

VARROA CONTROL PRODUCTS

| Trade Name | Active Ingredient | Control Efficacy | Treatment Period | Adverse Effects | Residue Problems | MRL's (ppm) |
|-------------------|--|------------------|------------------|----------------------------|------------------|-------------|
| | | | | | | Honey |
| Apiguard | Thymol | 54-98% | 2x2 weeks | Few, if any | Honey taste | 0.8 |
| ApiLife Var | Thymol Eucalyptol Menthol Camphor | 70-90% | 2x3-4 weeks | Over wintering problems | Honey taste | 0.8 |
| Apistan | Fluvalinate | 95-99% | 42days | Drones Queens | Honey Wax | 0.01-0.05 |
| Apitol | Cymiazole | 83-98% | 2x1 weeks | Brood food glands | None | 0.01-1 |
| Apivar | Amitraz | 90-95% | 6 weeks | Larvae and adult mortality | None | 0.01-1 |
| Bayvarol | Flumethrin | 95-99% | 6 weeks | None | Propolis | 0.005-0.01 |
| Checkmite-Perizen | Courmaphos | 85-99% | 6 weeks 2x1 | some bee deaths | Honey & wax | 0.01-0.05 |
| Folbex | Bromopropylate | 55-09% | 4x4 days | none | Honey & wax | 0.01-1 |
| Generic | Formic Acid | 61-98% | varoius | drones, brood adults | Honey taste | 150-160 |
| Generic | Lactic Acid | 44-99% | 2-4x year | possible egg loss | Honey taste | 800-1600 |
| Generic | Oxalic Acid | 82-99% | at autumn | reduced brood in spring | Honyry taste | 400-900 |

| Wax | LD50 (oral) mg/kg | Operator Safety | Resistance |
|------|-----------------------------|---------------------------|----------------------|
| none | 980 | skin irritant | none |
| none | 980 2480 3300 2000 | none | none |
| 6 | 261-281 | Low risk toxic to fish | common |
| none | 725 | low risk | none |
| none | 523-800 | Low risk | Cross- resistance |
| none | 258 | low risk | Cross- resistance |
| 100 | 13-41 | Low risk | reported |
| none | 2784-3880 | skin rash | in lab |
| none | 1100 | corrosive combustible | none |
| none | 3750 | skin irritation | none |
| none | 375 | corrosive | none |