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

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

YES

Were the plants/media outside between **June 15 and Oct 15?****

YES

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).

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 (that cannot allow JB through)** from all plants and media **NOT** under a JB program or exempt from JB requirements ?

NO

YES

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?
OR produced entirely outside the flight period ?

NO

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.com** or **Onnurserycrops.wordpress.com** blogs.

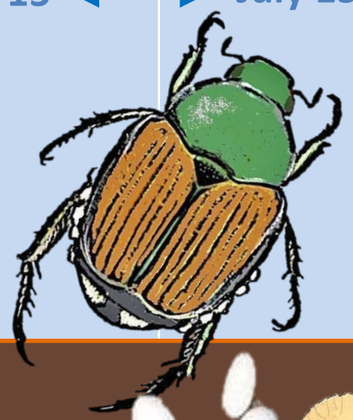
APPLICATION TIMING FOR JB CONTROL PRODUCTS IN ONTARIO

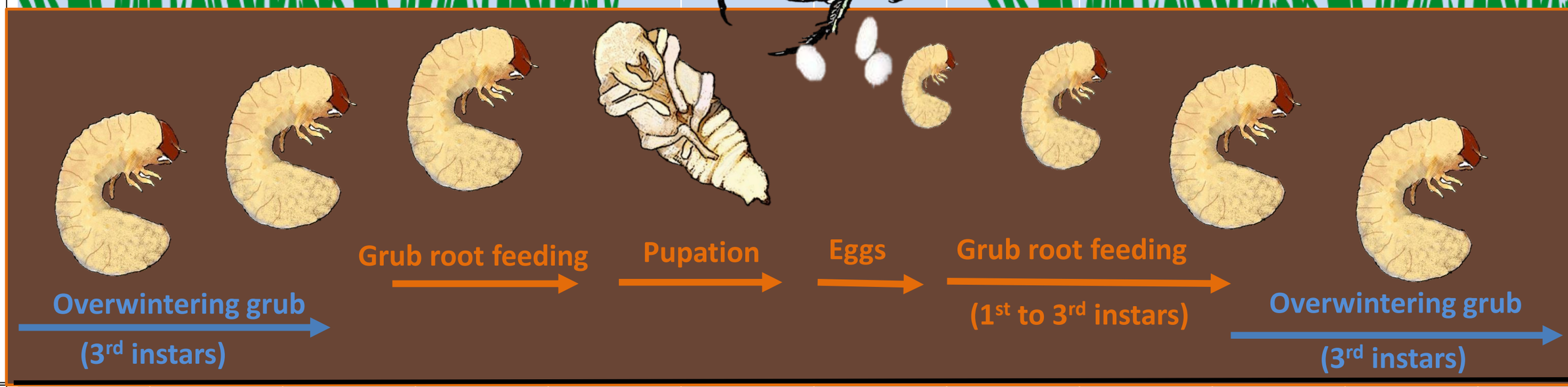
Approx. life cycle

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)

X — NO products are effective against JB pupae. NO products can be applied between May 15-June 15

OR **ACELEPRYN *** — Jun 15 → Aug 15 (Preventative)

OR **ACELEPRYN *** — Curative → Dec 31

* Apply Acelepryn as a **DRENCH.** Always use the **HIGH RATE** of Acelepryn or chlorantraniliprole equivalent. **Only 1 application of Acelepryn is allowed per year.** At the high rate, Acelepryn is **effective against all instars of JB**.

INTERCEPT **

(ONLY FOR **NON-FLOWERING** PLANTS)

Jun 15 → Aug 15

Preventative ONLY

** Apply Intercept as a **DRENCH.** Only 1 application allowed per year; only allowed on **NON-FLOWERING** plants. As Intercept is PREVENTATIVE, it **cannot be applied after Aug 15**, when larger instars of JB are present.

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

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 to BC.**	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 >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 direction (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 1-5