, 1986)
- Bo** 8 mg/kg BW SC, PO (Schultz, 1989)
- Fi** 10 mg/kg BW PO once every 7 days for 3 treatments (Harms, 1996)  
11 mg/kg BW IM once every 7 days for 2 treatments (Harms, 1996)



- 50 ppm in 2-h bath for external trematodes (Harms, 1996)
- N 7.5 mg/kg BW SC; repeat in 2 weeks (Welshman, 1985)
- Rc 4–10 mg/kg BW PO (Evans and Evans, 1986)
- Re 5 mg/kg BW intracoelomic once; may be repeated in 2–3 weeks (Frye, 1981)
- Sh 8 mg/kg BW SC, PO (Schultz, 1989)
- Sw 8 mg/kg BW SC, PO (Schultz, 1989)

### Lime sulfur

- Gp 1:40 sponged over body weekly for 6 weeks (Russell et al., 1981)

### Lindane

- Gp 1% used as dip (Zajac et al., 1980)

### Malachite green

- Fi 0.1 ppm in continuous bath (Harms, 1996)  
2 ppm in 30-min bath (Harms, 1996)

### Malathion

- Gp 0.5% used as dip (Russell et al., 1981)
- M 5 ml of 1% suspension in bedding (Russell et al., 1981)
- R 5 ml of 1% suspension in bedding (Russell et al., 1981)
- Rb 0.5% sponged twice weekly (Russell et al., 1981)

### Mebendazole

- Bi 25 mg/kg BW bid for 5 days (Harrison and Harrison, 1986)
- D 10 mg active ingredient/lb BW PO sid sprinkled on food for 5 days; may repeat in 3 weeks (Kinsell, 1986)

- Fi 50 mg/kg BW PO once every 3 weeks for 3 treatments (nematodes) (Harms, 1996)  
100 ppm in 10-min to 2-h dip (monogenean trematodes) (Harms, 1996)
- G 2.2 mg/ml tap water/animal sid for 5 days, by gavage (Smith and Snider, 1988)
- M 40 mg/kg BW as a drench; repeat in 7 days (Russell et al., 1981)
- N 3-5 mg/kg BW PO (Russell et al., 1981)  
15 mg/kg BW PO for 3 days (Wolff, 1990)
- R 10 mg/kg BW PO for 5 days (McKellar, 1989)
- Rb 10 mg/kg BW PO for 5 days (McKellar, 1989)
- Rc 25-40 mg/kg BW PO sid for 3-5 days (Evans and Evans, 1986)

### Methyridine

- R 125 mg/kg BW SC once (Weisbroth and Scher, 1971)  
125 mg/kg BW IP once (Weisbroth and Scher, 1971)  
200 mg/kg BW IP once (Peardon et al., 1966)  
100 mg/kg BW SC (Williams, 1976)

### Metronidazole

- Bi Pigeons: 50 mg/kg BW PO bid for 5 days (Johnson-Delaney, 1996)  
Pigeons: 200-250 mg/kg BW PO sid for 3-7 days (Johnson-Delaney, 1996)  
Pigeons: 10-20 mg/kg BW IM sid for 2 days (Johnson-Delaney, 1996)  
Pigeons: 4 g/gal drinking water for 3-7 days (Johnson-Delaney, 1996)
- C 10 mg/kg BW PO tid (Boothe, 1996)
- D 60 mg/kg BW PO sid for 5 days (Kinsell, 1986)

- 10 mg/kg BW PO tid (Boothe, 1996)
- F** 35 mg/kg BW PO sid for 5 days (Bell, 1994)
- Fi** 50 mg/kg BW PO sid for 5 days (Harms, 1996)  
5–10 ppm in continuous bath (Harms, 1996)
- Gp** 20 mg/kg BW PO, SC sid (Richardson, 1992)
- M** 2.5 mg/ml drinking water for 5 days (Roach et al., 1988)
- N** 35–50 mg/(kg·day) BW PO bid for 10 days (Holmes, 1984)
- Rb** 20 mg/kg BW PO bid (Carpenter et al., 1995)
- Re** 125–275 mg/kg BW PO once, may be repeated at 7- to 10-day intervals for 1–2 more treatments (Frye, 1981)  
Tortoises: 250 mg/kg BW PO once; repeat in 2 weeks (Page and Mautino, 1990)

### Nicarbazin

- Rb** 125 ppm in food for 1 month (Sorribas et al., 1992)

### Niclosamide

- Bi** 220 mg/kg BW PO once; repeat in 10–14 days (Harrison and Harrison, 1986)  
Finches: 500 mg/kg BW PO once a week for 4 weeks (Harrison and Harrison, 1986)
- G** 1 mg/10 g BW PO (Burke, 1979)
- H** 500 mg in 150 g food (Burke, 1979)  
10 mg/100 g BW PO as a drench, repeat in 2 weeks (Russell et al., 1981)
- M** 100 mg/kg BW once PO (Harkness and Wagner, 1983)  
500 mg/150 g ground feed for 1 week (Williams, 1976)
- N** 30 mg/kg BW PO; repeat in 2–3 weeks (Russell et al., 1981)  
140 mg/kg BW PO (Williams, 1976)
- R** 100 mg/kg BW once PO (Harkness and Wagner, 1983)  
10 mg/100 g BW as a drench; repeat in 2 weeks (Russell et al., 1981)

100 mg/kg BW for 1 week (Williams, 1976)

1 mg/g feed for 2 weeks separated by 1 week (Russell et al., 1981)

**Rb** 150 mg/kg BW PO (Williams, 1976)

**Re** 150 mg/kg BW PO; not more often than once each month (Frye, 1981)

### **Nitrofurantoin**

**R** 0.2% in feed for 6–8 weeks (Russell et al., 1981)

### **Nitrofurazone**

**Fi** 75–100 mg/kg BW PO sid for 5–15 days (Harms, 1996)

### **Paromomycin**

**N** 50 mg/kg BW PO in 3 divided doses sid for 10 days (Williams, 1976)

**Sh** 100 mg/kg BW PO sid for 3 days (Viu et al., 2000)

### **Phenothiazine**

**Rb** 1 g/50 g molasses-treated feed (Siegmund, 1979)

### **Piperazine (adipate and citrate)**

**Bi** 100–500 mg/kg BW PO once; repeat in 10–14 days (Ritchie and Harrison, 1997)

Psittacines: not effective (Ritchie and Harrison, 1997)

**Bo** 110 mg/kg BW PO (Schultz, 1989)

**C** 0.86 g/lb BW PO; repeat in 10–21 days (Kinsell, 1986)

**D** 0.86 g/lb BW PO; repeat in 10–21 days (Kinsell, 1986)

**G** 20–60 mg/100 g BW PO (Russell et al., 1981)

- 3–5 mg/ml drinking water for 7 days, off 7 days, repeat for 7 days (Russell et al., 1981)
- Go** 110 mg/kg BW PO (Schultz, 1989)
- Gp** Piperazine adipate: 4–7 mg/ml drinking water (Williams, 1976)
- H** 3–5 mg/ml drinking water for 7 days, off 7 days, repeat for 7 days (Russell et al., 1981)  
Piperazine citrate: 10 mg/ml drinking water for 7 days, off 5 days, repeat for 7 days (Unay and Davis, 1980)  
Piperazine citrate: 2 ml of 10 mg/ml given once by gavage (Unay and Davis, 1980)
- M** 500 mg/100 ml drinking water for 14 days (Reiss et al., 1987)  
Piperazine adipate: 4–7 mg/ml drinking water for 3–10 days (Williams, 1976)  
Piperazine citrate: 200 mg/kg BW daily in drinking water for 7 days, off 7 days, repeat for 7 days (Hoag, 1961)
- N** 65 mg/kg BW PO sid for 10 days (Russell et al., 1981)  
100 mg/kg BW PO (Ialeggio, 1989)
- R** 200 mg/100 ml drinking water (Rossoff, 1974)  
Piperazine adipate: 250 mg/50–60 g BW in drinking water for 3 days (Habermann and Williams, 1957)
- Rb** Piperazine adipate: 0.5 mg/kg BW PO for 2 days (Brooks, 1979)  
Piperazine citrate: 100 mg/ml drinking water for 1 day (USDA, 1976)  
Piperazine powder: 200 mg/kg BW PO (Harkness and Wagner, 1983)
- Rc** 75–150 mg/kg PO (Evans and Evans, 1986)
- Re** Piperazine citrate: 40–60 mg/kg BW PO; not more often than once every 2 weeks (Frye, 1981)
- Sh** 110 mg/kg BW PO (Schultz, 1989)
- Sw** 110 mg/kg BW PO (Schultz, 1989)

**Potassium permanganate**

- Fi 2 mg/l water in ponds for an indefinite period; 10 mg/l water for 10 min (Klesius and Rogers, 1995)
- 1 ppt for 30- to 40-s dip (Harms, 1996)
- 20 ppm for 1-h bath (Harms, 1996)
- 2-5 ppm for indefinite bath (Harms, 1996)

**Praziquantel**

- Bi Toxic in finches (Ritchie and Harrison, 1997)
- 10-20 mg/kg BW PO; repeat in 10 days (Ritchie and Harrison, 1997)
- Toucans for flukes: 10 mg/kg BW PO sid for 14 days, then 6 mg/kg BW PO sid for 14 days (Ritchie and Harrison, 1997)
- For flukes: 9 mg/kg BW IM sid for 3 days, then PO for 11 days (Ritchie and Harrison, 1997)
- For tapeworms: 9 mg/kg BW IM once; repeat in 10 days (Ritchie and Harrison, 1997)
- Fi 2 ppm in 24-h bath (Harms, 1996)
- 1 ppm for >90-h bath or 2 ppm for 4-h bath (Diplostomum eye flukes) (Harms, 1996)
- 330 mg/kg BW PO once (Diplostomum eye flukes) (Harms, 1996)
- 500 mg/kg BW PO once (internal cestodes Bothriocephalus sp.) (Harms, 1996)
- 50 mg/kg BW PO once (internal cestodes Eubothrium sp.) (Harms, 1996)
- 5 mg/kg BW IP once; repeat in 14-21 days (Harms, 1996)
- M 5 mg/kg BW SC or 10 mg/kg BW PO (McKellar, 1989)
- N 0.1 ml/kg BW IM (Droncit injectable) (Welshman, 1985)
- 40 mg/kg BW PO, IM once (Wolff, 1990)
- R 5 mg/kg BW SC or 10 mg/kg BW PO (McKellar, 1989)

- Rb 5–10 mg/kg BW IM, SC, PO once; repeat in 10 days  
(Carpenter et al., 1995)  
5 mg/kg BW SC or 10 mg/kg BW PO (McKellar, 1989)
- Rc 5–10 mg/kg BW IM, PO (Evans and Evans, 1986)  
10–15 mg/kg BW SC; up to 100 mg/kg BW for some  
trematodes (Evans and Evans, 1986)
- Re 8–20 mg/kg BW IM, PO once; repeat in 14 days  
(Messonnier, 1996)  
10 mg/kg BW IM, PO; up to 30 mg/kg BW PO for  
trematodes (Clyde, 1996b)

### Pyrantel pamoate

- Bi 4.5 mg/kg BW PO once; repeat in 10–14 days (Ritchie and  
Harrison, 1997)
- D 1 ml/5–20 lb BW PO (Kinsell, 1986)
- N Lemur: 6 mg/kg BW PO (Feeser and White, 1992)
- Rc 10–20 mg/kg BW PO (Evans and Evans, 1986)

### Pyrethrin

- Rb 0.5% applied as a dust (Russell et al., 1981)

### Pyrivinium pamoate

- H 0.8 mg/l drinking water for 30 days (Frost, 1977)
- M 0.8 mg/l drinking water for 28 days (Russell et al., 1981)  
1.6 mg/g food for 30 days (Williams, 1976)
- N 5 mg/kg BW PO every 6 months (more often if needed)  
(Cummins et al., 1973)
- R 0.003% in drinking water for 30 days (Blair and Thompson,  
1969)  
0.012% in food for 30 days (Blair and Thompson, 1969)

**Quinacrine hydrochloride**

- Bi 5–10 mg/kg BW PO sid for 7 days (Harrison and Harrison, 1986)
- N 10 mg/kg BW PO tid every 10 days (Russell et al., 1981)
- R 75 mg/kg BW PO total dose (Balazs et al., 1962)

**Ronnel**

- N 55 mg/kg BW PO qod for 4 treatments, then once weekly for 3 months; a total of 16 treatments (Finegold et al., 1968)

**Rotenone**

- N One part rotenone in 3 parts mineral oil applied topically once a week for 2 weeks (Bowman and Griffith, 1987)
- Rb Mix with mineral oil and apply in ear for 3 days off and on for 3 weeks (Russell et al., 1981)

**Selemectin**

- Rb 6–18 mg/kg BW topical (McTier et al., 2003)

**Sodium chloride**

- Fi 0.5–1% in water for indefinite period; 3% in water for 30 s to 10 min (dip); 1% for 10 min to 2 h (dip) (Klesius and Rogers, 1995)

**Teflubenzuron**

- Fi 10 mg/kg BW for 7 days (route not indicated) (Horsberg, 2002)



## Tetrachlorethylene

- Re 0.2 ml/kg BW PO; not more often than once each month (Frye, 1981)

## Thiabendazole

- Bi 250–500 mg/kg BW PO once; repeat in 10–14 days for ascarids (Ritchie and Harrison, 1997)  
100 mg/kg BW PO sid for 7–10 days (Ritchie and Harrison, 1997)
- Bo 66 mg/kg BW PO; 110 mg/kg BW PO for severe parasitism and Cooperia (Schultz, 1989)
- F Tresaderm: 2 drops in each ear canal daily for 7 days, wait 7 days, then retreat another 7 days (Patterson and Kirchain, 1999)
- M 100–200 mg/kg BW PO (Harkness and Wagner, 1983)  
100 mg/kg BW PO once weekly for 4 weeks (Burke, 1979)
- N 50–100 mg/kg BW PO; repeat in 2 weeks (Van Riper et al., 1966)  
100 mg/kg BW PO; repeat in 2 weeks, then once every 6 months (Cummins et al., 1973; Ialeggio, 1989)  
100 mg/kg BW PO sid for 3 days (Welshman, 1985)
- R 200 mg/kg BW PO for 5 days (Rossoff, 1974)  
0.1% in feed (Harkness and Wagner, 1983)
- Rb 50 mg/kg BW PO; repeat in 3 weeks (Carpenter et al., 1995)  
25 mg/kg BW PO (Williams, 1976)  
100 mg/kg BW PO for 5 days (McKellar, 1989)
- Re 50 mg/kg BW PO as a drench; use as often as necessary (Frye, 1981)
- Sw 75 mg/kg BW PO (Schultz, 1989)

**Thiabendazole and piperazine hydrate (respectively)**

- H** 0.1% in diet for 6 weeks, and 0.6% in drinking water starting 2 weeks before the thiabendazole (Taylor, 1992)

**Tinidazole**

- M** 2.5 mg/ml drinking water for 5 days (Roach et al., 1988)

**Trichlorfon**

- Fi** 0.25–0.5 ppm in 1-h bath for 5 days (Harms, 1996)  
2 ppm in 1-h bath once (Harms, 1996)  
5 ppm in 30-min bath once (Harms, 1996)
- M** 1.75 g/l drinking water with 1 g sugar, for 14 days, assuming a mouse consumes 2.2–3.2 ml water daily (Simmons et al., 1965)  
175 mg/100 ml drinking water for 14 days (Reiss et al., 1987)

**Vapona pest strip (DDVP)**

- M** Place a 1 × 1 in. strip on each cage (for 24 h) on each cage-change day for four changings [our interpretation of French, 1987—Eds.]
- Re** 1 strip/1000 cu ft room space; use continuously (Frye, 1981)