

**Prairie Recommending Committee for Pulse and Special Crops (PRCPSC)
Meeting Minutes**

**Wednesday, March 1, 2023 1:30 PM MST
KC 203 – Banff Centre, Banff, Alberta**

1. Call to order

2. Motion to approve agenda

Motion: To approve the agenda as presented.

Moved by: Mark Olson *Seconded by:* Glen Hawkins

3. Welcome, Introductions & Attendance

Attendance: Robyne Davidson, Glen Hawkins, Syama Chatterton, Jenn Walker, Gene Arganosa, Avichai Amrad, Parthiba Balasubramanian, Lyle DePauw, Manjula Bandara, Sabine Banniza, Kirstin Bett, DJ Bing, Bruce Brolley, Joey Vanneste, Derek Bunkowsky, Mark Forhan, Laurie Friesen, Martin Hochhalter, Jaret Horner, Richard Stamp, Dennis Lange, Glenn Logan, Derek Mohr, Samuel Nanninga, Mark Olson, Jessa Hughes, Kendra Meier, Nathan Penner, Sherrilyn Phelps, Will Pillinger, Jaenet Ter Schure, Jason Reinheimer, Dale Risula, Jodi Souter, Gail Desjarlais, Ron Markert, Bert Vandenberg, Ning Wang, Pete Giesbrecht, Tom Warkentin, Sarah Weigum, Jim Whalen, Michael Gill, Ahmed Abdelmagid, Marissa Janssen, Lindsay Prafke, Andrew Ladwig, Mark Kok, Ephi Eyal, Pankaj Bhowmik, Ryan Jabs, Brianna Chouinard, Jeff Bertholet

4. Committee Recognition Letter from the CFIA (Oct 1, 2022 to September 30, 2023).

PRCPSC is a recognized committee with the CFIA, with authorization renewed on an annual basis. The letter of authorization was received from CFIA and covers the period of October 1, 2022 to September 30, 2023.

Motion: To accept the letter as received.

Moved by: Parthiba Balasubramanian *Seconded by:* Jason Reinheimer

5. Faba bean Vicine – Convicine testing

Motion:

All lines coming into the Faba bean Coop trials will be tested by the Faba bean Cooperative trial coordinator to test for the KASP marker to show low vicine-convicine content.

Moved by: Dale Risula *Seconded by:* Mark Olson

Discussion:

- CDC will test the sample for the KASP marker before entering the line into the Coop trial.

Motion:

You will be required to provide a test to show vicine-convicine content using a reputable method from an accredited laboratory such as Mass Spec or HPLC in the request for support for registration package.

Moved by: Glen Hawkins

Seconded by: Bert Vandenberg

6. Approval of 2022 meeting minutes

Motion: To approve 2022 meeting minutes.

Moved by: Richard Stamp

Seconded by: Bert Vandenberg

7. Business arising from the minutes

8. Update mailing list

Membership list was discussed for updating contact information as required. Send any updated information to Robyne and Glen.

9. PRCPSC positions up for election (announcement only)

Executive Committee

Robyne Bowness Davidson

Secretary Recommending Committee

March 31, 2023

Syama Chatterton

Chair Disease Evaluation Team

March 31, 2023

Glen Hawkins

Chair Breeding and Agronomy Evaluation Team

March 31, 2023

Contract Registration Committee

Derek Mohr

Agronomy Evaluation

March 31, 2023

10. Voting procedures

Voting guidelines - Outlined by Glen Hawkins – PRCPSC Chair.

- Based on our current Operating Procedures, only members of the evaluation committees are allowed to vote.
- Associate members do not participate in the voting.
- Voting is valid only when a quorum is present. The quorum for Committee meetings shall be fifty percent of the voting members
- It is expected that all members will vote impartially.
- Voting for candidate cultivars is by secret ballot.
- The Chair is permitted to actively participate in the discussions and is entitled to vote.
- A simple majority will constitute a positive recommendation.
- In the event of a tie, a revote will be conducted in which the Chair will not cast a vote.

11. Voting on candidate cultivars

DRY BEAN candidate lines (5) – Voting results shown in Appendix A.

1. **L17GN963** – Great Northern bean – Agriculture and Agrifood Canada, Lethbridge, Alberta

Presented by Parthiba Balasubramanian

Moved/seconded by: Parthiba Balasubramanian/Glen Hawkins to support the recommendation for registration of dry bean line L17GN963.

Support: 33 Object: 0 Abstain: 0 Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield similar to AAC Whitehorse and higher than Resolute
- Maturity the same as AAC Whitehorse, and earlier than Resolute

Disease: Support

Disease comments:

- Susceptible to both races of anthracnose, same as the checks Resolute and AAC Whitehorse
- Similar susceptible white mold scores to the checks

Quality: Support

Quality comments:

- Seed weight is similar to the check ACC Whitehorse, greater than the check, Resolute
- Seed size similar to AAC Whitehorse and higher than Resolute
- Has similar hydration coefficient to the checks
- Canning and cooking quality are similar to the checks
- Color of both dry and canned seeds are similar to the checks
- The number of hard seeds is similar to the checks

2. **L18PS600** – Pinto bean – Agriculture and Agrifood Canada, Lethbridge, Alberta

Presented by Parthiba Balasubramanian

Moved/seconded by: Parthiba Balasubramanian/Jason Reinheimer to support the recommendation for registration of dry bean line L18PS600.

Support: 33 Object: 0 Abstain: 0 Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield similar to Island and higher than AAC Expedition
- Maturity is later than Island, and earlier than AAC Expedition
- Lodging better than both checks

Disease: Support

Disease comments:

- Resistant to both races of anthracnose, same as the check Island and AAC Expedition
- Similar susceptibility to common bacterial blight as the checks
- Lower white mold incidence and severity to white mold than the checks over 3 years

Quality: Support

Quality comments:

- Seed weight is greater than the check, Island, but lower than the check AAC Expedition
- Seed size is slightly larger than Island and smaller than AAC Expedition
- Hydration coefficient is similar to the check Island, lower than the check AAC Expedition
- Canning quality is similar to or better than the checks
- Seed coat color in brightness is similar to, or brighter than the checks
- Has higher number of hard seeds than the checks

3. **L18PS601** – Pinto bean – Agriculture and Agrifood Canada, Lethbridge, Alberta

Presented by Parthiba Balasubramanian

Moved/seconded by: Parthiba Balasubramanian/Bert Vandenberg to support the recommendation for registration of dry bean line L18PS601.

Support: 32

Object: 1

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield lower than Island and higher than AAC Expedition
- Maturity is later than Island, and earlier than AAC Expedition
- Lodging better than both checks

Disease: Support

Disease comments:

- Resistant to both races of anthracnose, same as the check Island and AAC Expedition
- Similar susceptibility to common bacterial blight as the checks
- Lower white mold incidence and severity to white mold than the checks over 3 years

Quality: Support

Quality comments:

- Seed weight is greater than the check, Island, but lower than the check AAC Expedition
- Seed size is slightly larger than Island and smaller than AAC Expedition

- Hydration coefficient is similar to the check, Island, but lower than the check AAC Expedition
- Canning quality is similar to or better than the checks
- Seed coat color in brightness is similar to, or brighter than the checks
- Has higher number of hard seeds than the checks

4. HMS Victory – Navy bean – Provita, Kuna, Idaho

Presented by Andrew Ladwig

Moved/seconded by: Parthiba Balasubramanian/Laurie Friesen to support the recommendation for registration of dry bean line HMS Victory.

Support: 32 **Object:** 1 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield higher than T9905
- Maturity is similar to the check
- Lodging similar to the check
- Improved pod height

Disease: Support

Disease comments:

- Susceptible to both races of anthracnose, same as the check T9905
- Similar susceptible white mould scores to the check
- Similar severity and incidence to common bacterial blight as the check T9905

Quality: Support

Quality comments:

- Seed weight is similar to the checks, T9905 and Envoy
- Seed size is larger than the checks
- Hydration coefficient is similar to the checks
- Canning quality is similar to the checks
- No sample received at CGC

5. Bronco (41767-15) – Pinto bean – Treasure Valley Seeds, Denver, Colorado

Presented by Jim Whalen

Moved/seconded by: Parthiba Balasubramanian/Robyne Davidson to support the recommendation for registration of dry bean line Bronco (41767-15).

Support: 27

Object: 6

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield lower than both checks Vibrant and Windbreaker
- Maturity is similar to the checks
- Lodging similar to Vibrant, similar to Windbreaker

Disease: Support

Disease comments:

- Susceptible to both races of anthracnose, same as the checks Vibrant and Windbreak
- Similar susceptible white mold scores to the check
- Similar severity and incidence to common bacterial blight as the checks

Quality: Do Not Support

Quality comments:

- Seed weight is similar to the check Windbreaker, but higher than the check Vibrant
- Seed size is larger than both checks
- Hydration coefficient is similar to the check, Windbreaker, but lower than the check, Vibrant
- Drained weight is lower than the check Windbreaker, but similar to the check Vibrant
- Has similar appearance to the checks
- Has similar brightness to the check Vibrant, but brighter than the check Windbreaker

FIELD PEA candidate lines (13) – Results shown in Appendix A.

6. P1209-2119 – Yellow pea – Agriculture and Agrifood Canada, Lacombe, Alberta

Presented by DJ Bing

Moved/seconded by: DJ Bing/Mark Olson to support the recommendation for registration of field pea line P1209-2119.

Support: 33

Object: 0

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is similar to the checks AAC Lacombe and CDC Spectrum
- Lodging resistance is better than the checks
- Maturity is earlier than both checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight scores similar to the checks, CDC Spectrum and AAC Lacombe
- Fusarium root rot score was the same as the checks in both years

Quality: Support

Quality comments:

- Seed weight is higher than CDC Spectrum, lower than AAC Lacombe
- Protein content is similar to CDC Spectrum, higher than AAC Lacombe
- Percent seed coat breakage is similar to CDC Spectrum, lower than AAC Lacombe
- Seed shape is rounder than the checks
- Seed color is good

7. P1230-3352 – Marrowfat pea – Agriculture and Agrifood Canada, Lacombe, Alberta

Presented by DJ Bing

Moved/seconded by: DJ Bing/Parthiba Balasubramanian to support the recommendation for registration of field pea line P1230-3352.

Support: 33

Object: 0

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is higher than both checks AAC Olive and Bibao
- Lodging score higher than Bibao, similar to AAC Olive
- Maturity is similar to AAC Olive

Disease: Support

Disease comments:

- This line is resistant to powdery mildew

Quality: Support

Quality comments:

- Seed weight is similar to the checks, AAC Olive and Bibao
- Protein content is higher than the two checks
- Green color intensity is similar to the check, AAC Olive, but less than the check, Bibao
- Similar bleaching resistance to the check AAC Olive, but more bleached than the check Bibao
- Photo shows similar seed coat color to the checks

8. CDC 1513-2 – Marrowfat pea – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Tom Warkentin

Moved/seconded by: Tom Warkentin/DJ Bing to support the recommendation for registration of field pea line CDC 1513-2.

Support: 33 **Object:** 0 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is higher than both checks 1174-3 and 1245-3.
- Lodging score similar to the checks
- Maturity is similar to the checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew

Quality: Support

Quality comments:

- Seed weight is similar to checks 1245-3 and 1174-3, but higher than the check 1217-2
- No other quality data such as protein content, green color intensity or bleaching resistance
- Seed has good color

9. CDC 5856-3 – Yellow forage pea – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Tom Warkentin

Moved/seconded by: Tom Warkentin/Glen Hawkins to support the recommendation for registration of forage field pea line CDC 5856-3.

Support: 31 **Object:** 2 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Higher biomass yield than the check varieties CDC Sonata and CDC Jasper
- Grain yield higher than the checks CDC Sonata and CDC Jasper
- Lodging similar to the checks
- Maturity is similar to the checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew

Quality: Do Not Support

Quality comments:

- Seed weight is similar to the check CDC Sonata, but greater than the check, CDC Jasper
- No protein content or other quality parameters

10. CDC 6083-4 – Yellow pea – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Tom Warkentin

Moved/seconded by: Tom Warkentin/Mark Olson to support the recommendation for registration of field pea line CDC 6083-4.

Support: 33

Object: 0

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is higher than both checks AAC Lacombe and CDC Spectrum
- Lodging is similar to the checks
- Maturity is similar to both checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is similar to the checks CDC Spectrum and AAC Lacombe
- Fusarium wilt and root rot susceptibility was the same as the checks in both years

Quality: Support

Quality comments:

- Seed weight is lower than both of the checks, CDC Spectrum and AAC Lacombe
- Protein content is similar to CDC Spectrum, but higher than AAC Lacombe
- Percent seed coat breakage is similar to the check, AAC Lacombe, but higher than the check CDC Spectrum
- Seed has good color

11. CDC 6831-10 – Yellow pea – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Tom Warkentin

Moved/seconded by: Tom Warkentin/Sarah Weigum to support the recommendation for registration of field pea line CDC 6831-10.

Support: 33

Object: 0

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is higher than both checks AAC Lacombe and CDC Spectrum
- Lodging is similar to the checks
- Maturity is similar to both checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is similar to the checks CDC Spectrum and AAC Lacombe
- Fusarium wilt and root rot susceptibility was the same as the checks in both years

Quality: Support

Quality comments:

- Seed weight is greater than CDC Spectrum, lower than AAC Lacombe
- Protein content is similar to CDC Spectrum, higher than AAC Lacombe
- Percent seed coat breakage is similar to CDC Spectrum, less than AAC Lacombe
- Seed has good color

12. 6020-11 – Yellow pea – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Sherrilyn Phelps to support the recommendation for registration of field pea line 6020-11.

Support: 22

Object: 9

Abstain: 2

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is similar to AAC Lacombe, lower than CDC Spectrum
- Lodging is similar to the checks
- Maturity is similar to both checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is similar to the checks CDC Spectrum and AAC Lacombe
- Fusarium wilt and root rot susceptibility was the same as the checks in both years

Quality: Do Not Support

Quality comments:

- Seed weight is lower than both of checks, CDC Spectrum and AAC Lacombe.
- Protein content is similar to the checks, CDC Spectrum and AAC Lacombe
- Percent seed coat breakage is similar to the check, CDC Spectrum, but less than the check, AAC Lacombe
- Seed has good color

13. 6087-11 – Yellow pea – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Sherrilyn Phelps to support the recommendation for registration of field pea line 6087-11.

Support: 31 **Object:** 1 **Abstain:** 1 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is similar the checks AAC Lacombe and CDC Spectrum
- Lodging is similar to the checks
- Maturity is similar to both checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is similar to the checks CDC Spectrum and AAC Lacombe in 3 out 5 site-years and was lower in 2 of 5 site years
- Fusarium wilt and root rot susceptibility was the same as the checks in both years

Quality: Support

Quality comments:

- Seed weight is lower than both checks, CDC Spectrum and AAC Lacombe
- Protein content is similar to the check CDC Spectrum, but higher than the check, AAC Lacombe
- Percent seed coat breakage is similar to CDC Spectrum, but less than the check, AAC Lacombe
- Seed has good color

14. 6121-9 – Yellow pea – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Will Pillinger to support the recommendation for registration of field pea line 6121-9.

Support: 28

Object: 3

Abstain: 2

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is similar the checks AAC Lacombe and CDC Spectrum
- Lodging is similar to the checks
- Maturity is similar to both checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is similar to the checks CDC Spectrum and AAC Lacombe in both site years
- Fusarium wilt and root rot susceptibility was the same as the checks in both years

Quality: Support

Quality comments:

- Seed weight is lower than both checks, CDC Spectrum and AAC Lacombe
- Protein content is similar to the check, CDC Spectrum, but higher than the check AAC Lacombe
- Percent seed coat breakage is less than both checks
- Seed has good color

15. 6138-1 – Yellow pea – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Sherrilyn Phelps to support the recommendation for registration of field pea line 6138-1.

Support: 32

Object: 1

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is higher than AAC Lacombe and similar to CDC Spectrum
- Lodging is similar to the checks
- Maturity is similar to both checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is similar to the checks CDC Spectrum and AAC Lacombe in both site years

- Fusarium wilt and root rot susceptibility was the same as the checks in both years

Quality: Support

Quality comments:

- Seed weight is similar to the check, CDC Spectrum, but lower than the AAC Lacombe
- Protein content is similar to the check CDC Spectrum, but higher than the check, AAC Lacombe
- Percent seed coat breakage is similar to the check, AAC Lacombe, but higher than the check, CDC Spectrum
- Seed has good color

16. 6232-4 – Green pea – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Sherrilyn Phelps to support the recommendation for registration of field pea line 6232-4.

Support: 22

Object: 11

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Seed yield is similar to the check CDC Limerick and lower than CDC Forest
- Lodging is similar to the checks.
- Maturity is later than both checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is similar to the checks CDC Forest and CDC Limerick
- Fusarium wilt and root rot susceptibility was the same as the checks in both years

Quality: Do Not Support

Quality comments:

- Seed weight is higher than CDC Limerick, lower than CDC Forest
- Protein content is similar to the check CDC Forest, lower than CDC Limerick
- Green color intensity is similar to the check, CDC Limerick but less than CDC Forest
- Similar bleaching resistance to the check CDC Limerick, less bleached than DC Forest
- Seed coat breakage is similar to the check, CDC Forest, higher than CDC Limerick
- Seed has good color

17. EP_6816 – Yellow pea – Equinom, Kibbutz Givat Brenner, Israel

Presented by Avichai Amrad

Motion to include supplemental data by: Avichai Amrad, Seconded by: DJ Bing

Moved/seconded by: Avichai Amrad/Jason Reinheimer to support the recommendation for registration of field pea line EP_6816.

Support: 22 Object: 10 Abstain: 1 Result: Supported

Breeding and Agronomy: Do Not Support

Breeding and Agronomy comments:

- Seed yield is considerably lower than both checks AAC Lacombe and CDC Spectrum
- Lodging score is slightly higher than the checks
- Maturity is slightly earlier than the checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is similar to the checks CDC Spectrum and AAC Lacombe
- Fusarium wilt and root rot susceptibility was the same as the checks in both years

Quality: Support

Quality comments:

- Seed weight is lower than both checks, CDC Spectrum and AAC Lacombe
- Protein content is higher than the two checks
- Seed coat breakage is lower than AAC Lacombe, but higher than CDC Spectrum
- Has an improved flavor profile compared to CDC Amarillo, but no comparison to the two checks
- Better dry fractionation efficiency as compared to the check, CDC Spectrum
- Fractionation data is appreciated
- Seed has good color
- More dimpled seeds noted at CGC

18. EP_8272 – Yellow pea – Equinom, Kibbutz Givat Brenner, Israel

Presented by Avichai Amrad

Motion to include supplemental data by: Avichai Amrad, Seconded by: Richard Stamp

Moved/seconded by: Avichai Amrad/Glenn Logan to support the recommendation for registration of field pea line EP_8272.

Support: 17 Object: 14 Abstain: 2 Result: Supported

Breeding and Agronomy: Do Not Support

Breeding and Agronomy comments:

- Seed yield is considerably lower than both checks AAC Lacombe and CDC Spectrum
- Lodging score is higher than the checks
- Maturity is earlier than the checks

Disease: Support

Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is similar to the checks CDC Spectrum and AAC Lacombe
- Fusarium root rot score was the same as the checks in 2021, and the late season disease score was lower than the checks in 2022

Quality: Support

Quality comments:

- Seed weight is lower than both of the checks, CDC Spectrum and AAC Lacombe
- Protein content is higher than the two checks
- Percent seed coat breakage is similar to the check, AAC Lacombe, but higher than the check, CDC Spectrum
- No cooking time data
- Has an improved flavor profile compared to CDC Amarillo, but no comparison to the two checks
- Better dry fractionation efficiency as compared to the check, CDC Spectrum
- Fractionation data is appreciated
- Seed has good color

FABA BEAN candidate lines (5) – Results shown in Appendix A.

19. Casanova – Tannin. Low vicine-convicine faba bean - DLSeeds Inc., Morden, Manitoba

Presented by Glen Hawkins

*Motion to include supplemental data for low vicine-convicine content by: Glen Hawkins,
Seconded by: Jason Reinheimer*

Moved/seconded by: Glen Hawkins/Sherrilyn Phelps to support the recommendation for registration of faba bean line Casavona.

Support: 28

Object: 4

Abstain: 1

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield similar to the check Fabelle, lower than the check Allison
- Height slightly taller than the checks
- Maturity similar to the checks

Disease: Support

Disease comments:

- Susceptible to Chocolate spot, with similar disease scores as the checks in 2022

Quality: Do Not Support

Quality comments:

- Seed weight is higher than the check Allison
- Protein content is similar to the check Allison, but lower than the check Fabelle.
- Color is more green, perhaps due to later maturity
- No data on low vicine/convicine content
- No tannin content data

20. Dosis – Tannin. Low vicine-convicine faba bean - DLSeeds Inc., Morden, Manitoba

Presented by Glen Hawkins

Motion to include supplemental data for low vicine-convicine content by: Glen Hawkins,
Seconded by: Parthiba Balasubramanian

Moved/seconded by: Glen Hawkins/Sherrilyn Phelps to support the recommendation for registration of faba bean line Dosis.

Support: 32

Object: 0

Abstain: 1

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check Fabelle, similar to the check Allison
- Height slightly taller than the checks
- Maturity similar to the checks

Disease: Support

Disease comments:

- Susceptible to Chocolate spot, with similar disease scores as the checks in 2022

Quality: Support

Quality comments:

- Seed weight is lower than the check, Fabelle, but higher than the check, Allison.
- Protein content is similar to the checks
- No data on low vicine/convicine content

- No tannin content data
- Photo shows color darker than Fabelle, lighter than Allison

21. Futura – Tannin. Low vicine-convicine faba bean - DLSeeds Inc., Morden, Manitoba

Presented by Glen Hawkins

Moved/seconded by: Glen Hawkins/Mark Olson to support the recommendation for registration of faba bean line Futura.

Support: 32 **Object:** 0 **Abstain:** 1 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check Fabelle, similar to the check Allison
- Height slightly taller than the checks
- Maturity slightly longer than the checks

Disease: Support

Disease comments:

- Susceptible to Chocolate spot, with similar disease scores as the checks in 2022

Quality: Support

Quality comments:

- Seed weight is lower than the check, Fabelle.
- Protein content is similar to the check, Fabelle
- No data on low vicine/convicine content
- No tannin content data
- Photo shows good color

22. DL19.7202 – Low tannin. Low vicine-convicine faba bean - DLSeeds Inc., Morden, Manitoba

Presented by Glen Hawkins

Moved/seconded by: Glen Hawkins/Parthiba Balasubramanian to support the recommendation for registration of faba bean line DL19.7202.

Support: 32 **Object:** 0 **Abstain:** 1 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check DL Rico
- Height slightly taller than the check

- Maturity slightly longer than the check

Disease: Support

Disease comments:

- Susceptible to Chocolate spot, with similar disease scores as the checks in 2021

Quality: Support

Quality comments:

- Seed weight is lower than the check, DL Rico
- Protein content is higher than the check
- No data on low vicine/convicine content
- No tannin content data
- Photo shows darker seed coat color than the check DL Rico

23. DL20.8703 – Low tannin. Low vicine-convicine faba bean - DLSeeds Inc., Morden, Manitoba

Presented by Glen Hawkins

Moved/seconded by: Glen Hawkins/Laurie Friesen to support the recommendation for registration of faba bean line DL20.8703.

Support: 23

Object: 9

Abstain: 1

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check DL Nevado
- Earlier maturity than DL Nevado
- Height similar to the check

Disease: No recommendation

Disease comments:

- No disease data found

Quality: Do Not Support

Quality comments:

- Seed weight is similar to the check, DL Nevado, but lower than the check, DL Rico
- Protein content is lower than the checks
- No data on low vicine/convicine content
- No tannin content data
- Photo shows that it has lighter seed coat color than the check DL Nevado

LENTIL candidate lines (9) – Results shown in Appendix A.

24. 7301-6 – Small red lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Bert Vandenberg

Moved/seconded by: Bert Vandenberg/Jason Reinheimer to support the recommendation for registration of lentil line 7301-6.

Support: 32 **Object:** 1 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the checks CDC Maxim and CDC Sublime
- Similar agronomic characteristics and maturity to CDC Maxim and CDC Sublime

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the checks CDC Sublime and CDC Maxim
- Anthracnose scores to races 0 and 1 were similar to the small red checks

Quality: Support

Quality comments:

- Seed weight is similar to the check CDC Maxim
- Seed size (diameter) is similar to the check Maxim
- Seed thickness is thicker than the check, CDC Maxim
- Picture indicates that the seed coat color is lighter than the check and varies from light green to pink
- CGC has concerns that it is a red lentil with a green cotyledon. This could cause confusion

25. IBC 1306 – Large red lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Bert Vandenberg

Moved/seconded by: Bert Vandenberg/Mark Olson to support the recommendation for registration of lentil line IBC 1306.

Support: 32 **Object:** 1 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the checks CDC KR-2 and CDC Maxim
- Similar agronomic characteristics and maturity to CDC KR-2

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the checks CDC KR-2 and CDC Maxim
- Anthracnose scores to races 0 and 1 were similar to the checks

Quality: Support

Quality comments:

- Seed weight is similar to the check CDC KR-2
- Seed diameter is smaller than the check CDC KR-2
- Seed is thicker than the check CDC KR-2
- Photo indicates good color

26. 7026-13 – Small red lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Parthiba Balasubramanian to support the recommendation for registration of lentil line 7026-13.

Support: 30

Object: 3

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Maxim, similar to CDC Sublime
- Similar agronomic characteristics and maturity to both checks

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the checks CDC Sublime and CDC Maxim
- Anthracnose scores to races 0 and 1 were similar to the small red checks

Quality: Support

Quality comments:

- Seed weight is lower than the check CDC Maxim
- Seed diameter is smaller than CDC Maxim
- Seed is thicker than the check CDC Maxim
- Photo indicates good color, slightly darker than the check

27. 7214-15Y – Large green lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Bert Vandenberg

Moved/seconded by: Bert Vandenberg/Glen Hawkins to support the recommendation for registration of lentil line 7214-15Y.

Support: 30

Object: 2

Abstain: 1

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the small red check CDC Maxim, lower than large green check CDC Lima
- Height is taller than CDC Lima and CDC Maxim
- Maturity is earlier than CDC Lima, later than CDC Maxim

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the red check CDC Maxim and the green check CDC Lima
- Anthracnose scores to races 0 and 1 were similar to CDC Lima

Quality: Support

Quality comments:

- Seed weight is similar to the check CDC Lima
- Seed diameter is larger than the check CDC Lima
- Seed is thinner than the check CDC Lima
- Photo indicates good color

28. 7219-4 – Small red lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Laurie Friesen to support the recommendation for registration of lentil line 7219-4.

Support: 32

Object: 1

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Maxim
- Height is slightly taller than the check
- Maturity is slightly later than the check

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the check CDC Maxim
- Anthracnose scores for race 1 was lower in 2021, the same in 2022
- Reaction to Anthracnose race 0 was similar to the check

Quality: Support

Quality comments:

- Seed weight is similar to the check CDC Maxim
- Seed diameter is smaller than CDC Maxim
- Seed is thicker than CDC Maxim
- Photo indicates good color

29. 7258-4 – Small red lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Robyne Davidson to support the recommendation for registration of lentil line 7258-4.

Support: 29 **Object:** 4 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Maxim, lower than CDC Sublime
- Height is slightly taller than the check CDC Maxim
- Maturity is similar to the checks

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the check CDC Maxim
- Anthracnose scores for race 1 was lower than CDC Maxim in 2022, the same in 2021
- Reaction to Anthracnose race 0 was similar to the check

Quality: Support

Quality comments:

- Seed weight is higher than the check CDC Maxim
- Seed diameter is larger than CDC Maxim
- Seed is thicker than CDC Maxim

30. 7731-9Y – Large green lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Laurie Friesen to support the recommendation for registration of lentil line 7731-9Y.

Support: 29 **Object:** 3 **Abstain:** 1 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the small red check CDC Maxim, similar to the large green check CDC Lima
- Height is taller than the checks
- Maturity is slightly later than CDC Lima, 5 days later than CDC Maxim

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the green check CDC Lima
- Anthracnose scores for race 0 and race 1 were similar to the check

Quality: Support

Quality comments:

- Seed weight is higher than the check CDC Lima
- Seed diameter is larger than the check CDC Lima
- Uniform seed size
- Seed is thicker than the check CDC Lima
- Photo indicates good color

31. 7741-15br – Small red lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Mark Olson to support the recommendation for registration of lentil line 7741-15br.

Support: 30

Object: 3

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Maxim, slightly lower than CDC Sublime
- Height is similar to CDC Maxim, shorter than CDC Sublime
- Maturity is similar to the checks

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the check CDC Maxim
- Anthracnose scores for race 0 and race 1 were similar to the check

Quality: Support

Quality comments:

- Seed weight is similar to the check CDC Maxim
- Seed diameter is larger than CDC Maxim
- Seed is thicker than CDC Maxim

- Photo shows good color
- Slightly more mottling on the seed coat

32. 7745-7 – Small red lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Syama Chatterton to support the recommendation for registration of lentil line 7745-7.

Support: 32 **Object:** 1 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Maxim, lower than CDC Sublime
- Height is taller than CDC Maxim, shorter than CDC Sublime
- Maturity is similar to the checks

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the check CDC Maxim
- Anthracnose scores for race 1 were similar to the check
- Anthracnose scores for race 0 were lower than the check

Quality: Support

Quality comments:

- Seed weight is similar to the check CDC Maxim.
- Seed diameter is larger than CDC Maxim
- Seed is thicker than CDC Maxim
- Photo shows good color, darker shade of purple

33. 7757-12 – Large green lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Laurie Friesen to support the recommendation for registration of lentil line 7757-12.

Support: 31 **Object:** 1 **Abstain:** 1 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the small red check CDC Maxim and the large green check CDC Sublime

- Height is taller than CDC Lima and CDC Maxim
- Maturity is slightly later than CDC Lima, 5 days later than CDC Maxim

Disease: Support

Disease comments:

- Ascochyta blight scores were lower than the green check CDC Lima
- Anthracnose scores for race 1 were lower than CDC Lima
- Anthracnose scores for race 0 were similar to CDC Lima

Quality: Support

Quality comments:

- Seed weight is lower than the check CDC Lima
- Seed size is less uniform
- Seed diameter is smaller than the check CDC Lima
- Seed is thinner than the check CDC Lima
- Darker green color

34. 7785-10 – Small red lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Parthiba Balasubramanian to support the recommendation for registration of lentil line 7785-10.

Support: 31

Object: 2

Abstain: 0

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Maxim, lower than CDC Sublime
- Height is similar to CDC Maxim, shorter than CDC Sublime
- Maturity is similar to the checks

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the check CDC Maxim
- Anthracnose scores for race 1 were the same as CDC Maxim
- Anthracnose scores for race 0 were lower than CDC Maxim in 2021, the same in 2022

Quality: Support

Quality comments:

- Seed weight is similar to the check CDC Maxim.
- Seed diameter is larger than CDC Maxim
- Seed is thicker than CDC Maxim
- Seed color is darker shade of purple

SPECIALTY LENTIL candidate line (5) – Results shown in Appendix A.

35. 7208-34 – Extra small red lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Motion to set aside the rules and accept data from the 2021 Lentil Cooperative Test and the 2022 Specialty Lentil Test in 2022 by Jason Reinheimer. *Seconded by* Bert Vandenberg.

Moved/seconded by: Jason Reinheimer/Glenn Logan to support the recommendation for registration of lentil line 7208-34.

Support: 26

Object: 4

Abstain: 3

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Maxim
- Height is taller than CDC Maxim
- Maturity is similar to CDC Maxim

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the extra small red check CDC Imp
- Anthracnose score for race 1 was lower than CDC Imp
- Anthracnose score for race 0 was the same as the check

Quality: Support

Quality comments:

- Seed weight is similar to the check CDC Maxim
- Seed size (diameter) is larger than the check Maxim
- Seed is thicker than the check, CDC Maxim
- The seed coat color is lighter than the check

36. 7358-11 – Small green – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Mark Olson to support the recommendation for registration of lentil line 7358-11.

Support: 32

Object: 0

Abstain: 1

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Invincible
- Height is slightly shorter than CDC Invincible
- Maturity is slightly later than CDC Invincible

Disease: Support

Disease comments:

- Ascochyta blight scores similar to the check CDC Invincible
- Anthracnose score for race 1 and race 0 were similar to the check

Quality: Support

Quality comments:

- Seed weight is similar to the check CDC Invincible
- Seed diameter is smaller than CDC Invincible
- Seed is slightly thicker than the check CDC Invincible
- Photo shows good color

37. 7865-8 – French green lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jason Reinheimer

Moved/seconded by: Jason Reinheimer/Glen Hawkins to support the recommendation for registration of lentil line 7865-8.

Support: 29

Object: 3

Abstain: 1

Result: Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield slightly higher than the check CDC Invincible
- Height is slightly shorter than CDC Invincible
- Maturity is similar to CDC Invincible

Disease: Support

Disease comments:

- Ascochyta blight scores were similar to the check CDC Invincible
- Anthracnose score for race 1 and race 0 were similar to the check

Quality: Support

Quality comments:

- Seed weight is similar to CDC Invincible
- Seed diameter is smaller than CDC Invincible

- Seed is thinner than CDC Invincible
- Seed coat is lighter green
- Cotyledon color is yellow whereas the check cotyledon color is green

38. 8587-1-H2-13-bk – Black lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Bert Vandenberg

Moved/seconded by: Bert Vandenberg/Parthiba Balasubramanian to support the recommendation for registration of lentil line 8587-1-H2-13-bk.

Support: 32 **Object:** 1 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Maxim, quite a bit higher than Indianhead
- Similar agronomic and maturity characteristics compared to CDC Maxim

Disease: Support

Disease comments:

- Ascochyta blight scores were similar to the check CDC Maxim
- Anthracnose score for race 1 was lower than the check
- Anthracnose Score for race 0 was similar to the check

Quality: Do Not Support

Quality comments:

- Seed weight is lower than the check, CDC Maxim, but higher than the check Indianhead.
- Seed diameter is smaller than the check CDC Maxim
- Seed thickness is similar to the check CDC Maxim
- Red cotyledon, suggestion that perhaps it should be in the red lentil class

39. 8627-1-H2-4 – Black lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Bert Vandenberg

Moved/seconded by: Bert Vandenberg/Mark Olson to support the recommendation for registration of lentil line 8627-1-H2-4.

Support: 32 **Object:** 1 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support

Breeding and Agronomy comments:

- Yield higher than the check CDC Maxim, quite a bit higher than Indianhead

- Similar agronomic and maturity characteristics compared to CDC Maxim

Disease: Support

Disease comments:

- Ascochyta blight scores were similar to the check CDC Maxim
- Anthracnose score for race 1 and race 0 were similar to the check

Quality: Do Not Support

Quality comments:

- Seed weight is lower than the check CDC Maxim, but higher than the check, Indianhead
- Seed diameter is smaller than the check CDC Maxim
- Seed is thinner than the check CDC Maxim
- Green cotyledon, suggestion that perhaps it should be in the green lentil class

12. Selection of scrutineers and ballot counting

13. Reporting of results of voting on candidate cultivars

14. PRCPSC Committee Issues Meeting – Thursday, March 2 at 8:00 am MST

15. Adjourn

Motion to adjourn: Syama Chatterton, Seconded by Sherrilyn Phelps.
Meeting adjourned at 5:15 PM MST

Prairie Recommending Committee for Pulse and Special Crops (PRCPSC)
Committee Issues Meeting Minutes
Wednesday, March 1, 2023 8:00 AM MST
KC 201 – Banff Centre, Banff, Alberta

1. Call to order at 8:05 AM MST

2. Motion to approve agenda

Motion: To approve the agenda as presented

Moved by: Glen Hawkins

Seconded by: Sarah Weigum

3. Welcome and Attendance

Attendance: Robyne Davidson, Glen Hawkins, Syama Chatterton, Jenn Walker, Gene Arganosa, Avichai Amrad, Parthiba Balasubramanian, Lyle DePauw, Manjula Bandara, Sabine Banniza, DJ Bing, Bruce Brolley, Joey Vanneste, Mark Forhan, Laurie Friesen, Sherrilyn Phelps, Martin Hochhalter, Jaret Horner, Richard Stamp, Dennis Lange, Glenn Logan, Derek Mohr, Samuel Nanninga, Mark Olson, Jessa Hughes, Kendra Meier, Will Pillinger, Jaenet Ter Schure, Jason Reinheimer, Dale Risula, Jodi Souter, Gail Desjarlais, Ning Wang, Pete Giesbrecht, Tom Warkentin, Sarah Weigum, Jim Whalen, Michael Gill, Andrew Ladwig, Pankaj Bhowmik, Ryan Jabs, Howard Love

4. Review of Wednesday afternoon Voting Meeting results

The voting results from the Wednesday afternoon meeting were presented to the committee.

Motion: To destroy the ballots:

Moved by: Glen Hawkins

Seconded by: Sabine Banniza

5. Update the mailing list

The members of the PRCPSC were asked to send any changes to their contact information to Robyne.

6. First Call for Nominations to replace the PRCPSC committee positions up for renewal

Executive Committee

Robyne Davidson	Secretary Recommending Committee	March 31, 2023
Syama Chatterton	Chair Disease Evaluation Team	March 31, 2023
Glen Hawkins	Chair Breeding and Agronomy Evaluation Team	March 31, 2023

Contract Registration Committee

Derek Mohr	Agronomy Evaluation	March 31, 2023
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Sabine Banniza nominated *Dale Risula* to become the new chair for the Disease Evaluation Team. Dale accepted.

Derek Mohr will remain chair of the Agronomy Evaluation for the Contract Registration Committee

7. Changes to the Membership

The Membership list was reviewed.

Members were removed that:

- Have not attended the meetings for 3 consecutive years
- Have retired or changed positions
- At their request
- At the request of a committee member
- Contact was lost

If a person is attending the meetings for the first time, and wanted to become a member, they were asked to identify the committee that they would be most interested in participating on and make the request to be added to the membership.

Members were added at their request and recommended by a current committee member.

Members were moved among committees to strengthen each as required.

Robyne Davidson *made a motion* to amend the membership list to include the newly added members and remove members as identified. *Seconded by:* Laurie Friesen.

8. Update from Breeding (Hawkins) Disease (Chatterton) and Quality (Wang) Evaluation Team Chairs

Breeding and Agronomy:

Glen Hawkins gave an update from the Breeding and Agronomy Evaluation team meeting Tuesday morning, February 28th at 9:00 AM.

Glen commented that the committee felt the lentil checks should be updated.

Glen *made a motion* to accept the report. *Seconded by* Mark Olson.

Disease:

Syama Chatterton gave a report from the Disease Evaluation team meeting held on Tuesday afternoon, February 28th at 1:00 PM.

Syama commented that the committee also felt the lentil checks should be updated.

Syama *made a motion* to accept the report. *Seconded by* Dale Risula.

Quality:

Ning Wang gave a report from the Quality Evaluation team meeting held on Tuesday morning, February 28th at 10:00 AM.

Ning made a motion to accept his report. *Seconded by* Sabine Banniza.

9. Update from Contract Registration Committee (Mohr, Olson, Davidson)

Nothing to report.

10. Ratify Bean Coop 2022 report

The minutes from the Bean Workers meeting on Tuesday afternoon were presented by Parthiba Balasubramanian.

Parthiba made a motion to accept the 2022 Dry Bean Coop reports. *Seconded by* Martin Hochhalter.

11. Ratify Pea Coop 2022 report

The minutes from the Pea Workers meeting on Tuesday afternoon were presented by Tom Warkentin.

- Tom noted that there will be 3 Cooperative tests for field pea in 2023
- Tom updated the pea disease data

Tom made a motion to accept the 2022 Field Pea Coop report. *Seconded by* Avachai Amrad.

12. Ratify Lentil Coop 2022 report

Jared Horner gave an update on the Lentil Coop trials from 2022. Report is available on-line on the PGDC website.

Jaret made a motion to accept the 2022 Lentil Coop report. *Seconded by* Mark Olson.

13. Ratify Faba bean Coop 2022 report

Jared Horner and Glen Hawkins gave an update on the Faba Cooperative report The minutes from the Faba bean Workers meeting on Tuesday afternoon were presented by Glen Hawkins.

Jaret made a motion to accept the 2022 Faba bean Coop report. *Seconded by* Derek Mohr.

14. Buckwheat report

No report.

15. Update from Worker Groups

- **Bean**
No further comments beyond information provided in the Coop report.
- **Pea**
No further comments beyond information provided in the Coop report.
- **Faba bean**
No further comments beyond information provided in the Coop report.

16. Update 2022 Cooperative Registration Trial Guidelines for all crops

17. Ratify updated PRCPSC Operating Procedures document

Glen Hawkins *made a motion* to accept the changes as stated by committee members and worker groups to make the discussed changes to the 2023 PRCPSC Operating Procedures document as changes are confirmed. Seconded by: Dale Risula.

18. Second Call for Nominations to replace the PRCPSC committee positions up for renewal

Jaret Horner nominated *Jessa Hughes* to be the Chair of the Breeding and Agronomy Evaluation Team. *Jessa* accepted.

19. Third Call for Nominations and election of personnel.

Robyne Davidson will remain the Secretary of the PRCPSC Executive Committee.

Glen Hawkins *made a motion* to vote in all newly nominated Executive Committee members. Dale Risula *seconded*.

20. Discussion on lentil

- There did not seem to be consistency in the lentil checks by market class
- There needs to be an update to the lentil checks for disease comparison and the new lines will be compared to that check and not the regular check

- Sabine Banniza and Jaret Horner will work on updating the Lentil Cooperative guidelines to indicate that lentils in the Specialty test need to be compared for Ascochyta and Race 1 of Anthracnose
- Currently there are no disease parameters for specialty lentil so something should be generated.
- If a lentil starts in the Lentil Cooperative trial in the first year, it needs to stay there and not be moved.
- Jaret indicated that lines in the Specialty lentil test started in the Lentil Cooperative trial and were then moved due to seed size.

Glen Hawkins *made a motion* that Sabine Banniza and Jaret Horner work on updating the Lentil Cooperative Guidelines for checks and disease testing comparisons. *Seconded by* Dale Risula.

Jaret indicated that a fee will be added for disease testing.

Sherrilyn Phelps *made a motion* that a Lentil working group be formed for the PRCPSC meetings going forward, starting in 2024. *Seconded by* Laurie Friesen.

The Chair of the Lentil Workers Group in 2024 will be Sabine Banniza.

21. Other business

Discussion to make a plea to the industry to eliminate any non-vicine/convicine containing faba bean varieties from commercialization

- The plea would be to de-register varieties containing vicine or convicine
- The question is whether there is enough new material to replace the old material
- It was noted that de-registration takes 3 years
- There was a comment that the hog industry relies on the older (Snowbird) types, uses quite a bit of “brown bag” seed that never enters the commercial elevator system
- This cannot be done without communication with Pulse Canada
- There needs to be some messaging to start this
- A working group was created to communicate with Pulse Canada to de-register older vicine-convicine containing varieties:
 - Sherrilyn Phelps, Laurie Friesen, Dennis Lange, Derek Mohr, Kendra Meier, Sarah Weigum, Dale Risula, Lyle DePauw, Bruce Brolley, Jenn Walker, Drew Sharp
 - Sherrilyn Phelps will lead this group with help from Lyle DePauw.

22. Meeting location, venue and dates

2024	February – March	Saskatchewan
2025	February – March	Winnipeg
2026	February – March	Banff

23. Adjourn

Glen Hawkins *made the motion* to adjourn the meeting. Dennis Lange *seconded*.

Meeting adjourned at 10:03 MST.

Appendix A

2023 PGDC – PRCPSC Candidate Voting Results

Dry bean (5 lines)

Line #	Name	Type	Support	Object	Abstain
1	L17GN963	great northern	33	0	0
2	L18PS600	pinto	33	0	0
3	L18PS601	pinto	32	1	0
4	HMS Victory	navy	32	1	0
5	Bronco (41767-15)	pinto	27	6	0

Field Pea (13 lines)

Line #	Name	Type	Support	Object	Abstain
6	P1209-2119	yellow	33	0	0
7	P1230-3352	marrowfat	33	0	0
8	CDC 1513-2	marrowfat	33	0	0
9	CDC 5856-3	forage	31	2	0
10	CDC 6083-4	yellow	33	0	0
11	CDC 6138-10	yellow	33	0	0
12	6020-11	yellow	22	9	2
13	6087-11	yellow	31	1	1
14	6121-9	yellow	28	3	2
15	6138-1	yellow	32	1	0
16	6232-4	green	22	11	0
17	EP_6816	yellow	22	10	1
18	EP_8272	yellow	17	14	2

Faba bean (5 lines)

Line #	Name	Type	Support	Object	Abstain
19	Casanova	tannin	28	4	1
20	Dosis	tannin	32	0	1
21	Futura	tannin	32	0	1
22	DL19.7202	low tannin	32	0	1
23	DL20.8703	low tannin	23	9	1

Lentil (11 lines)

Line #	Name	Type	Support	Object	Abstain
24	7301-6	small red	32	1	0
25	IBC 1306	large red	32	1	0
26	7026-13	small red	30	3	0
27	7214-15Y	large green	30	2	1
28	7219-4	small red	32	1	0
29	7258-4	small red	29	4	0
30	7731-9Y	large green	29	3	1
31	7741-15br	small red	30	3	0
32	7745-7	small red	32	1	0
33	7757-12	large green	32	1	0
34	7785-10	small red	31	2	0

Specialty Lentil (5 lines)

Line #	Name	Type	Support	Object	Abstain
35	7208-34	extra small red	26	4	3
36	7358-11	small green	32	0	1
37	7865-8	french green	29	3	1
38	8587-1-H2-13-bk	black	32	1	0
39	8627-1-H2-4	black	32	1	0

Appendix B

Prairie Recommending Committee for Pulses and Special Crops Executive 2024

Name	Role	Term Expiration Date
Executive		
Glen Hawkins	Chair - Recommending Committee	March 31, 2024
Robyne Davidson	Secretary - Recommending Committee	March 31, 2026
Dale Risula	Chair Disease Evaluation Team	March 31, 2026
Ning Wang	Chair Quality Evaluation Team	March 31, 2025
Jessa Hughes	Chair Breeding and Agronomy Evaluation Team	March 31, 2026
Contract Registration Committee		
Derek Mohr	Agronomy Evaluation	March 31, 2026
Mark Olson	Quality Evaluation	March 31, 2025
Robyne Davidson	Disease Evaluation	March 31, 2024
Bean Workers Meeting		
Parthiba Balasubramanian	Chair	March 31, 2024
Pea Workers Meeting		
Tom Warkentin	Chair	March 31, 2024
Faba bean Workers Meeting		
Glen Hawkins	Chair	March 31, 2025
Buckwheat Workers Meeting		
Cam Stockford	Chair	March 31, 2025