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

Wednesday, February 26, 2025 1:45 PM
Delta A – Delta Hotel, Winnipeg, Manitoba

1. **Call to order at 1:52 PM**

2. **Motion to approve the Meeting Agenda - Voting**

   Motion: To approve the Agenda as presented **(M1)**
   Moved by: Tom Warkentin *Seconded by*: Lyle DePauw

3. **Welcome, Introductions & Attendance**

   Attendance: Robyne Davidson, Parthiba Balasubramanian, Ahmed Abdelmagid, Ana Vargas, Anfu Hou, Benzon Lorenzana, Cam Stockford, Dale Risula, Dennis Lange, Derek Mohr, Jaenet ter Schure, Jenn walker, Jessa Hughes, Joey Vanneste, Kendra Meier, Kishore Gali, Laurie Friesen, Lindsay Wang, Lorena Pahl, Lyle Depauw, Manjula Bandara, Nathan Penner, Pete Giesbrecht, Ron Markert, Sherrilynn Phelps, Tom Warkentin, Heather Ryan, Michael Gill
   Brianna Chouinard, Carisa Penner, Charlotte Greenshields, Dan Smith, Jennifer McCombe-Theroux, Nancy Powell, Sarah Yeo, Timothy van Steenbergen

   - 61 voting members on the PRCPSC committee.
   - 26 members present and 8 e-ballots = 34. Quorum achieved for voting on candidate lines but not on other motions.

4. **Committee Recognition Letter from the CFIA**

   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, 2024 to September 30, 2025.

   Motion: To accept the CFIA letter as received. **(M2)**
   Moved by: Sherilynn Phelps *Seconded by*: Nathan Penner

5. **Approval of 2024 Meeting Minutes**

   Motion: To approve 2024 meeting minutes. **(M3)**
   Moved by: Laurie Friesen *Seconded by:* Jessa Hughes

6. **Business arising from the 2024 Minutes**

   No business arising from last year's minutes

7. **Update membership list**

Membership list was posted on the password protected section of the website and briefly discussed. Members were asked to send any updated information to Robyne.

8. PRCPSC positions up for election (announcement only)

Executive Committee		
Glen Hawkins	Chair – Recommending Committee	March 31, 2027
Ning Wang	Chair – Quality Evaluation Team	March 31, 2025
Contract Registration Committee		
Mark Olson	Quality Evaluation	March 31, 2025
Faba Bean Workers Meeting		
Glen Hawkins	Chair	March 31, 2025
Buckwheat Workers		
Cam Stockford	Chair	March 31, 2025

9. Voting procedures

- Voting guidelines - Outlined by Robyne Davidson
- Based on our current Operating Procedures, only members of the three Evaluation Teams 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 is fifty percent (50%) of the voting members.
- It is expected that all members will vote impartially.
- Voting for candidate cultivars is by secret ballot. This year we will use the SLIDO app
- 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.

10. Selection of SLIDO monitoring personnel

11. Voting on candidate cultivars

FIELD PEA candidate lines (4) – Voting results in Appendix A.

1. **LAP23-0004** – Green pea – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

   Presented by Jaenet ter Schure

   Moved / seconded by: Jaenet ter Schure / Laurie Friesen to support the recommendation for registration of the green field pea line LAP23-0004.

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

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Seed yield is higher than the checks CDC Limerick and CDC Forest
- Vine length is longer than the checks
- Maturity is similar to the checks
- Lodging is better than the checks

Disease: Support
Disease comments:
- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is better than or equal to the checks CDC Limerick and CDC Forest
- Fusarium wilt and root rot susceptibility was better than or equal to the checks

Quality: Support
Quality comments:
- Seed weight is higher than the check CDC Limerick, similar to CDC Forest.
- Protein content is similar to CDC Forest, lower than CDC Limerick
- Percent seed coat breakage is similar to the checks
- Similar bleaching to CDC Limerick, less bleached than CDC Forest
- Green color intensity is similar to CDC Limerick

2. **LAP23-0014** – Yellow pea – Limagrain Cereals Research Canada, Saskatoon, SK

Presented by Jaenet ter Schure

Moved / seconded by: Jaenet ter Schure / Dennis Lange to support the recommendation for registration of the yellow field pea line LAP23-0014.

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

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Seed yield is higher than the checks CDC Spectrum and AAC Profit
- Vine length is longer than the checks
- Maturity is slightly later than the checks
- Lodging is similar to the checks

Disease: Support
Disease comments:
- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is better than the checks CDC Spectrum and AAC Profit

- Fusarium wilt and root rot susceptibility was better than or equal to the checks

Quality: Support
Quality comments:
- Seed weight is similar to the checks, CDC Spectrum and AAC Profit.
- Protein content is similar to the checks
- Percent seed coat breakage is similar to CDC Spectrum, lower than AAC Profit
- More immature seeds than CDC Spectrum, slightly more than AAC Profit

3. **LAP23-0017** – Yellow pea – Limagrain Cereals Research Canada, Saskatoon, SK

   Presented by Jaenet ter Schure

   Moved / seconded by: Jaenet ter Schure / Nathan Penner to support the recommendation for registration of the yellow field pea line LAP23-0017.

   Support: 30 **Object:** 3 **Abstain:** 0 **Result:** Supported

   Breeding and Agronomy: Support
   Breeding and Agronomy comments:
   - Seed yield is higher than the checks CDC Spectrum and AAC Profit
   - Vine length is longer than the checks
   - Maturity is slightly later than the checks
   - Lodging is similar to the checks

   Disease: Support
   Disease comments:
   - This line is resistant to powdery mildew
   - Mycosphaerella blight susceptibility is better than or equal to the checks CDC Spectrum and AAC Profit, except for Sutherland site in July 2024
   - Fusarium wilt and root rot susceptibility was better than or equal to the checks

   Quality: Support
   Quality comments:
   - Seed weight is similar to the check CDC Spectrum, lower than AAC Profit.
   - Protein content is lower than the checks
   - Percent seed coat breakage is slightly higher than CDC Spectrum, lower than AAC Profit
   - More immature seeds than the checks

4. **DL995-96** – Yellow pea – DLSeeds Inc., Morden, Manitoba

   Presented by Derek Mohr

   Moved / seconded by: Derek Mohr / Jenn Walker to support the recommendation for registration of the yellow field pea line DL995-96.

Support: 25 **Object:** 9 **Abstain:** 0 **Result:** Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:

- Seed yield is lower than the check CDC Spectrum, higher than the check AAC Profit
- Vine length is longer than the checks
- Maturity is similar to the checks
- Lodging is higher 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 Profit
- Fusarium wilt and root rot susceptibility is similar to the checks

Quality: Support
Quality comments:

- Seed weight is lower than both checks CDC Spectrum and AAC Profit.
- Protein content is lower than the checks
- Percent seed coat breakage is slightly higher than the checks
- Seed very immature compared to the checks

SPECIALTY FIELD PEA candidate lines (4) – Voting results in Appendix A.

5. **CDC PR20-62** – Dun pea – Crop Development Centre, Saskatoon, Saskatchewan

   Presented by Tom Warkentin

   Moved / seconded by: Tom Warkentin / Nathan Penner to support the recommendation for registration of the dun specialty field pea line CDC PR20-62.

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

   Breeding and Agronomy: Support
   Breeding and Agronomy comments:

   - Seed yield is higher than the check CDC Dakota
   - Vine length is shorter than the check
   - Maturity is earlier than the check
   - Lodging is higher than the check

   Disease: Support
   Disease comments:

   - This line is resistant to powdery mildew
   - Mycosphaerella blight susceptibility is similar to the check CDC Dakota

- Fusarium wilt and root rot susceptibility is similar to the check

Quality: No recommendation (did not have quorum)
Quality comments:
- Seed weight is higher than the check CDC Dakota
- Protein content is similar to the check
- Percent seed coat breakage is similar to the check
- Seed color is lighter green than the check

6. **CDC 6859-2** – Maple pea – Crop Development Centre, Saskatoon, Saskatchewan

   Presented by Tom Warkentin

   Moved / seconded by: Tom Warkentin / Sherilynn Phelps to support the recommendation for registration of maple specialty field pea line CDC 6859-2.

   Support: 31 **Object**: 1 **Abstain**: 2 **Result**: Supported

   Breeding and Agronomy: Support
   Breeding and Agronomy comments:
   - Seed yield is higher than the check CDC Blazer
   - Vine length is longer than the check
   - Maturity is later than the check
   - Lodging is lower than the check

   Disease: Support
   Disease comments:
   - This line is resistant to powdery mildew
   - Mycosphaerella blight susceptibility is better than or equal to the check CDC Blazer
   - Fusarium wilt and root rot susceptibility is similar to the check

   Quality: No recommendation (did not have quorum)
   Quality comments:
   - Seed weight is lower than the check CDC Blazer
   - Protein content is lower than the check
   - Percent seed coat breakage is similar to the check
   - Seed color is more orange than the check

7. **CDC 6716-5** – Red pea – Crop Development Centre, Saskatoon, Saskatchewan

   Presented by Tom Warkentin

   Moved / seconded by: Tom Warkentin / Dennis Lange to support the recommendation for registration of the red specialty field pea line CDC 6716-5.

   Support: 30 **Object**: 1 **Abstain**: 2 **Result**: Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:

- Seed yield is higher than the check Redbat 88
- Vine length is shorter than the check
- Maturity is later than the check
- Lodging is lower than the check

Disease: Support
Disease comments:

- This line is resistant to powdery mildew
- Mycosphaerella blight susceptibility is better than or equal to the check Redbat 88
- Fusarium wilt and root rot susceptibility is similar to the check

Quality: No recommendation (did not have quorum)
Quality comments:

- Seed weight is higher than the check Redbat 88
- Protein content is lower than the check
- Percent seed coat breakage is lower than the check
- Seed color is slightly redder than the check

8. **CDC 6366-4** – Wrinkled yellow pea – Crop Development Centre, Saskatoon, SK

   Presented by Tom Warkentin

   Moved / seconded by: Tom Warkentin / Jenn Walker to support the recommendation for registration of the wrinkled yellow specialty field pea line CDC 6366-4.

   Support: 31 **Object**: 2 **Abstain**: 1 **Result**: Supported

   Breeding and Agronomy: Support
   Breeding and Agronomy comments:

   - Seed yield is higher than the check CDC 4140-4
   - Vine length is longer than the check
   - Maturity is later than the check
   - Lodging is lower than the check

   Disease: Support
   Disease comments:

   - This line is resistant to powdery mildew
   - Mycosphaerella blight susceptibility is similar or equal to the check Redbat 88
   - Fusarium wilt and root rot susceptibility is similar to the check

   Quality: Support
   Quality comments:

   - Seed weight is similar to the check CDC 4140-4

- Protein content is similar to the check
- Percent seed coat breakage is higher than the check
- Seed color is less green than the check

FABA BEAN candidate lines (3) – Voting results in Appendix A.

9. **RLS217101** – Tannin. Low vicine-convicine faba bean - DLSeeds Inc., Morden, MB

   Presented by Derek Mohr

   Moved / seconded by: Derek Mohr / Nathan Penner to support the recommendation for registration of the tannin faba bean line RLS217101.

   Support: 32 **Object:** 2 **Abstain:** 0 **Result:** Supported

   Breeding and Agronomy: Support
   Breeding and Agronomy comments:
   - Yield is higher than the checks Fabelle and Allison
   - Height is slightly taller than the checks
   - Maturity is slightly later than the checks

   Disease: No recommendation (did not have quorum)
   Disease comments:
   - Susceptible to Chocolate spot, same as the checks

   Quality: Support
   Quality comments:
   - Seed weight is higher than the checks Fabelle and Allison
   - Protein content is similar to the checks
   - Seed coat color is better than Fabelle, similar to Allison

10. **CDC 2030-21** – Low tannin. Low vicine-convicine faba bean - Crop Development Centre, Saskatoon, SK

    Presented by Ana Vargas

    Moved / seconded by: Ana Vargas / Nathan Penner to support the recommendation for registration of the low tannin faba bean line CDC 2030-21.

    Support: 28 **Object:** 4 **Abstain:** 2 **Result:** Supported

    Breeding and Agronomy: Support
    Breeding and Agronomy comments:
    - Yield is lower than the checks Navi and DL Nevado
    - Height is slightly shorter than the checks
    - Maturity is earlier than the checks

Disease: No recommendation (did not have quorum)
Disease comments:
- Susceptible to Chocolate spot, same as the checks

Quality: Support
Quality comments:
- Seed weight is lower than the checks Navi and DL Nevado
- Protein content is lower than the checks
- Seed coat is color better than the checks

23. **Callas** – Tannin. Low vicine-convicine faba bean – Valesco Genetics, Plaza, North Dakota

Presented by Nancy Powell

Moved / seconded by: Nathan Penner / Jaenet ter Schure to support the recommendation for registration of the tannin faba bean line Callas.

Support: 33 **Object:** 0 **Abstain:** 1 **Result:** Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Yield is higher than the checks Fabelle and Allison
- Height is taller than the checks
- Maturity is slightly later than the checks

Disease: No recommendation (did not have quorum)
Disease comments:
- Susceptible to Chocolate spot, same as the checks

Quality: Support
Quality comments:
- Seed weight is higher than the checks Fabelle and Allison
- Protein content is equal to the checks
- Seed coat color is better than Fabelle, similar to Allison

LENTIL candidate lines (8) – Voting results in Appendix A.

11. **LAL23-0002** – Large green lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jaenet ter Schure

Moved / seconded by: Jaenet ter Schure / Laurie Friesen to support the recommendation for registration of the large green lentil line LAL23-0002.

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

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Yield is higher than the check CDC Lima
- Height is taller than the check
- Maturity is later than the check
- Seed weight is smaller than the check
- Lodging is higher than the check

Disease: Support
Disease comments:
- Ascochyta blight scores were similar to the check CDC Greenstar
- Anthracnose scores for race 1 were similar to the check

Quality: No recommendation (did not have quorum)
Quality comments:
- Seed weight is slightly smaller than the check CDC Lima
- Seed diameter is similar to the check
- Seed thickness is thinner than the check
- Seed color is similar to the check

12. **LAL23-0011** – Small red lentil – Limagrain Cereals Research Canada, Saskatoon, Saskatchewan

Presented by Jaenet ter Schure

Moved / seconded by: Jaenet ter Schure / Sherrilyn Phelps to support the recommendation for registration of the small red lentil line LAL23-0011.

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

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Yield is higher than the check CDC Nimble
- Height is slightly shorter than the check
- Maturity is similar to the check
- Seed weight is higher than the check
- Lodging is similar to the check

Disease: Support
Disease comments:
- Ascochyta blight scores were similar to the check CDC Redberry
- Anthracnose scores for race 1 were similar to the check

Quality: No recommendation (did not have quorum)

Quality comments:
- Seed weight is higher than the check CDC Nimble
- Seed diameter is bigger than the check
- Seed thickness is thicker than the check
- Seed color is not as uniform as the checks, odd seed has a green seed coat

13. **CDC23.03** – Small red lentil – Crop Development Centre, Saskatoon, Saskatchewan

    Presented by Ana Vargas

    Moved / seconded by: Ana Vargas / Nathan Penner to support the recommendation for registration of the small red lentil line CDC23.03.

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

    Breeding and Agronomy: Support
    Breeding and Agronomy comments:
    - Yield is higher than the check CDC Nimble
    - Height is equal to the check
    - Maturity is similar to the check
    - Seed weight is higher than the check
    - Lodging is higher than the check

    Disease: Support
    Disease comments:
    - Ascochyta blight scores were similar to the check CDC Redberry
    - Anthracnose scores for race 1 were similar to the check

    Quality: No recommendation (did not have quorum)
    Quality comments:
    - Seed weight is higher than the check CDC Nimble
    - Seed diameter is bigger than the check
    - Seed thickness is thicker than the check
    - Seed color is similar to the check

14. **CDC23.05** – Large green lentil – Crop Development Centre, Saskatoon, Saskatchewan

    Presented by Ana Vargas

    Moved / seconded by: Ana Vargas / Laurie Friesen to support the recommendation for registration of the large green lentil line CDC23.05.

    Support: 30 **Object:** 1 **Abstain:** 2 **Result:** Supported

    Breeding and Agronomy: Support
    Breeding and Agronomy comments:

- Yield is higher than the check CDC Lima
- Height is taller than the check
- Maturity is later than the check
- Seed weight is smaller than the check
- Lodging is higher than the check

Disease: Support
Disease comments:
- Ascochyta blight scores were similar to the check CDC Greenstar in 2023, more susceptible in 2024
- Anthracnose scores for race 1 were similar to the check

Quality: No recommendation (did not have quorum)
Quality comments:
- Seed weight is smaller than the check CDC Lima.
- Seed diameter is slightly smaller than the check
- Seed is thinner than the check
- Seed color is similar to the check

15. **CDC23.08** – Small green lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Ana Vargas

Moved / seconded by: Ana Vargas / Kishore Gali to support the recommendation for registration of the small green lentil line CDC23.08.

Support: 31 **Object:** 1 **Abstain:** 2 **Result:** Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Yield is higher than the check CDC Imvincible
- Height is taller than the check
- Maturity is similar to the check
- Seed weight is higher than the check
- Lodging is higher than the check

Disease: Support
Disease comments:
- Ascochyta blight scores were similar to the check CDC Viceroy
- Anthracnose scores for race 1 were better than the check

Quality: No recommendation (did not have quorum)
Quality comments:
- Seed weight is higher than the check CDC Imvincible
- Seed diameter is slightly bigger than the check
- Seed is thicker than the check

- Seed color is similar to the check, lots of mottling on seed coat

16. **5929-1** – Small red lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Ana Vargas

Motion to include supplemental Regional Trial data from Saskatchewan by Ana Vargas, *Seconded by* Jessa Hughes.

Moved / seconded by: Ana Vargas / Nathan Penner to support the recommendation for registration of small red lentil line 5929-1.

Support: 32 **Object:** 0 **Abstain:** 2 **Result:** Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Yield is higher than the check CDC Maxim
- Height is similar to the check
- Maturity is similar to the check
- Seed weight is lower than the check
- Lodging is higher than the check

Disease: Support
Disease comments:
- Ascochyta blight scores were similar to the check CDC Maxim, similar to the disease checks Eston and Robin
- Anthracnose scores for race 1 were similar to the check CDC Maxim, better than Eston and Robin

Quality: No recommendation (did not have quorum)
Quality comments:
- Seed weight is slightly lower than the check CDC Maxim
- Seed diameter is smaller than the check
- Seed is thicker than the check
- Seed color is less uniform than the check

17. **6795-12** – Small green lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Ana Vargas

Motion to include supplemental Regional Trial data from Saskatchewan by Ana Vargas, *Seconded by* Laurie Friesen.

Moved / seconded by: Ana Vargas / Laurie Friesen to support the recommendation for registration of the small green lentil line 6795-12.

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

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Yield is higher than the check CDC Imvincible
- Height is taller than the check
- Maturity is later than the check
- Seed weight is higher than the check
- Lodging is lower than the check

Disease: Support
Disease comments:
- Ascochyta blight scores were similar to the check CDC Imvincible
- Anthracnose scores for race 1 were similar to the check

Quality: No recommendation (did not have quorum)
Quality comments:
- Seed weight is higher than the check CDC Imvincible
- Seed diameter is bigger than the check
- Seed is thicker than the check
- Seed color is similar to the check

18. **7005-3** – Medium red lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Ana Vargas

Motion to include supplemental Regional Trial data from Saskatchewan by Ana Vargas, *Seconded by* Jessa Hughes

Moved / seconded by: Ana Vargas / Nathan Penner to support the recommendation for registration of the medium red lentil line 7005-3.

Support: 30 **Object:** 0 **Abstain:** 2 **Result:** Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Yield is higher than the check CDC Maxim
- Height is taller than the check
- Maturity is equal to the check
- Seed weight is higher than the check
- Lodging is higher than the check

Disease: Support
Disease comments:
- Ascochyta blight scores similar to the check CDC Maxim
- Anthracnose scores for race 1 were similar to the check

Quality: No recommendation (did not have quorum)
Quality comments:

- Seed weight is higher than the check CDC Maxim
- Seed diameter is bigger than the check
- Seed is thicker than the check
- Seed color is darker than the check

SPECIALTY LENTIL candidate lines (2) – Voting results in Appendix A

19. **CDC23.09S** – Black lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Ana Vargas

Moved / seconded by: Ana Vargas / Nathan Penner to support the recommendation for registration of the black lentil line CDC23.09S.

Support: 32 **Object:** 0 **Abstain:** 2 **Result:** Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:

- Yield is lower than the check Indian Head
- Height is similar to the check
- Maturity is earlier than the check
- Seed weight is higher than the check
- Lodging is lower than the check

Disease: Support
Disease comments:

- Ascochyta blight scores better than the check, reported as resistant
- Anthracnose scores for race 1 were similar to the check

Quality: No recommendation (did not have quorum)
Quality comments:

- Seed weight is higher than the check Indian Head
- Seed diameter is bigger than the check
- Seed is thicker than the check
- Seed color is purplish/black with a red cotyledon

Overall comment was that although this line is called a black lentil it should have been in the Small Red Cooperative Trial for testing.

20. **CDC23.11S** – Spanish brown lentil – Crop Development Centre, Saskatoon, Saskatchewan

Presented by Ana Vargas

Moved / seconded by: Ana Vargas / Nathan Penner to support the recommendation for registration of the Spanish brown lentil line CDC23.11S.

Support: 32 **Object:** 0 **Abstain:** 2 **Result:** Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:

- Yield is higher than the check SB-4
- Height is similar to the check
- Maturity is later than the check
- Seed weight is equal to the check
- Lodging is equal to the check

Disease: Support
Disease comments:

- Ascochyta blight scores similar to the check SB-4
- Anthracnose scores for race 1 were similar to the check

Quality: No recommendation (did not have quorum)
Quality comments:

- Seed weight is similar to the check SB-4
- Seed diameter is similar to the check
- Seed is thicker than the check
- Seed color is less red than the check

DRY BEAN candidate lines (2) – Voting results in Appendix A

21. **Diamondback** – Pinto bean – Kelley Bean, Scottsbluff, Nebraska

Presented by Dan Smith

Moved / seconded by Nathan Penner / Anfu Hou to support the recommendation for registration of the pinto dry bean line Diamondback.

Support: 26 **Object:** 5 **Abstain:** 3 **Result:** Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:

- Yield is higher than the checks Windbreaker
- Seed weight is smaller than the check
- Maturity is later than the check
- Plant height is taller than the check
- Lodging resistance is better than the check
- Pod clearance is better than the check

Disease: No recommendation (did not have quorum)
Disease comments:

- Susceptible to both races of Anthracnose, similar to the checks
- Susceptible to white mold, same as the checks

Quality: No recommendation (did not have quorum)
Quality comments:
- Seed weight is higher than the check Vibrant, lower than the check Windbreaker
- Hydration coefficient is lower than the checks
- Canning and cooking quality are similar to the checks, has a firmer texture than the checks
- Seed color is better, brighter than the checks
- The number of hard seeds is higher than the checks

22. **Rattler** – Pinto bean – Kelley Bean, Scottsbluff, Nebraska

Presented by Dan Smith

Moved / seconded by Nathan Penner / Dennis Lange to support the recommendation for registration of the pinto dry bean line Rattler.

Support: 27 **Object:** 5 **Abstain:** 2 **Result:** Supported

Breeding and Agronomy: Support
Breeding and Agronomy comments:
- Yield is quite a bit higher than the check Windbreaker
- Seed weight is similar to the check
- Maturity is later than the check
- Plant height is taller than the check
- Lodging resistance is similar to the check
- Pod clearance is better than the check

Disease: No recommendation (did not have quorum)
Disease comments:
- Susceptible to both races of Anthracnose, similar to the checks
- Susceptible to white mold, same as the checks

Quality: No recommendation (did not have quorum)
Quality comments:
- Seed weight is similar to the checks Vibrant and Windbreaker
- Hydration coefficient is lower than Vibrant, similar to Windbreaker
- Canning and cooking quality are similar to the checks, has a firmer texture than the checks
- Seed color is brighter than Windbreaker, less bright than Vibrant
- The number of hard seeds is higher than the checks

12. Final ballot counting including SLIDO and E-ballots

Dale Risula, Jenn Walker and Robyne Davidson tallied the SLIDO results and counted the paper and e-ballots.

13. Results of voting on candidate cultivars report

All candidate lines were recommended for support

14. PRCPSC Committee Issues Meeting – Thursday, February 27 at 9:00 am

15. Adjourn

Motion to adjourn: Robyne Davidson.

Meeting adjourned at 4:21 PM

Prairie Recommending Committee for Pulse and Special Crops (PRCPSC)
Committee Issues Meeting Minutes
Thursday, February 27, 2025 9:00 AM
Assiniboia B – Delta Hotel, Winnipeg, Manitoba

1. Call to order at 9:01 AM

2. Motion to approve the Meeting Agenda – Committee Issues

Motion: To approve the agenda as presented **(M4)**
Moved by: Ron Market *Seconded by:* Gene Arganosa

3. Welcome and Attendance

Attendance:

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 paper and e-ballots: **(M5)**
Moved by: Sherrilyn Phelps *Seconded by*: Richard Stamp

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 PRCPSC committee positions up for renewal

Executive Committee		
Glen Hawkins	Chair – Recommending Committee	March 31, 2027
Ning Wang	Chair – Quality Evaluation Team	March 31, 2025
Contract Registration Committee		
Mark Olson	Quality Evaluation	March 31, 2025
Faba Bean Workers Meeting		
Glen Hawkins	Chair	March 31, 2025
Buckwheat Workers		
Cam Stockford	Chair	March 31, 2025

Sherilynn Phelps *nominated* Ana Vargas to become Chair of the Faba bean Workers group. Ana accepted.

Tom Warkentin *nominated* Parthiba Balasubramanian to become Chair of the PRCPSC committee. Parthiba accepted.

Dennis Lange *nominated* Cam Stockford to become Chair of the Buckwheat Workers group. Cam accepted.

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 wants 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.

New members were recommended by a current committee member and added.

Members were moved among committees and membership status to strengthen each as required.

Gene Arganosa *made a motion* to amend the membership list to include the newly added members and remove members as identified. *Seconded by:* Sherrilyn Phelps.

8. Update from Breeding (Hughes), Disease (Risula) and Quality (Wang) Evaluation Team Chairs

Breeding and Agronomy Evaluation:
Jessa Hughes *gave a report* from the Breeding and Agronomy Evaluation team meeting held Tuesday morning, February 25th at 9:00 AM.

Disease Evaluation:
Dale Risula *gave a report* from the Disease Evaluation team meeting held on Tuesday morning, February 25th at 11:00 AM.

Quality Evaluation:
Robyne Davidson *gave a report* from the Quality Evaluation team meeting held on Tuesday morning, February 25th at 10:00 AM.

Jaenet ter Schure *made a motion* to accept the Evaluation Team reports. **(M6)**
Seconded by Gene Arganosa.

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

Nothing to report.

10. Update from the Bean Workers Group and Ratify the 2024 Bean Coop report

The minutes from the Bean Workers meeting and an update on the 2024 Bean Coop Report on Tuesday were *presented by* Dennis Lange.

Dennis *made a motion* to accept the 2024 Dry Bean Coop reports. **(M7)**
Seconded by Jaenet ter Schure.

11. Update from the Pea Workers Group and Ratify the 2024 Field Pea Coop report

The minutes from the Pea Workers meeting and an update on the 2024 Pea Coop Report on Tuesday were *presented by* Tom Warkentin.

Tom *made a motion* to accept the 2024 Field Pea Coop report. **(M8)**
Seconded by Laurie Friesen.

12. Update from the Lentil Workers Group and Ratify the 2024 Lentil Coop report

The minutes from the Lentil Workers meeting and an update on the 2024 Lentil Coop Report on Tuesday *were presented by* Ana Vargas.

Ana *made a motion* to accept the 2024 Lentil Coop report. **(M9)**
Seconded by Jessa Hughes.

13. Update from the Faba bean Workers Group and Ratify the 2024 Faba bean Coop report

The minutes from the Faba bean Workers meeting and an update on the 2024 Faba bean Coop Report was presented by Robyne Davidson.

Robyne *made a motion* to accept the 2024 Faba bean Coop report. **(M10)**
Seconded by Ana Vargas.

14. Ratify the Buckwheat report

No report.

15. Update 2024 Cooperative Registration Trial Guidelines for all crops

A reminder to Coop Trial Coordinators to update the crop cooperative trial guidelines and checks and send them to Robyne.

These will be incorporated in the PRCPSC Operating Procedures.

16. Ratify the Updated PRCPSC Operating Procedures document

Dennis Lange *made a motion* to accept the changes to the 2025 PRCPSC Operating Procedures as stated by committee members and worker groups and ratify the document as changes are confirmed. **(M11)**
Seconded by: Tom Warkentin

17. Second call for nominations to replace PRCPSC committee positions up for renewal

Gene Arganosa *nominated* Lindsay Wang to become the Chair of the Quality Evaluation Team. Lindsay accepted.

Tom Warkentin *nominated* Gene Arganosa to represent Quality Evaluation on the Contract Registration Committee. Gene accepted.

18. Third Call for Nominations and election of personnel.

Richard Stamp *made a motion* to vote in all newly nominated 2026 Executive Committee members. **(M12)**
Seconded by Dennis Lange

19. CFIA Update

20. Other business

2024 Faba Bean Resolution to CFIA

A faba bean resolution was made at the 2024 PRCPSC meeting that read as follows:

All varieties of faba bean (*Vicia faba)* go through the PRCPSC and require evidence of low vicine/convicine content to ensure the safety of our industry.

This resolution was never sent to the CFIA or CSGA and was brought forward at the Faba bean Workers meeting on Tuesday.

A discussion was held during the Faba bean Workers Meeting regarding our path forward to eliminate vicine and convicine from our faba bean varieties and ultimately our industry.

A new *motion was presented* at the Faba bean Workers meeting *by* Sherrilyn Phelps, *seconded by* Dale Risula as follows:

PRCPSC will send a letter to CFIA requesting a regulatory amendment of Schedule III – "faba bean, Vicia faba L. (small seeded)" be changed to remove the "small seeded" text

so that the default is all faba beans, regardless of end use, and seed sizes would be updated to any seed less than 800g thousand kernel weight (TKW).

Following that discussion, a small group of individuals met with CFIA and CSGA to lay out the path forward enabling the desired regulatory change over the longer term and what can be done in the short term to ensure varieties coming into Canada meet our low vicine, low convicine targets. The change would enable seed growers to have the requirements for producing pedigreed seed that will maintain that low vicine/convicine (LVLC) status. Representatives included provincial pulse commodity associations and government pulse specialists.

CFIA would require a formal request to change the regulations and remove the “small seeded” terminology that clearly outlines the change needed and the rational. Industry support through consultations will also need to be demonstrated in the package for regulatory changes.

In the short term there is nothing that can be done to make it mandatory for faba bean varieties be LVCV through CFIA or CSGA. However, there are requirements that can be added in the variety description document that outlines additional requirements for pedigreed seed production. This would be up to each company on a voluntary basis. Each company can amend the variety description online form to stipulate such things as LVCV testing to ensure 0.1% level is met, isolation distance requirements and set levels for variety purity.

It was suggested that these items be determined through the LVCV faba bean committee that was formed in 2023 to allow for consensus and consistency. A meeting will be set up before spring for the LVCV committee so that the instructions for how to amend the variety descriptions and what to include can be developed and shared prior to seeding.

The Seed Regulatory Modernization (SRM) is ongoing that will slow this down. It was suggested that we wait until that is process is complete and approved. The information package can be developed in anticipation of the SRM approval.

The seed size of faba bean was set last year at between 300 to 800 g TKW but the motion above suggests we remove the lower limit and make the seed size requiring registration be anything under 800g. Input from the Candain Grain Commission on seed size is needed and will be provided following the PGDC meeting.

The discussion continued with feedback from all committee members.

There will be no motion at this time until we receive the required feedback.

Make sure our Operating Procedures document gets updated with the maximum acceptable V-CV levels of 0.1% for registration.

Private Pea and Lentil trials

Lorena Pahl led a discussion on the Private Pea and Lentil Registration Recommendation Trials lead by Limagrain Cereals Research Canada.

Inspection:

- The public system does not require inspection so this would create an inspection process that could include both public and private trials.
- In the private trials they incorporated a fee structure for inspections.
- Private RRTs are open to everyone, and access is available with advance notice to trial coordinator prior to visiting the site.
- The following scenarios were discussed:
    - Third party inspections required for both Private and Public RRTs
    - No inspections required for Private RRTs (as is the current case for Public RRTs)
    - Requested third party inspections for the first "x" number of years for a breeding institution's Private RRTs
    - The overall Trial Coordinator will conduct inspections of Private RRTs.
- There was a question from a committee member asking if inspection interrupts the breeding companies IP as competitors are inspecting your material?

- The final Recommendation was to remove required inspection process from Private Registration Recommendation Trial Operating Procedures.

Disease evaluation:

- There are no actual guidelines for pea testing so the procedures Lorena is proposing would apply to both private and public trials. We need to standardize our disease ratings as well. There is danger the more we split our disease testing up by introducing diversity. There will be a meeting with all western Canada pathologists to standardize the rating scale.
- Pathologists indicated they do not have capacity for private trial entries, the proposed private operating procedures indicate disease reaction data may be collected from private disease nurseries and/or public disease nurseries if capacity allows.
- Current operating procedures do not include protocols for disease testing in either peas or lentils. Further vetting of methodology provided in private operating procedures is required by pathology experts, agreed upon and then included in both private and public recommendation registration trial operating procedures to ensure disease evaluation consistency across private and public disease nurseries.
- We need to standardize our disease ratings as well. Maybe a 3rd party standardized scale would be good. There is danger the more we split our testing up introducing diversity.
- There will be a meeting with all western Canada pathologists to standardize the rating scale although that meeting is likely larger in scope. Everyone will need to be involved.
- There is a flaw in our system if Powdery Mildew is merit and we can't even test for that and other diseases as it is not showing up.
- Limagrain does not have the capacity to test all lines for field pea in 2025 but they do for lentil. Limagarin would lead the lentil disease testing but won't have capacity for pea until 2026.

- Limagrain's proposed trial protocols note initiating Lentil Private Registration Recommendation trials in 2025 and Pea Private Registration Recommendation trials in 2026. Lentil disease testing will be done for Ascochyta Blight and Anthracnose in the greenhouse, as is currently done for those entries in the public RRT. Limagrain does not have existing capacity for field testing of root rots in peas nor is there agreed upon disease testing protocols, hence delay in initiating Pea PRRTs till 2026.

General comments:

- Saskatchewan Pulse Growers see private testing as a way to test varieties that can be vetted and allows private companies to test their own material as long as testing is transparent. We are trying to create innovation so there is interest in investing in private trials to bring as many varieties forward as possible. However, we need to make sure they meet the quality standards.
- Alberta Pulse Growers understand that our nurseries (disease included) are at capacity, so these trials allow for testing that otherwise won't happen. Jenn Walker wonders if this is just a capacity thing. Lorena indicates that there is no capacity to add to public trials.
- There are fees to go into the public system. In private trials we can test many more lines but also be confident that the data being generated is consistent and in line with the public trials.
- Operating procedures noting required methodology across all evaluation areas must be aligned and consistent between public and private recommendation registration trials.
- CFIA highly encourages private trials for capacity and to force consistency.
- Small companies such as Pete Giesbrecht highly values the public trials as they have an opposite problem of no capacity. The private trials could be open to all companies but also wonders if there is a problem with sending your material to a competitor.
- Mark Forhan said that in the beginning there is always trust issues in the industry but as in canola that lack of trust will go away.
- Does this create an unfair playing field for small companies? The flip side is squashing innovation by not allowing private companies to do this.
- A breeding company could have a line in both systems.
- Beyond the conversation of enabling private pea & lentil registration trials, a conversation needs to take place within industry to understand what the future of pulse disease testing needs to be. Is what and how we are currently assessing today still relevant to farmers?

Limagrain trial procedures for field pea and lentil were presented by Jaenet ter Schure. These will be included as an appendix in the PRCPSC Operating Procedures.
Lorena sent them to Robyne.

Lorena Pahl *made a motion* to accept approval of the Private Pea Registration Recommendation Trial (PPRRT) Operating Procedures and Limagrain Cereals Research Canada PPRRT trial protocols. **(M13)**
Seconded by Richard Stamp

Lorena Pahl *made a motion* to accept approval of the Private Lentil Registration Recommendation Trial (PLRRT) Operating Procedures and Limagrain Cereals Research Canada PLRRT trial protocols. **(M14)**
Seconded by Jaenet ter Schure

Seed Coat Breakage (SCB) discussion

Tom gave a summary on the topic of SCB and the presentation given by Gene Arganosa and Lindsay Wang on the ways to test this for quality evaluation.

We need to talk more about the best way to test for SCB and correlating it to what seed growers are seeing.

Tom thinks the Jewelry Cleaner process described by Gene and Lindsay would be a good process for testing.

Tom will add the use of the TADD machine or the Jewelry Cleaner into the PRCPSC Operating Procedures and will send them to Robyne and Parthiba.

Seed Regulatory Modernization

There are 3 tiers available from CFIA depending on crop type.

Tier 1 – where pulse crop testing for field pea, lentil, faba bean and dry bean is now. Varieties are placed in registration trials for a minimum of 2 years and evaluated by the expert committees for merit.
- This does slow the process down

Tier 2 – where subject experts meet and evaluate the varieties
Tier 3 – just listed

This process is currently being evaluated by CFIA and will take some time.

22. Meeting location, venue and dates

2026	March 2-5	Alberta	Banff
2027	February – March	Saskatchewan	Saskatoon

23. Adjourn

Gene Arganosa *made the motion* to adjourn the meeting.

Meeting adjourned at 11:45 AM.

Appendix A

2024 PGDC – PRCPSC Candidate Voting Results

Field Pea (4 lines)

Line #	Name	Type	Support	Object	Abstain
1	LAP23-0004	green	32	0	0
2	LAP23-0014	yellow	33	0	0
3	LAP23-0017	yellow	30	3	0
4	DL995-96	yellow	25	9	0

Specialty Pea (4 lines)

Line #	Name	Type	Support	Object	Abstain
5	CDC PR20	dun	31	0	2
6	CDC 6859-2	maple	31	1	2
7	CDC 6716-5	red	30	1	2
8	CDC 6366-4	wrinkled yellow	31	2	1

Faba bean (2 lines)

Line #	Name	Type	Support	Object	Abstain
9	RLS217101	tannin-LVC	32	2	0
10	CDC 2030-21	low tannin-LVC	28	4	2
23	Callas	tannin-LVC	33	0	1

Lentil (8 lines)

Line #	Name	Type	Support	Object	Abstain
11	LAL23-0002	large green	32	0	1
12	LAL23-0011	small red	31	2	0
13	CDC23.03	small red	31	0	2
14	CDC23.05	large green	30	1	2
15	CDC23.08	small green	31	1	2
16	5929-1	small red	32	0	2
17	6795-12	small green	31	0	2
18	7005-3	medium red	30	0	2

Specialty Lentil (2 lines)

Line #	Name	Type	Support	Object	Abstain
19	CDC23.09S	black	32	0	2
20	CDC23.11S	spanish brown	32	0	2

Dry bean (2 lines)

Line #	Name	Type	Support	Object	Abstain
21	Diamondback	pinto	26	5	3
22	Rattler	pinto	27	5	2

Appendix B

Prairie Recommending Committee for Pulses and Special Crops
Executive 2026

Name	Role	Term Expiration Date
Executive		
Parthiba Balasubramanian	Chair - Recommending Committee	March 31, 2028
Robyne Davidson	Secretary - Recommending Committee	March 31, 2026
Dale Risula	Chair Disease Evaluation Team	March 31, 2026
Lindsay Wang	Chair Quality Evaluation Team	March 31, 2028
Jessa Hughes	Chair Breeding and Agronomy Evaluation Team	March 31, 2026
Contract Registration Committee		
Derek Mohr	Agronomy Evaluation	March 31, 2026
Gene Arganosa	Quality Evaluation	March 31, 2028
Robyne Davidson	Disease Evaluation	March 31, 2027
Bean Workers Meeting		
Dennis Lange	Chair	March 31, 2027
Pea Workers Meeting		
Tom Warkentin	Chair	March 31, 2027
Faba bean Workers Meeting		
Ana Vargas	Chair	March 31, 2028
Lentil Workers Meeting		
Sabine Banniza	Chair	March 31, 2027
Buckwheat Workers Meeting		
Cam Stockford	Chair	March 31, 2028