

February 10, 2020

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**NEXT CPAC MEETING is Feb. 20<sup>th</sup>, 2020 at 7:00p.m. at the CPAC office.**

**CPAC ELECTION** Voting will continue Mon. - Wed. February 10-19<sup>th</sup> at the CPAC office from 8:00am-4:30pm. The ballots are prepared but write-in ballots will be accepted. **Please take an interest in your Industry and participate by voting.**

**29TH ANNUAL GOVERNOR'S FORUM ON COLORADO AGRICULTURE FEBRAURY 26<sup>th</sup>, 2020** The Colorado Agriculture Leadership program is pleased to once again host the Governor's Ag Forum at the Denver Renaissance. This year's theme is "Brand It Agriculture", promises a day full of networking and discovery of what lies on the horizon for our state's second-largest economic driver. Registered attendees of the Forum are also invited to a pre-Forum reception, taking place from 5-7 p.m. on Tuesday, Feb. 25th, at the History Colorado Center. [Register here:](#)

**SKI HI RENOVATION** The community is working hard to secure the funding needed to replace the Ski Hi building with a new, improved facility. After more than fifty years of service it is time to turn the page and build a facility for the next generation. The CPAC committee encourages you to support this project. [Friends of Ski Hi](#)

**THE DOUG MONTER MEMORIAL SCHOLARSHIP** The application is on the CPAC website and has been sent to all local area high schools. This \$7,000 over 4 year's scholarship is for a graduating male senior from a local area high school. The student must be entering college or vocational school as a freshman. Preference will be given to students pursuing a degree in agriculture or related field of study, but all applicants will be considered. Applications are due to the CPAC office by close of business April 6, 2020. Download Application [here](#).

**ASU SPONSORSHIP** Everyone had a great time cheering on the ASU Grizzlies men's and women's basketball teams. The group made sure all fans left with a bag of Colorado potatoes! Thank you to all who helped, as well as Farm Fresh Direct LLC for donating the potatoes! ASU recognized CPAC committee member Sheldon Rockey for his contribution to the potato industry at half time. Sheldon is Chairman of the CPAC Board and is on the Potatoes USA Executive Committee.

**MARKETING and SOCIAL MEDIA** CAM's Classroom at the National Western Stock Show was a success! Erin Nissen, Matt Seger, Dianna Paulson, Brenda Breickler (CPAC Area III) and Jess Crowther presented at the NWSS for students and parents on January 20<sup>th</sup>. Then the students competed at "Spud Jeopardy" with the group quizzing them on Colorado Potato facts. We're excited to participate in CAM's Classroom again in 2021. CPAC will continue our campaign with Alpine Media at 3 ski resorts throughout June 2020. We have digital advertising on the chair lift screens focused on the "Potatoes Power Performance" campaign. You can view the Alpine Media ad at <https://vimeo.com/382934645>. Sharing the Potatoes Power Performance message has resulted in enthusiastic, encouraging feedback from consumers and the industry alike. We're looking forward to more marketing opportunities and are always seeking new ideas! If you're on social media, be sure to like and follow Colorado Potatoes, to keep up with our fun activities! 😊





Having trouble playing this video? At the top of your Adobe program a yellow bar may appear that says: "3D content has been disabled. Enable this feature if you trust this document." Under the options drop down, select either option that states "Trust this document". Scroll to the top of page one and back to this video and it should play. :) If you're still having issues viewing the video, you can email Jess at [jcrowther@coloradopotato.org](mailto:jcrowther@coloradopotato.org) for assistance.

**CPAC RESEARCH COMMITTEE NEWS** The research sub-committee is gearing up for their meeting on February 21<sup>st</sup>. Interested researchers will be presenting research concept proposals designed to meet the sub-committee's published research priorities. The committee will then be charged with evaluation of the research concepts and extending invitations to the researchers selected to submit full proposals of their research concepts.

The research sub-committee is also looking to improve the new potato variety evaluation system that is currently used by the potato breeding program. Working with Dr. Holm and Caroline Gray at CSU, and the seed industry, we hope to develop a systematic approach to new variety evaluation that will involve enough scale to test a new variety in storage, and how it packs out in the warehouse to get a more comprehensive analysis for growers when faced with planting decisions.

The CPAC committee submitted three Specialty Crop Block Grants to the Colorado Department of Agriculture on February 3<sup>rd</sup>. Two are research projects, and one was a marketing project. We are hopeful we will have continued success because this Farm Bill program allows us to leverage our research dollars with U.S.D.A. funding to increase the research we can do to benefit our grower community.

## **AG LINKS FOR YOUR ENJOYMENT**

[Farmer battles IRS](#)

[Need for research funding](#)

[Better to be lucky?](#)

## **SLV RESEARCH CENTER**

The CSU Potato Breeding program has a newly released russet variety, the "Rocky Mountain Russet", previously known as the experimental variety CO05068\_1RU. Dr. Essah has management recommendations based on his field trials written here; **Rocky**

### **Mountain Russet: Nitrogen and Plant Population by Samuel YC Essah**

Associate Professor of Agronomy and Horticulture, and Extension Specialist

#### **Nitrogen Fertilizer Management**

The Rocky Mountain russet (CO5068-1RU) is a medium to late Russet cultivar, and a heavy nitrogen feeder. A two years study conducted indicated that a total of 223 lbs. per acre of available nitrogen (N) (soil residual N + irrigation water N + applied N) was needed to produce maximum tuber yield and quality. To know how much nitrogen fertilizer to apply during the growing season, subtract residual soil and water N from the recommended total available N. Urea Ammonium Nitrate (32-0-0) was used as source of N fertilizer in this study. With 223 lb. available N rate per acre, one can harvest a total of 485 cwt/acre of tubers with 90% US #1s. Premium size (> 6 oz.) tuber yield was 364 cwt/acre. No external or internal tuber defects were observed in this cultivar. Tuber specific gravity ranged from 1.096 - 1.097.

Timing of nitrogen fertilizer application is very important for maximum tuber production of Rocky Mountain russet (CO5068-1RU). To achieve maximum tuber yield, about 42% of the required seasonal nitrogen fertilizer should be applied either preplant or at planting. The remaining required seasonal nitrogen should be applied in split applications soon after tuber formation. Nitrogen fertilizer application should be completed early in the growing season to allow for tuber growth and maturity. In the San Luis Valley, nitrogen fertilizer application should be completed by July 30.

#### **Plant Population Management**

In a two years study with row spacing of 34 inches, planting seed potatoes at in-row spacing of 14 inches produced maximum tuber yield and quality. With the recommended 14 inches in-row seed spacing, the Rocky Mountain russet produced 444 and 420 cwt/acre of total and marketable tuber yields, respectively, with 95% US #1s. With this in-row seed spacing, tuber specific gravity was observed to be 1.102, and tubers had less than 1% external or internal defects.

The complete study can be found in the 2017 and 2018 Research report book on CSU's potato website – [Rocky Mountain Russet](#)



**SEED LAW EXEMPTION REQUESTS** Growers interested in applying for an exemption to the Seed Potato Act must submit their request to the Seed Law Advisory Committee through the CPAC office. If you need information on applying for an exemption please contact Jim for more information. The Seed Law Advisory Committee will likely meet on March 19<sup>th</sup> or March 20<sup>th</sup> to hear exemption requests. It is important to know that any lot approved for an exemption must have a four hundred tuber sample tested and confirmed to be free of Bacterial Ring Rot and Late Blight. [Seed Law exemptions and more](#)

**LATE BLIGHT QUARANTINE INSPECTION FOR IMPORTED SEED** Are you planning to bring seed into the San Luis valley from outside the area? You must follow the rules established by the Late Blight quarantine (LBQ). The LBQ insures all seed imported into the SLV must be certified and accompanied by 1) a certificate that shows proof of field inspection, 2) a North American Plant Health Certificate issued by the certifying authority for seed potatoes where the seed potatoes were grown, and 3) laboratory test results documenting that a representative sample of tubers from the load(s) was tested for late blight. Imported seed shipments must be re-inspected during the unloading process to verify the absence of Late Blight symptoms. For imported seed rules: [LBQ Rules](#)

Please contact the Fruit and Vegetable Inspection Service at (719)-852-4749 with your questions.

**MEETING CALENDAR:**

- 2/20 CPAC meeting
- 2/24-2/27 NPC Washington D.C. Fly In
- 3/09-3/12 USPB Annual Meeting Denver
- 3/19 CPAC meeting

JANUARY SPUD FACTS						
		2020	2019	2018	2017	2016
Reds	Percentage of Crop	6.2	6.4	6.3	5.6	7.1
All Russet Varieties	Percentage of Crop	76.5	74.2	76.9	76.6	76.8
Yellows	Percentage of Crop	12.6	13.6	11.6	13.1	11.8
Other Varieties	Percentage of Crop	4.6	5.9	5.1	4.8	4.4
U.S. No.	Percentage of Crop	64.7	61.5	59.3	61.6	63.1
U.S. <sup>1</sup> No.	Percentage of Crop	4.8	5.6	6.5	5	5.6
U.S. <sup>2</sup> Commercial Grade	Percentage of Crop	28	29.9	29.1	30.7	27
Seed	Percentage of Crop	2.4	3	5.1	2.6	4.3
Bulk	Percentage of Crop	30.1	32.7	35	43.9	38.8
Total Rail Shipments	480 CWT Equivalent	113	94	228	156	151
Total Truck Shipments (Fresh)	480 CWT Equivalent	2548	2702	2454	2469	2553
Total Truck Shipments (Processed)	480 CWT Equivalent	325	351	291	244	236
Total Monthly Shipments	480 CWT Equivalent	2986	3147	2973	2869	2940
<b>Total YTD Shipments</b>	480 CWT Equivalent	<b>14061</b>	<b>14478</b>	<b>14354</b>	<b>14060</b>	<b>14233</b>
<b>AVERAGE F.O.B. PRICES FOR JANUARY</b>						
(per 50 lb. carton or bale unless noted)						
		2020	2019	2018	2017	2016
Reds	U.S.#1 A 5#	17.25				
Yellows	5#	13.93	12.75	11.41	13.00	11.47
All Russets	U.S. #1 Size A	8.66	8.14	5.74	5.76	5.3
All Russets	U.S.	6.58	6.69	6.39	5.00	4.70
Russet	U.S. <sup>#2</sup> Commercial Grade 100 lbs	11.61	9.94	9.75	7.00	6.81