Do I Need to Apply Pesticides for Japanese Beetle (JB) Control Before Shipping?

Is my **Ontario* facility** (in Category 3) **shipping to a non-JB area (i.e. Category 1 or 2)**?

YES

NO → **APPLY PESTICIDES**

Soil applications likely necessary, especially when **A) moving material from an JB-infested to a non-infested area,** or **B) when NOT participating in an applicable JB certification program.**

(See D-96-15 or consult with local CFIA office for guidance. Also consult attached reference table for root ball size restrictions).

Have the plants/media **EVER been outside**?

YES → Were the plants/media outside between **June 15 and Oct 15?**** **YES** → **APPLY PESTICIDES**

NO

NO → Are there **other plants/media in the facility** that are **NOT** under a JB certification program or exempt from JB requirements ?

YES → Have the plants/media been separated by a **physical barrier** from plants or media that are **NOT** under a JB certification program or exempt from JB requirements ? **NO** → **APPLY PESTICIDES**

YES

NO

Were all plants:
Started from seed?
OR from plant material sourced from a facility under a JB certification program ?
OR from plant material free of soil, substrate or media?
AND produced entirely outside the flight period ?

NO → **APPLY PESTICIDES**

YES → **Applications may not be needed**

Please consult **D-96-15** for the most up to date regulations or contact your local CFIA office

* This infographic has been provided specifically for Ontario growers in Category 3 areas. ** Subject to yearly change – check updates on the ONfloriculture or ONnurserycrops blog.

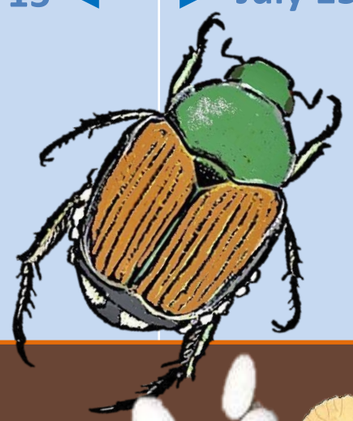
APPLICATION TIMING FOR JB CONTROL PRODUCTS IN ONTARIO

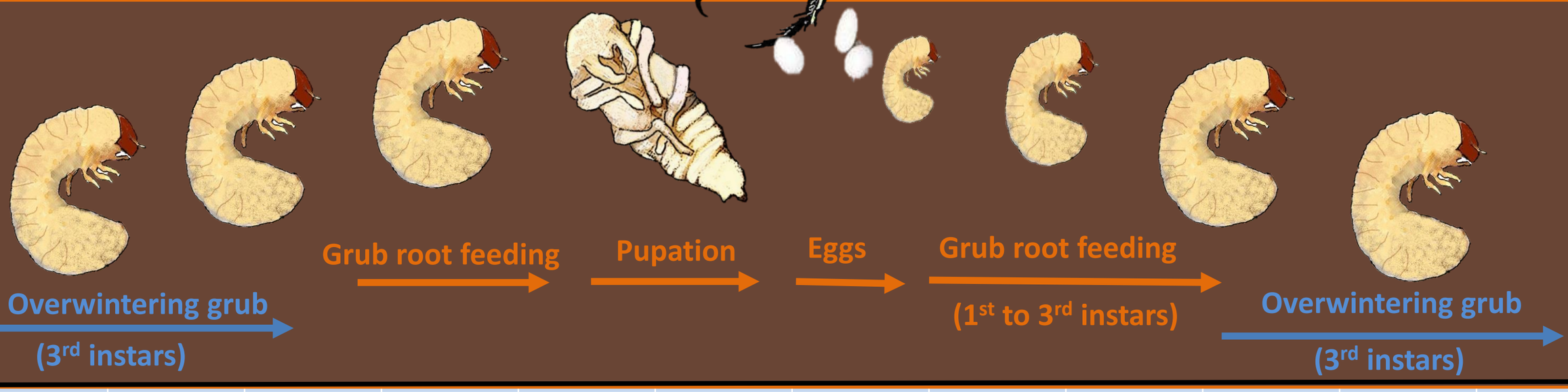
Approx. life cycle

Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec

Adult flight /egg laying period, ON: Jun 15 – Oct 15

Adult emergence window, ON: Jun 15 – July 15





Control timing

Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec

ACELEPRYN * — Jan 1 – May 15 — Curative

OR

ACELEPRYN * — Jun 15 – Aug 15 — **Preventative ONLY**

OR

ACELEPRYN * — Curative — Dec 31

LORSBAN ** — Apr 1 – May 15 — Curative

LORSBAN/DURSBAN** — Jul 30 – Oct 15 — Curative

INTERCEPT * (ONLY FOR **NON-FLOWERING** PLANTS) — Jun 15 – Aug 15 — **Preventative ONLY**

* Apply as a **DRENCH;** only 1 application / year allowed**.** Always use the **HIGH RATE** of Acelepryn or chlorantraniliprole equivalent. **Only 1 application of Acelepryn /Intercept is allowed per year.** Intercept is only effective against early instars of Japanese beetle.

** Apply as **COARSE SOIL SPRAY OR SUBMERGE ROOT BALL**. Residuals will not provide extended coverage (~2 weeks) but no max. # of applications. **CAN NO LONGER USE AFTER 12-09-2023.**

Suggested application timings are subject to change based on year and environmental conditions. Please contact OMAFRA specialists or PMRA if questions arise regarding products, rates or timing. Issues with availability of products should be discussed with CFIA and OMAFRA.

Reference Table: Plant Material Destination

Domestic Movement	Allowed Under D-96-15?	Exceptions / Requirements	Reference Section
From a **Regulated Area (Category 3) to B.C.** (Category 1)	**<u>Eligible IF *:</u>**	* a Movement Certificate with an additional declaration is required. Turf/sod is prohibited.	6.1
	• Grown outside of the JB flight period,		5.2
	• Treated as per section 5.3 of the directive (Note: use soil applications with products as indicated in the application timing chart).	Root balls >30 cm (12 in) **NOT eligible** for treatment option if moving to Category 1.	5.3
	<u>OR:</u> Produced in Compliance With:		
	• The JB-Free GH/Screenhouse program**, or		Annex 1
	• The JB Greenhouse Plant Program**	**No other programs allowed	Annex 2
From a **Regulated Area (Category 3) to rest of Canada** (not BC)	**No requirements to Cat. 3 or Cat. 4** (Cat 3: QC, NB, NS, ON, PE) (Cat. 4: AB, MB, SK, NT, NU, YT)		5.0
	Shipping into Cat. 2 (NL) <u>Eligible* IF</u>:	* a Movement Certificate with an additional declaration is required.	6.1
	• Grown outside of the JB flight period, or		5.2
	• Treated as per section 5.3 of the directive (Note: use soil applications with products as indicated in the application timing chart).	Root balls >81 cm (32 in) **NOT eligible** for treatment option if moving to Category 2.	5.3
	<u>OR:</u> Produced in Compliance With:		
	• ANY JB program in the directive		Annex 1-4