

**NASS Survey Training**

# **Dry Bean Inquiry – December 2023**

**(DRY BEAN AP)**



**United States Department of Agriculture  
National Agricultural Statistics Service**



Workforce Performance and Staff Development Section  
October 2023



# General Survey Information

- Project Code: **191** - Dry Beans, Peas, Lentils Survey
- Questionnaires:
  - Mailed out around November 15<sup>th</sup>
- Release:
  - *Crop Production - Annual*, January 12, 2024



# Survey Overview

- Looking for 2023 dry beans:
  - Planted and harvested acres
  - Production
- **By *Type***
  - Not just total acres of dry beans
- Purpose : To obtain data on planted acreage, final yields, and production by class, of dry edible beans. Estimates of Dry Bean acreage and production by class will be published in the January Crop Production report

# Survey Questions

- Any dry edible beans planted in 2023?
  - Exclude soybeans and lentils
- Questions are asked by class:
  - Acres planted
  - Acres harvested
  - Yield or Total Production on a clean basis
    - Yield reported in pounds per acre
    - Total production reported in hundredweight (cwt)
- Questions asked only in WA, WY:
  - Quantity Sold on a clean basis
  - Total Dollars Received Or Dollars per Hundredweight (\$/cwt)

# Bean Types in Survey

- Black
  - Including black turtle
- Blackeye Pea
  - Including southern field peas, cowpeas, and purple hull peas
- Cranberry
- Great Northern
- Dark Red Kidney
- Light Red Kidney

# Bean Types, Continued

- Baby Lima
- Large Lima
- Navy
  - Including Pea Beans
- Pink
- Pinto
- Small Red
- Small White
- Other Dry Edible Beans (Specify)

# Watch For:

- Large acreages
  - Verify. (Confirm dry beans and not soybeans, etc.)
- High/low yield
- High/low prices
- Reported production but no sales (if applicable)
- ‘Other’ Dry Beans reported. Be sure to list the type of bean.
- Units other than pounds or hundredweight used
- Be mindful decimal points on acres and prices
- Operations with no dry bean acres
  - Everyone in the sample should have positive dry bean acres

# Dry Edible Bean Area Planted and Harvested, Yield, and Production – States and United States: 2020-2022

[Excludes chickpeas]

State	Area planted			Area harvested		
	2020	2021	2022	2020	2021	2022
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
California .....	25.0	16.0	12.0	25.0	14.9	11.9
Colorado .....	57.0	33.0	35.0	52.0	32.0	33.3
Idaho .....	68.0	58.0	45.0	66.0	57.0	44.0
Michigan .....	255.0	210.0	215.0	253.0	207.0	214.0
Minnesota .....	275.0	240.0	215.0	263.0	232.0	210.0
Nebraska .....	165.0	120.0	115.0	159.0	114.0	108.1
North Dakota .....	815.0	660.0	570.0	785.0	615.0	560.0
Washington .....	39.0	40.0	27.0	38.0	39.4	26.7
Wyoming .....	28.0	17.0	16.0	23.5	15.8	15.0
United States .....	1,727.0	1,394.0	1,250.0	1,664.5	1,327.1	1,223.0

State	Yield per acre <sup>1</sup>			Production <sup>1</sup>		
	2020	2021	2022	2020	2021	2022
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California .....	2,390	2,450	2,340	598	365	279
Colorado .....	2,070	1,880	2,030	1,074	602	676
Idaho .....	2,410	2,610	2,400	1,592	1,485	1,056
Michigan .....	2,340	2,410	2,400	5,914	4,989	5,141
Minnesota .....	2,100	1,970	2,330	5,523	4,559	4,883
Nebraska .....	2,260	2,440	2,300	3,597	2,780	2,486
North Dakota .....	1,630	1,030	1,840	12,794	6,336	10,308
Washington .....	2,800	2,770	2,620	1,064	1,090	699
Wyoming .....	2,170	2,410	2,130	509	381	319
United States .....	1,962	1,702	2,113	32,665	22,587	25,847

<sup>1</sup> Clean basis.

See the [2022 Annual Crop Production Summary](#) for info on each type of Dry Edible Beans





# Noteworthy Items

- Yellow beans should be recorded as “other.”
- Some WY producers report in bushels, but generally report in pounds/acre.
- Most CO producers report in pounds/acre, or “100-lb sacks/acre” (hundredweight). Possibly even in “50-lb sacks/acre”.
- Enumerator comments regarding yields and type of bean are always extremely helpful and appreciated.

# In Conclusion:

- Asking about 2023 acreage, production, and price received (select states)
  - By class of bean
- Be sure to leave a comment explaining any unusual situations or data
- Comments are always appreciated!
  - This is a specialty crop with localized production
    - “Extra” information you capture is key to good estimates
- Any questions?

# Dry Bean Survey – Extra Info

Screening: If someone indicates that they are not growing dry beans this year, especially if they are a dry bean grower with significant historical acreage, it will be important to know what that operation's future intentions for growing dry beans are, and what other agricultural activities take place on the operation so we can update our records.



## Acreage and Production by Class:

It is important the dry beans acres, both planted and harvested, are broken down by class. If the operator cannot give you acreage by class, provide the total acres and write a comment with an approximate percentage of each class planted.

Production must be reported in Clean Pounds. If some other unit is provided, please leave a note explaining what the unit is so that a conversion may be made by a Stat at a later point.

- The goal is to publish “clean” production. To that end, if the operator provides production in unclean units, try to get the “Pick Rate” for each class of dry beans. The Pick Rate refers to the percentage, by weight, of defective beans including splits, checked seed coats, discolored beans, misshapen, contrasting types, and foreign material that remains after dockage

- Harvested Acres cannot be greater than planted acres.
- If the respondent answers the first screening question with “YES”, then they cannot have zero acres of dry beans planted.
- For most operations, planted acres should be less than 1,000 for any individual class and less than 1,500 acres total.
- Harvested acres should be at least half of the planted acres.
- If harvested acres are positive, then production should be positive.
- Yields should calculate to be between 400 and 4000 lbs. per acre.
- Prices are normally between \$0.20-\$0.60 per pound, but could be a little higher this year.

