

COMMON STORED PRODUCTS PESTS OF DRY FOOD GOODS

COMMON NAME	INSECT		SIZE (mm)	COLOR	TYPICAL LIFE CYCLE (days)	FEEDING TYPE	FOOD		CAN FLY	PENETRATE PACKAGE
	SCIENTIFIC NAME						ADULT	LARVAE		
Almond moth	<i>Ephestia cautella</i>		14-22	Grey	30-32	External	N/A	Nuts, Dried fruit & Grain	Yes	Yes
Angoumois grain moth	<i>Sitotroga cerealella</i>		12-17	Pale Yellow-Brown	35-65	Internal	N/A	Whole grain	Yes	Yes
Black carpet beetle*	<i>Attagenus megatoma</i>		3-5	Black	177-370	External	Pollen	Cereal & Animal products	Yes	Yes
Cadelle	<i>Tenebriodes mauritanicus</i>		8	Brown / Black	65-135	External	Germ of grain, Flower	Same	No	Yes
Cigarette beetle	<i>Lasioderma serricorne</i>		2-3	Brown	30-90	External	General meal, Tobacco, Spice	Same	Yes	Yes
Coffee bean weevil	<i>Araecerus fasciculatus</i>		3	Mottled Brown & Black	30-70	Internal	Soft seeds	Same	Yes	No
Confused flour beetle	<i>Tribolium confusum</i>		3-4	Brown	49-90	Scavenger	Flour, Meal, Broken grain	Same	Yes	Weak
Drugstore beetle	<i>Stegobium paniceum</i>		2-3.5	Brown	60-210	External	Anything**	Same	Yes	Yes
European grain moth	<i>Nemapogon granella</i>		13-17	Speckled White & Brown	82	External	N/A	Grain	Yes	N/A
Flat grain beetle	<i>Cryptolestes pusillus</i>		1.5	Brown	45-65	Secondary	Moldy grain	Same	Yes	No
Granary weevil	<i>Sitophilus granarius</i>		3-5	Brown	30-50	Internal	Whole grain	Same	No	N/A
Indianmeal moth	<i>Plodia interpunctella</i>		16-20	Rusty Brown w/Grey band	25-135	External	N/A	Broken/ processed grain	Yes	Yes
Khapra beetle*	<i>Trogoderma granarium</i>		2-3	Reddish-Brown / Black	26-220	External	N/A	Whole grain & Cereals	No	Yes
Lesser grain borer	<i>Rhyzopertha dominica</i>		3	Brown	30+	Internal	Whole grain	Same	Yes	Yes

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Meal moth	<i>Pyralis farinalis</i>	25	Brown w/dark Brown patches	35-70	Secondary	N/A	Spoiled cereal products	Yes	Yes
Mealworms	Tenebrionidae	12-16	Black	280-630	Secondary	Moldy grain	Same	Yes	N/A
Mediterranean flour moth	<i>Ephestia kuehniella</i>	24	Mottled Grey & Brown	30-40	Scavenger	N/A	Flour & processed grain	Yes	Yes
Merchant grain beetle	<i>Oryzaephilus mercator</i>	3	Brown	30-40	Scavenger	Flour, Meal, Oilseeds	Same	Yes	Weak
Red flour beetle	<i>Tribolium castaneum</i>	3-4	Brown	49-90	Scavenger	Flour, Meal, Broken grain	Same	Yes	Weak
Rice moth	<i>Corcyra cephalonica</i>	13-24	Pale Greyish Brown	45-150	External	N/A	Rice, Cocoa, Dried fruit, Seed	Yes	Yes
Rice weevil	<i>Sitophilus oryzae</i>	2-3.5	Brown/Black w/4 light spots	30+	Internal	Whole grain	Same	Yes	N/A
Sawtoothed grain beetle	<i>Oryzaephilus surinamensis</i>	2-3	Brown	30-50	Scavenger	Flour, Meal	Same	No	No
Spider beetles	<i>Ptininae (subfamily)</i>	1-5	Varied	12-120	Secondary	Moldy grain, Rodent feces	Same	No	No
Warehouse beetle*	<i>Trogoderma variable</i>	3	Varied	32-43	Scavenger	Cereal, Meat	Same	Yes	Yes

* denotes beetles of family Dermestidae

** typical stored products, poisonous materials (strychnine), books, mummies; can bore through tin foil and lead

Conversion note: 6.35 mm = 0.25 in, 25.4 mm = 1 in