

Canadian & European Varieties for the Fresh Market

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My demo-trials are in growers' fields. Fields are planted in early May, irrigated when necessary. Pests are controlled.



Canadian Potato Varieties

Mostly white flesh.

Susceptible to Golden Nematode.

Not common scab resistant.

ENVOL

CHALEUR

AUGUST BEAUTY

KALMIA

ENVOL

- Early maturity: matures at least 10 days earlier than Superior.
- Smooth skin, white flesh
- Round to oval attractive tubers
- Medium dry matter 1.073
- Medium marketable yield
- Good storability

CAUTION: Susceptible to PVYntn

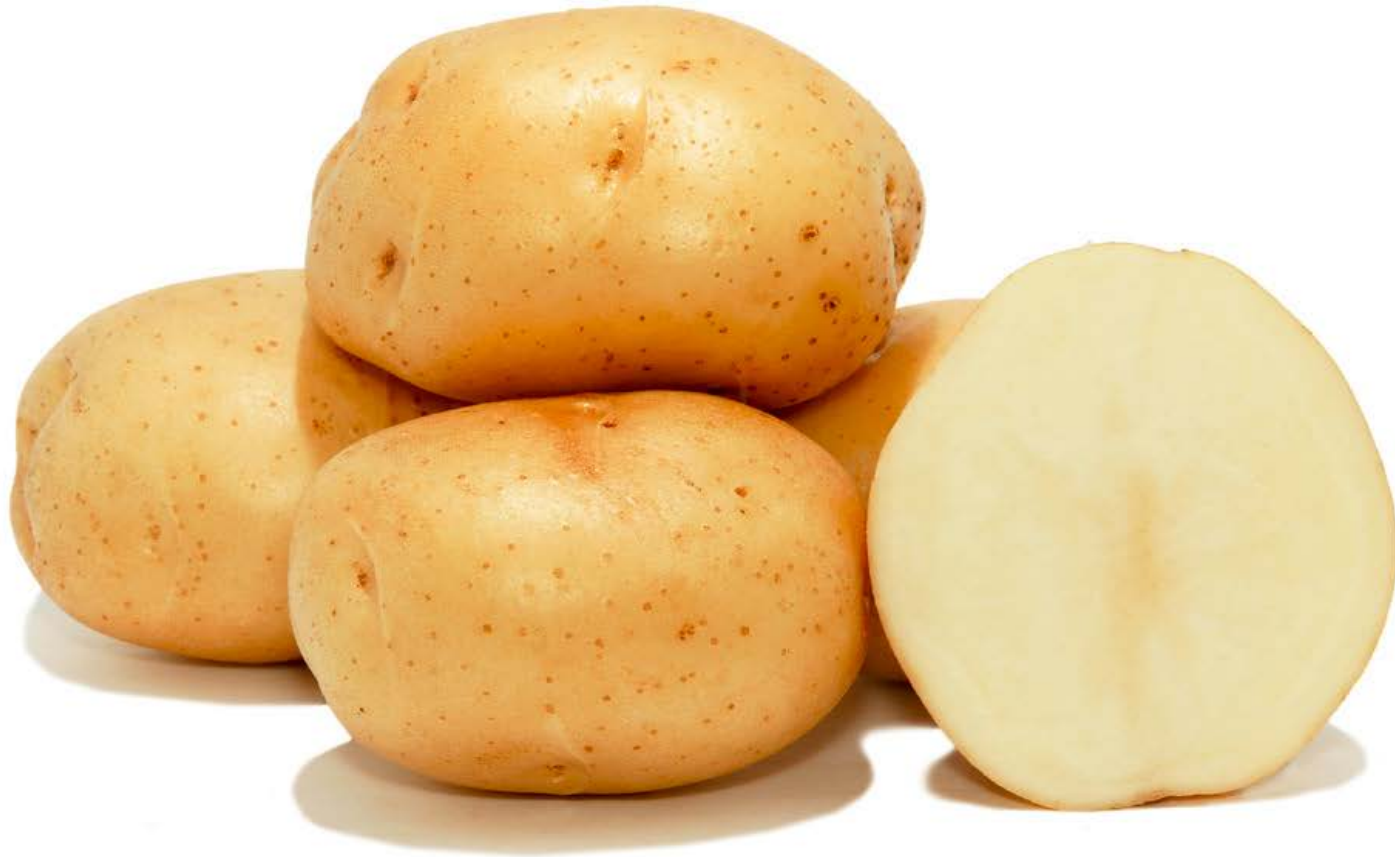
Susceptible to Golden Nematode



ENVOL

JAN 8/2016

AC CHALEUR



Bred by Hielke de Jong

TUBERS

- Smooth, buff skin
- White flesh
- Round to oval
- Shallow eyes
- Sizes well
- Harvest - 70-80 days
- Medium to high yield

Susceptible to Golden
Nematode

No internal defects
detected.





AUGUST BEAUTY

AUGUST BEAUTY

- New variety, evaluated 2014 – 2015, early maturity.
- Round tubers with smooth, white skin.
- White flesh.
- High dry matter SG: 1.080
- Good storability.
- Internal defects not detected

Susceptible to Golden Nematode

KALMIA



KALMIA

- Early fresh market: Matures in 90 days.
- Creamy white flesh, beige skin.
- Sizes well, tubers can get large.
- No hollow heart or internal brown spot detected.
- Evaluated only for 2 years in Ontario.
- Needs more field testing.

Susceptible to Golden Nematode

Seed: La Patate Lac St Jean

European Varieties

Most are yellow-fleshed

Resistant to Golden Nematode

COLOMBA

AMBRA

VIVALDI

FABULA

SATINA

AGATA

ELECTRA



COLOMBA

COLOMBA

- Medium early, short dormancy!
- Attractive, oval tubers
- Very smooth skin, yellow flesh
- Sizes well, no hollow heart
- Low dry matter S.G. 1.065
- Tasty!
- Very high yield (600 cwt in 2014!)
- Needs wide hills to minimize protruding tubers

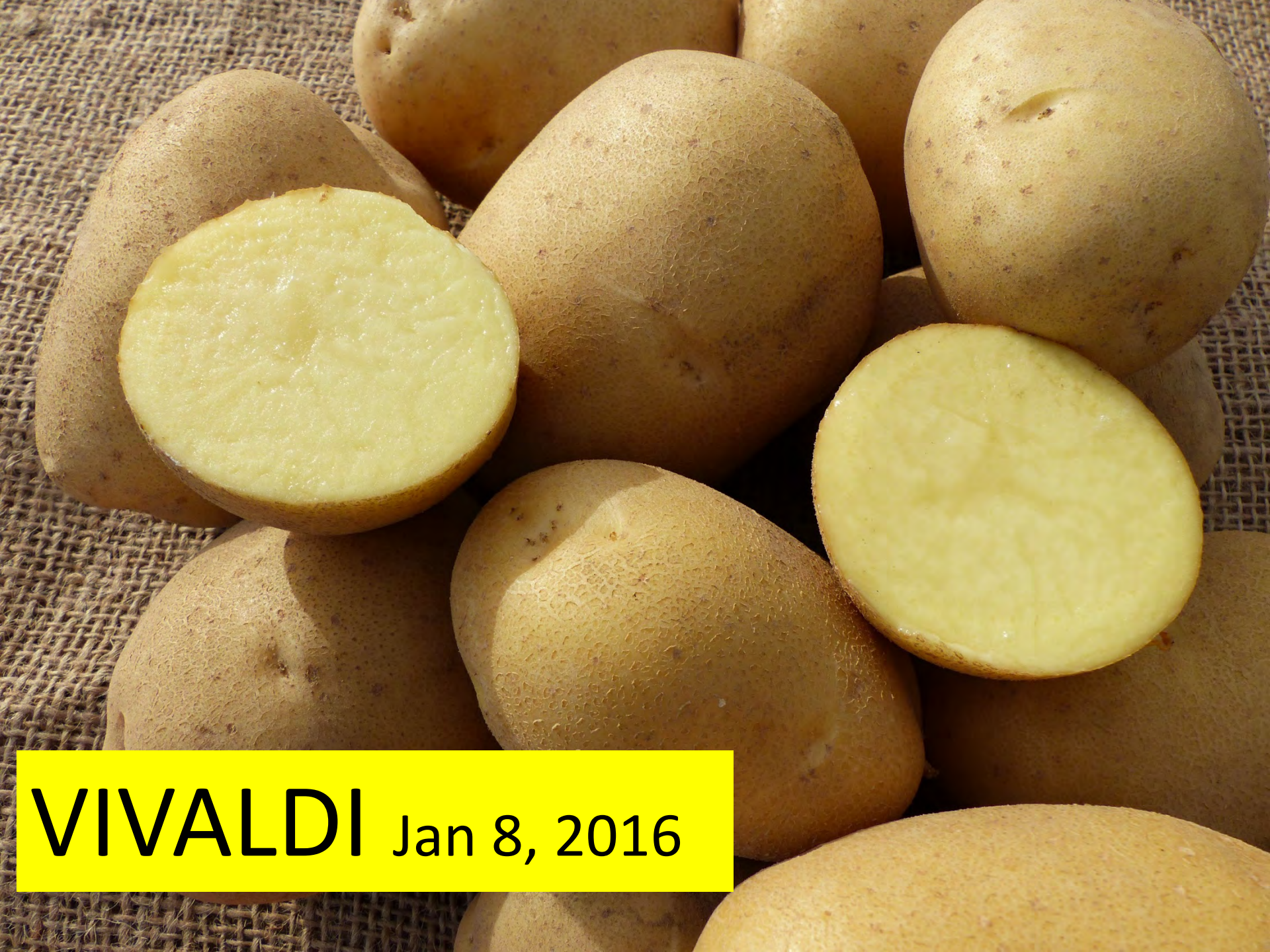
AMBRA JAN 8 / 2016



AMBRA

- Matures earlier than Yukon Gold
- Yellow, smooth skin
- Yellow flesh
- S.G: 1.068, very tasty
- Medium yield
- Resistant to Golden Nematode Ro1

Only whole seed should be planted because eyes are concentrated on the bud end!



VIVALDI Jan 8, 2016

VIVALDI

- Medium late maturity
- High marketable yield
- Needs wide hills to “accommodate” large number of tubers
- No hollow heart or internal brown spot detected
- Medium dry matter S.G. is 1.070
- Very tasty, consumers like it!
- Grown for 10 years in Ontario

FABULA

- Oval to oblong tubers, yellow flesh.
- Low set. Tubers size well.
- Tuber size should be monitored closely.
- Tends to produce jumbos.
- Plants are small. Low N requirement.
- Medium-early maturity.
- Very low dry matter.
- Skin could be flaky.

Resistant to Golden Nematode



DZ-1DS



SATINA

- Round tubers.
- Deep yellow flesh.
- Medium-late maturity.
- Highly resistant to scab.
- High yield.
- Resistant to golden Nematode Ro1

Road-map skin defect

Second growth developed in hot summers

AGATA



AGATA

- Oval tubers with smooth, shiny skin.
- Yellow flesh. No internal defects detected
- High yield.
- Medium-early maturity.
- Low dry matter content, but tasty.
- **Very susceptible to common scab**
- Grown successfully in Ontario for several years.

Resistant: Golden nematode Ro1



ELECTRA

LOW GLYCEMIC INDEX VARIETIES

Low glycemic index foods digest slowly, without creating a big spike of sugar and insulin in the body.

LGI food helps in the management of diabetes

- AAC HAMER
- NICOLA
- STAMPEDE RUSSET



AAC HAMER

Low glycemic potato
Mid-season maturity
Medium to small tubers
Smooth skin
White flesh

CV96044-3

CU161

NICOLA

- In clinical tests reduced potato glycemic spike by 50%.
- Long tubers, yellow flesh.
- Maturity is medium late.
- Specific Gravity is 1.075
- No internal defects detected.



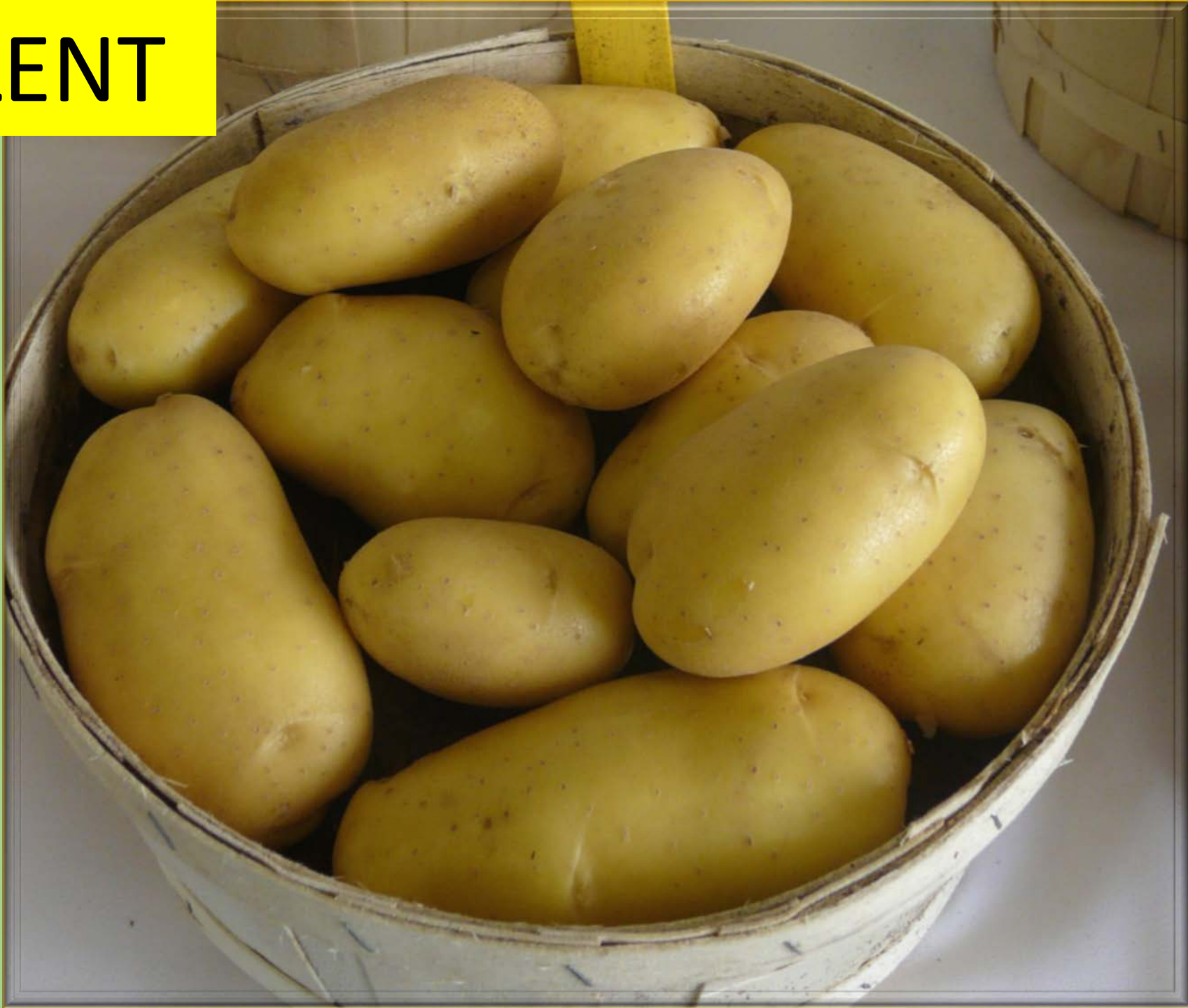
NICOLA JAN 2016

2-year Evaluation Norika varieties:

TALENT
SORAYA
AGILA
ALEGRIA

Seed Source: Higgins Farms, Wisconsin

TALENT



TALENT

- Oblong-long tubers of medium size
- Yellow flesh
- Medium maturity
- High yield

Resistant to Golden Nematode Ro1

PYDROU



SORAYA

- Oval-oblong tubers.
- Hollow heart not detected.
- Dark yellow flesh.
- High yield.
- Low N requirement.
- Tolerant to common scab.

Resistant to Golden Nematode Ro1

AGILA: High yield, long tubers,
yellow flesh, med. late maturity



ALEGRIA

- Long tubers of medium–large size.
- Yellow flesh
- High yield
- Maturity similar to Yukon Gold

Resistant to Golden Nematode Ro1 and Ro4



P-2011

- Evaluate new varieties in a small area
- Cut many tubers. Internal defects may go unnoticed.
- A 3-yr evaluation should provide a good indication of variety performance.
- Most Canadian varieties are white fleshed.
- Most European varieties are yellow fleshed and resistant to golden nematode

THANK YOU

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