

Young Bird Immune Booster Plan

Three-pronged plan with ZADE, GT Wormer & S76

This three-pronged immune booster plan incorporates ZADE liquid, GT Wormer and S76 into the January young bird plan (see pages 8-13 of the Orange Pigeon Book). The effect of ZADE liquid on immune function is detailed in the accompanying ZADE Breeding Plan Brochure. The impact of GT Wormer and S76 on immune function is discussed below.

GT Wormer and S76 are products containing nature-born active compounds isolated from the soil bacterium *Streptomyces avermitilis*. Traditionally, these avimectin compounds have been used as safe and effective anti-parasitic (worm, lice and mite, blood parasites) treatments. Recent scientific research shows they have antibacterial, antiviral, anti-inflammatory and immunomodulating properties. GT Wormer and S76 are used in combination with ZADE liquid (see ZADE brochures). The purpose of this three-pronged young bird plan is to develop natural immunity against circovirus, respiratory diseases, E.coli, Salmonella, dry and wet canker and other stress-induced infections.

S76 promotes a rapid immune response whilst at the same time directly repelling the disease. While S76 activates an immediate immune response, GT Wormer stimulates longer term immune protection by reducing inflammation of the throat, palatine tonsils, sinus and upper airways. This anti-inflammatory effect cleanses the linings (mucosa) of the throat and upper airways of accumulated mucus and in doing so, prevents secondary infection. The rejuvenated mucosa also acts as a barrier against diseases.

The long-term immune responses activated by GT Wormer lessen the likelihood of repeat infections within the young bird loft. Importantly, with boosted immunity there will be little need to use antibiotics or anti-canker treatments. An added benefit is the loft-flying lift S76 gives within 8 hours of administration. The result is that squeakers coming across will fledge and loft fly at the youngest age possible.

Young Bird Immune Booster Plan		
	In Drinking Water	Mixed with grain
Saturday	ZADE Liquid, Quikgel & S76 (S76 high dose – each 3 weeks)	Turbobooster, E Powder & Fvite
Sunday	ZADE Liquid	Turbobooster, E Powder & Fvite
Monday	KD Powder	Turbobooster, E Powder & Fvite <i>During wet weather add V8 Powder</i>
Tuesday	GT Wormer * (each 3 weeks)	Fvite in dish
Wednesday	Dufoplus, Ioford & Megamix	Fvite in dish
Thursday	Optional medication day **	Fvite in dish
Friday	Fresh water	Fvite in dish

* Prazole Liquid is a rotational option to GT Wormer. ** Monthly coccidiosis treatments with Carlox are recommended.