

First Regular Session  
Seventy-second General Assembly  
STATE OF COLORADO

INTRODUCED

LLS NO. 19-0798.01 Duane Gall x4335

HOUSE BILL 19-1247

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HOUSE SPONSORSHIP

Valdez D. and Catlin,

SENATE SPONSORSHIP

Donovan and Coram,

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House Committees

Rural Affairs & Agriculture  
Appropriations

Senate Committees

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A BILL FOR AN ACT

101 CONCERNING A STUDY BY THE COMMISSIONER OF AGRICULTURE ON  
102 THE POTENTIAL APPLICATIONS FOR BLOCKCHAIN TECHNOLOGY  
103 IN AGRICULTURAL OPERATIONS.

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Bill Summary

*(Note: This summary applies to this bill as introduced and does not reflect any amendments that may be subsequently adopted. If this bill passes third reading in the house of introduction, a bill summary that applies to the reengrossed version of this bill will be available at <http://leg.colorado.gov>.)*

The bill directs the commissioner of agriculture to convene an advisory group to study the potential applications for blockchain technology in agricultural operations and to report to the general assembly in 2020 with its findings and recommendations for legislation, if any. The advisory group is subject to repeal July 1, 2020.

Shading denotes HOUSE amendment. Double underlining denotes SENATE amendment.  
Capital letters or bold & italic numbers indicate new material to be added to existing statute.  
Dashes through the words indicate deletions from existing statute.

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1 *Be it enacted by the General Assembly of the State of Colorado:*

2           **SECTION 1.** In Colorado Revised Statutes, **add** 35-2-108 as  
3 follows:

4           **35-2-108. Study of potential applications for blockchain**  
5 **technology in agricultural operations - authority of commissioner -**  
6 **report to general assembly - repeal.** (1) THE COMMISSIONER OF  
7 AGRICULTURE IS HEREBY AUTHORIZED TO APPOINT AND CONVENE AN  
8 ADVISORY GROUP TO STUDY POTENTIAL APPLICATIONS FOR BLOCKCHAIN  
9 TECHNOLOGY IN AGRICULTURAL OPERATIONS, INCLUDING:

- 10           (a) TRACEABILITY OF PRODUCT ORIGIN FROM FARM TO SHELF;  
11           (b) INVENTORY CONTROL;  
12           (c) MONITORING OF IN-FIELD CONDITIONS, INCLUDING WEATHER,  
13 SOIL QUALITY, AND THE FUNCTIONING OF IRRIGATION EQUIPMENT AND  
14 SENSORS;  
15           (d) MAINTENANCE RECORDS FOR PRODUCTION AND  
16 TRANSPORTATION EQUIPMENT;  
17           (e) DATA VERIFICATION AND CERTIFICATION OF ORGANIC  
18 PRODUCTS;  
19           (f) TRACKING AND ORDERING OF INPUT RESOURCES SUCH AS  
20 FERTILIZER AND SEED; AND  
21           (g) ASSET EXCHANGE, INCLUDING PAYMENTS FOR SALES AND  
22 STORAGE OF PRODUCTS.

23           (2) THE ADVISORY GROUP CONSISTS OF THE COMMISSIONER OF  
24 AGRICULTURE OR THE COMMISSIONER'S DESIGNEE, ONE OR MORE MEMBERS  
25 OF THE COLORADO COUNCIL FOR THE ADVANCEMENT OF BLOCKCHAIN  
26 TECHNOLOGY USE IN THE OFFICE OF ECONOMIC DEVELOPMENT OR ITS

1 SUCCESSOR COUNCIL, AND REPRESENTATIVES FROM THE AGRICULTURAL  
2 AND ENVIRONMENTAL COMMUNITIES.

3 (3) ON OR BEFORE JANUARY 15, 2020, THE COMMISSIONER OF  
4 AGRICULTURE OR THE COMMISSIONER'S DESIGNEE SHALL PRESENT THE  
5 LEGISLATIVE COMMITTEES OF REFERENCE HAVING JURISDICTION OVER  
6 BUSINESS AFFAIRS AND AGRICULTURE WITH A SUMMARY OF THE ADVISORY  
7 GROUP'S FINDINGS, INCLUDING, IF APPROPRIATE, PROPOSALS FOR  
8 LEGISLATION.

9 (4) THIS SECTION IS REPEALED, EFFECTIVE JULY 1, 2020.

10 **SECTION 2. Act subject to petition - effective date.** This act  
11 takes effect at 12:01 a.m. on the day following the expiration of the  
12 ninety-day period after final adjournment of the general assembly (August  
13 2, 2019, if adjournment sine die is on May 3, 2019); except that, if a  
14 referendum petition is filed pursuant to section 1 (3) of article V of the  
15 state constitution against this act or an item, section, or part of this act  
16 within such period, then the act, item, section, or part will not take effect  
17 unless approved by the people at the general election to be held in  
18 November 2020 and, in such case, will take effect on the date of the  
19 official declaration of the vote thereon by the governor.