



How are your berries? 2016

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U.S. Geological Survey

What affects berry production?

Timing of snow melt

Winter snow cover

Spring precipitation

Coastal flooding

Spring temperatures

Invasive species

Permafrost loss

Summer precipitation

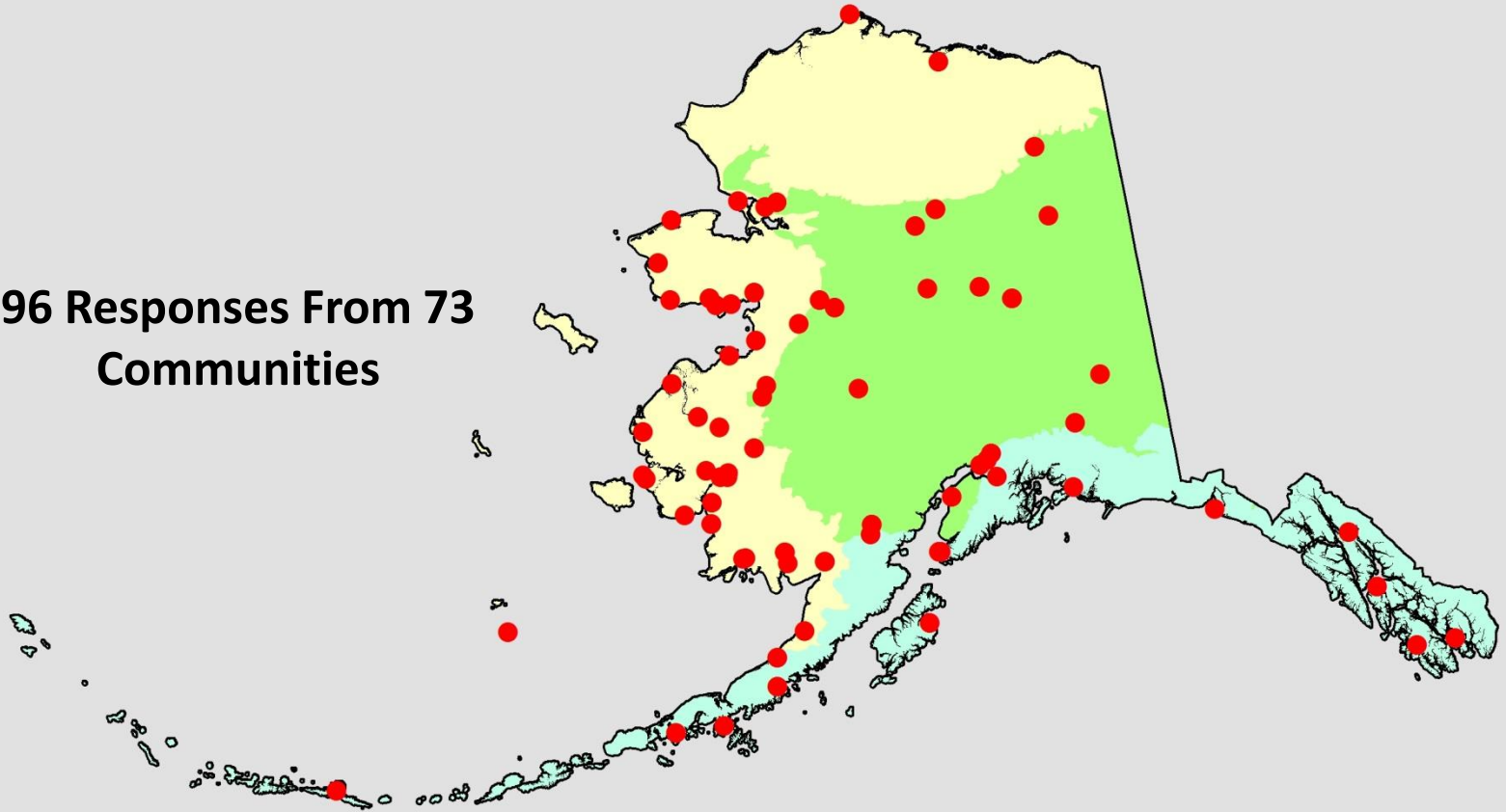
Wind during
pollination

Summer temperatures



LEO Berry Survey in 2014

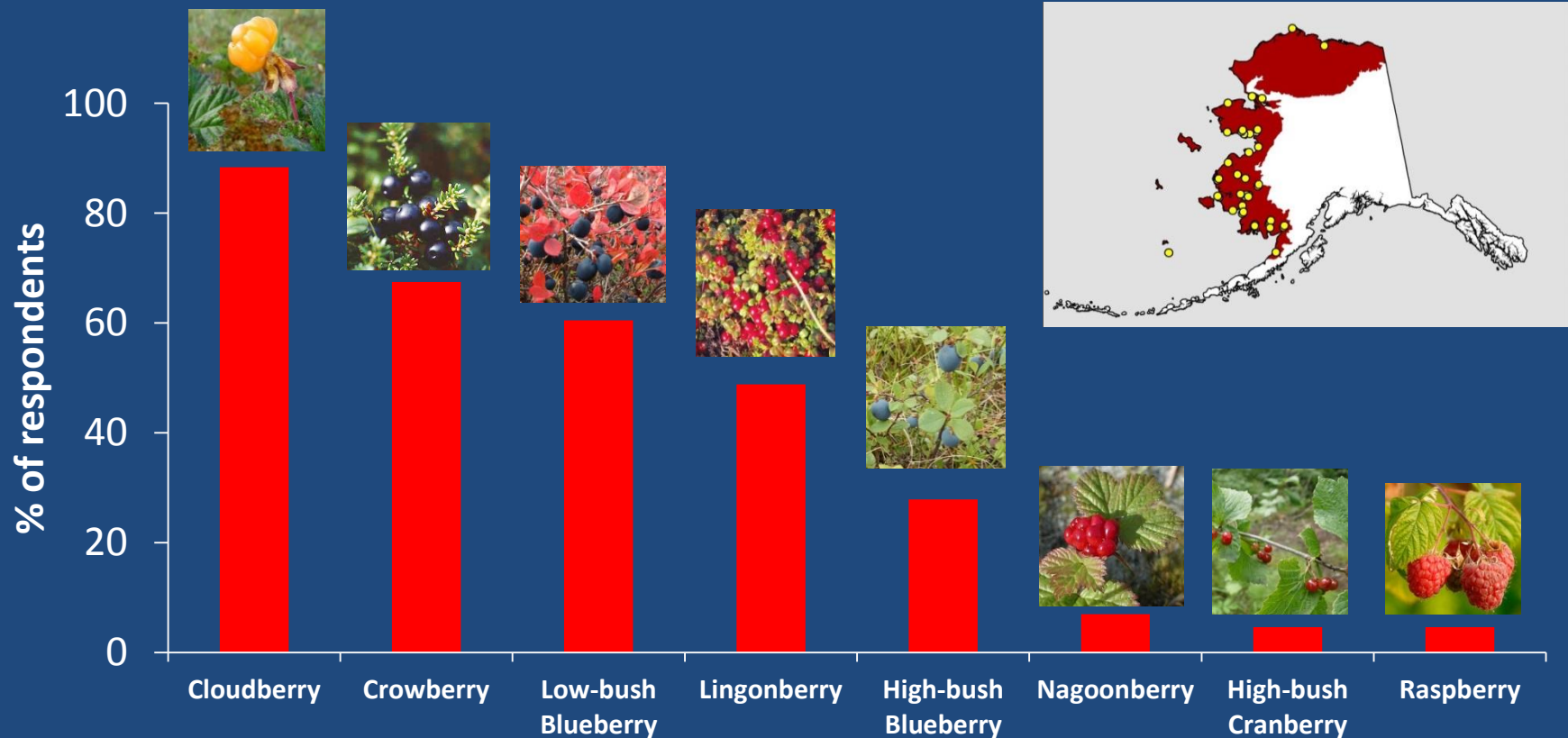
**96 Responses From 73
Communities**



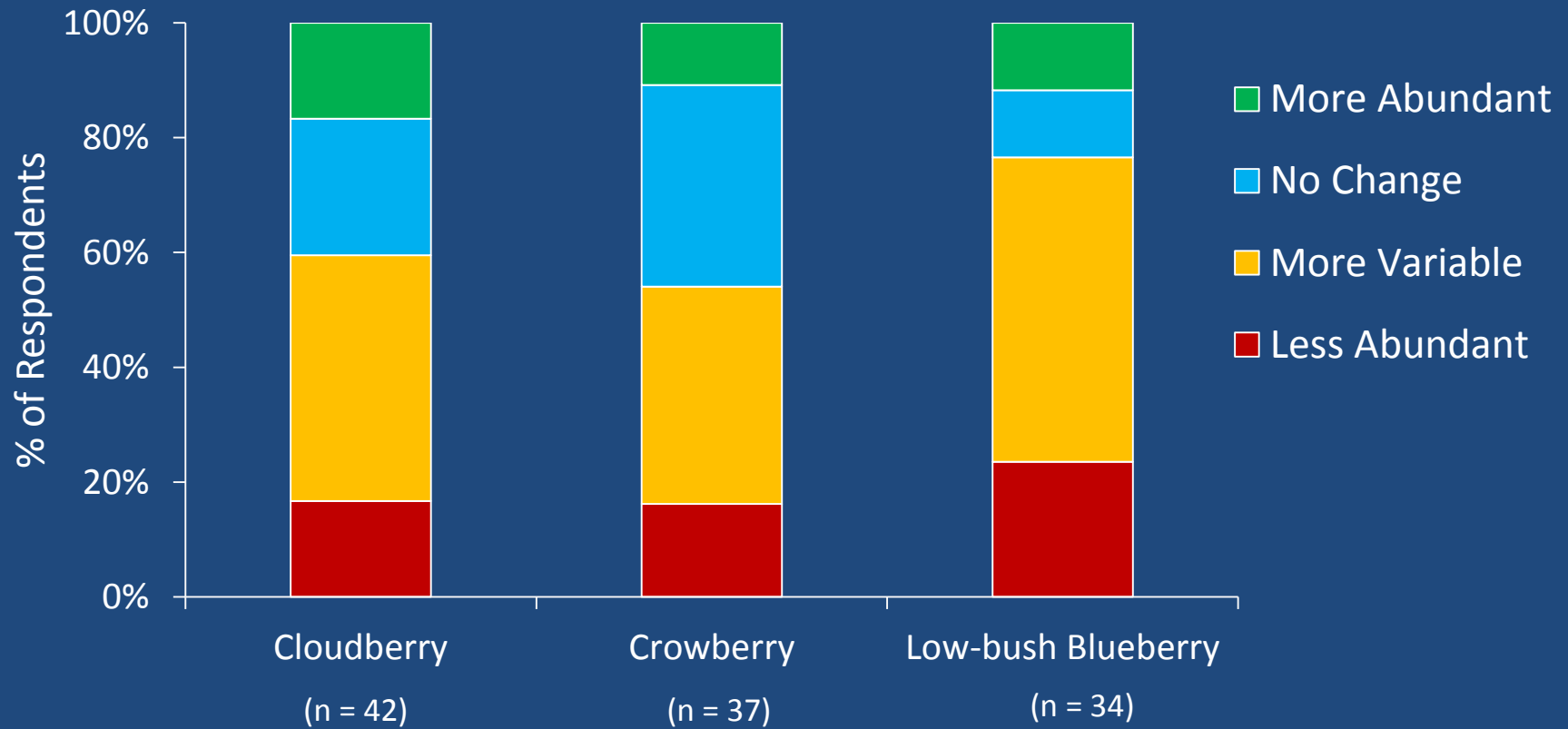
2014 Survey

Berries Identified as Very Important to Communities in the Polar Ecoregion

43 Responses from 34 communities



Polar Ecoregion





How are your berries annual survey

- Online survey.
- Ask about your harvest of seven berries in and conditions that affected harvest.
- Did you get as many berries as you wanted?



How are your berries annual survey

- Look for patterns common to regions or berries.
- Raise awareness of the importance of wild foods for rural Alaska.
- Plan for food security.
- Guide future research.

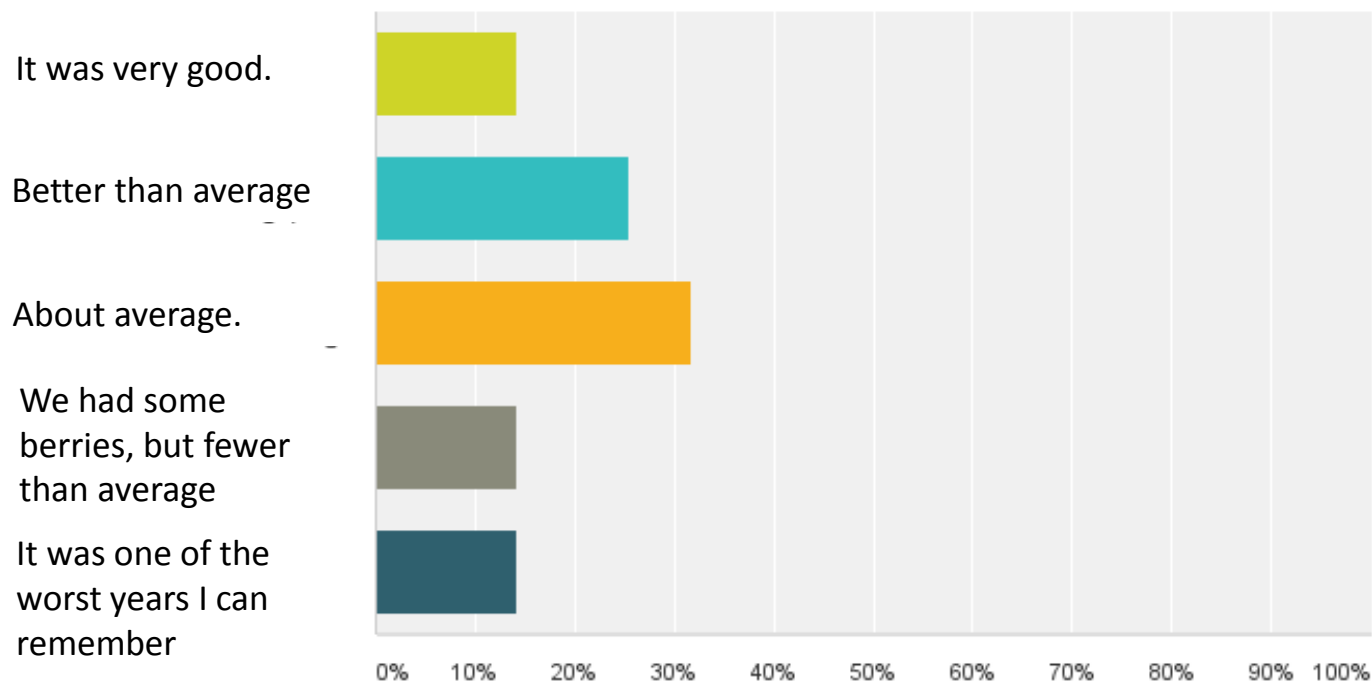


Low-bush (Bog) Blueberry
Distribution (in blue)



Q12 How was your harvest of this berry in 2015?

Answered: 63 Skipped: 9



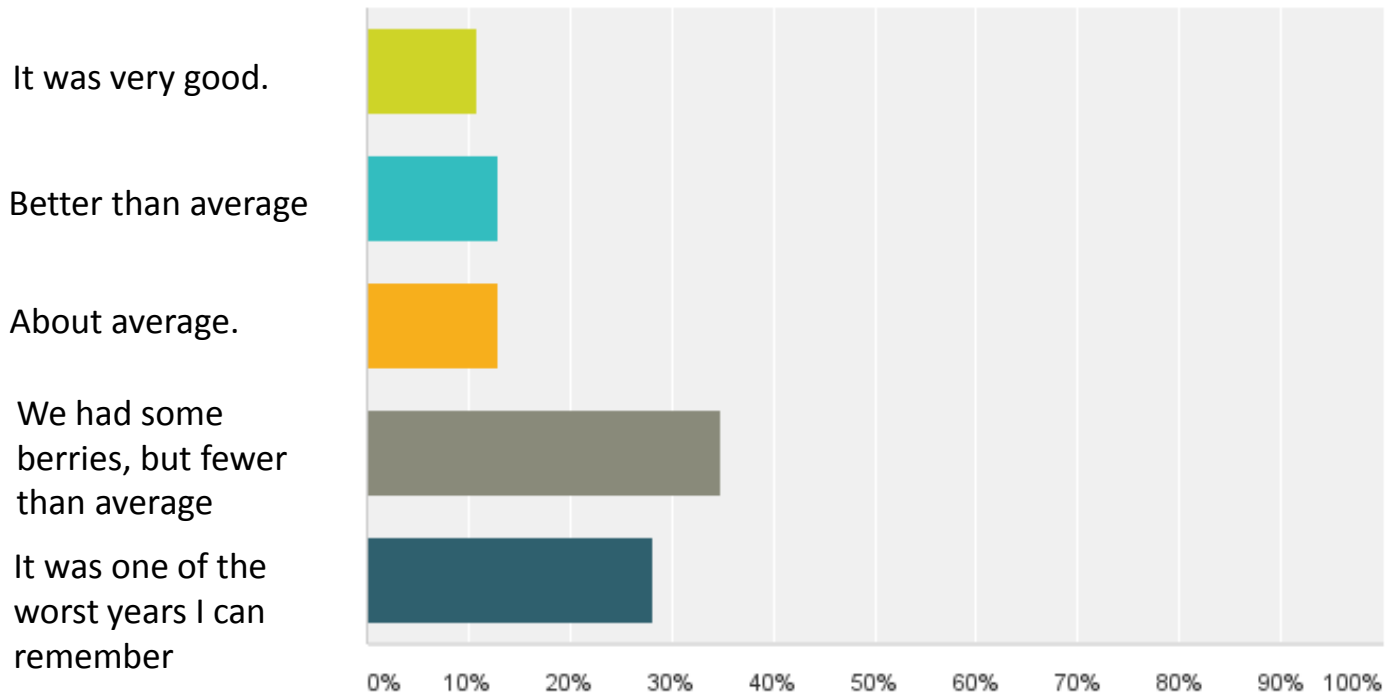


Cloudberry (Salmonberry)
Distribution (in blue)



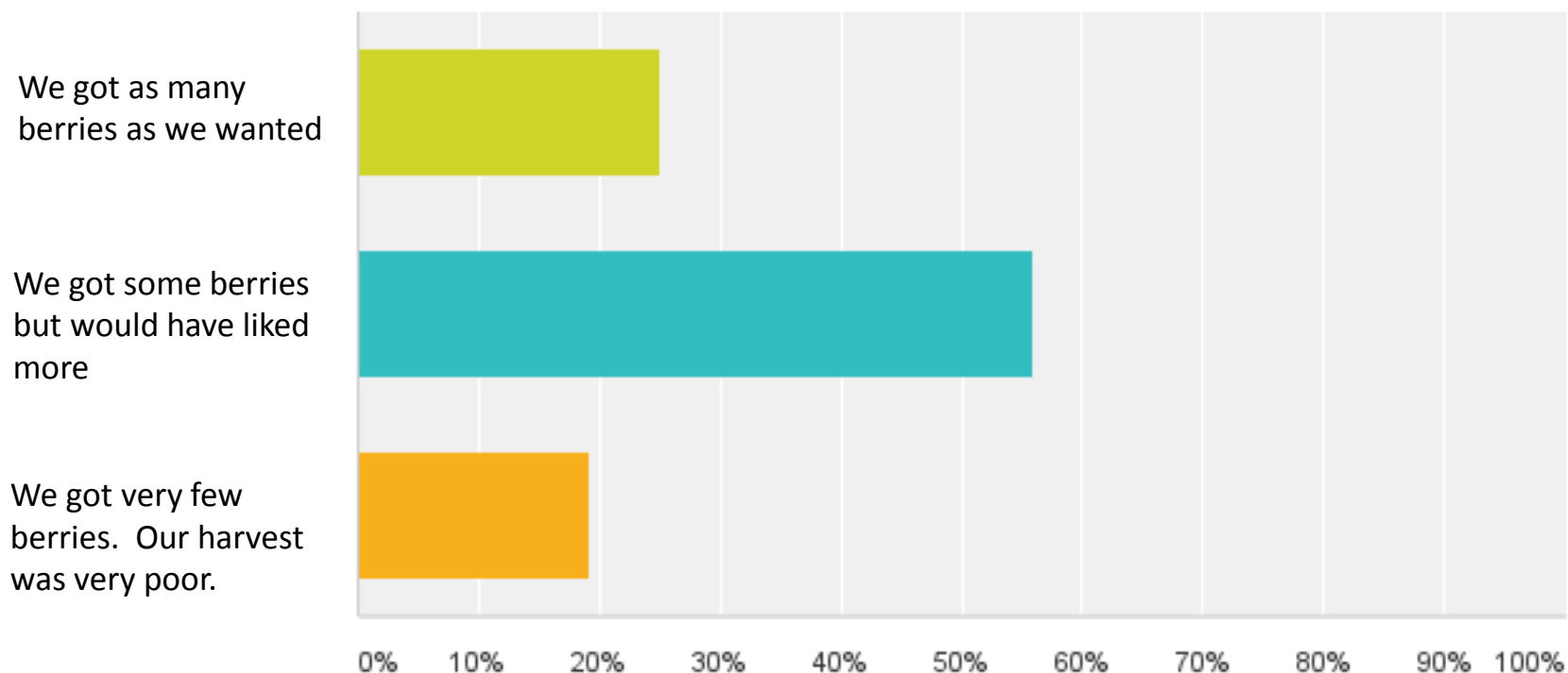
Q9 How was your harvest of this berry in 2015?

Answered: 46 Skipped: 26



Q26 For all types of berries combined, how would you describe your berry harvest in 2015?

85 responses in 2015





How were your berries in 2016?

- Online survey.
- <https://www.surveymonkey.com/r/33LG57W>
- Name, where you live, how long you've lived there.

Cloudberry

Other names: Salmonberry, Naunraq (Yup'ik), Aqpik (Inupiaq)

How does this berry grow: It is close to the ground, usually in tundra and bog. There is a single berry on the plant. Its color can vary from orange to red.

Scientific name: *Rubus chamaemorus*



***Did you pick this berry in 2016?**

- ☐ Yes
- ☐ No
- ☐ We tried to, but there weren't enough to pick

Cloudberry



*How was your harvest of this berry in 2016?

- It was very good. It was one of the best years that I can remember
- Better than average, but not as good as some years
- It was about average
- We had some berries, but fewer than average
- There were hardly any berries. It was one of the worst years that I can remember

Do you have any other observations for this berry that you would like to share?

Low-bush Cranberry



Low-bush Blueberry



High-bush Blueberry



Crowberry



Raspberry



Salmonberry





How was your berry harvest in 2016?

- We got as many berries as we wanted.
- We got some berries, but would have liked more.
- We got very few berries. Our harvest was very poor.



How was your berry harvest in 2016?

- <https://www.surveymonkey.com/r/33LG57W>
- Post your berry observations in LEO
- Follow the berry project on the LEO homepage.

Thanks!

