



Indiana Ginseng

Annual Report

2018-19 Harvest/Trade Season

Indiana Department of Natural Resources Division of Nature Preserves
402 W. Washington St., Room W267 • Indianapolis IN 46204-2739
(317) 232-0207

Annual Report of Indiana Ginseng Dealings: 2018-19 Harvest and Sale Season

There was a total of **3654 lbs.** and **10.71 oz.** of wild ginseng certified in Indiana this year, no cultivated ginseng was reported. This season, Indiana had a total of 19 dealers.

It seems that, based on comparison between years, 2017 was a low point because the harvest this year has increased by nearly 400 pounds. We believe this is due to better weather conditions, but have not tracked the two years officially. This increase is in spite of a rather significant drop in dealers (5).

The overall economy has remained solid keeping some harvesters employed. The average price per pound was \$648.75

FINDINGS:

Present abundance of wild ginseng rating was based on this scale:

| | |
|----------------|-------------------|
| 0 = Absent | No Activity |
| 1 = Rare | Under 1 lb. |
| 2 = Occasional | 1 lb. to 150 lbs. |
| 3 = Frequent | Over 150 lbs. |

At the end of the 2018 harvest season, only 11 Indiana counties reported no activity; of these, 5 reported a decrease from last year; 48 counties reported an increased harvest of ginseng, 37 counties reported a decrease and one had exactly the same harvest.

Trend data requested in wild ginseng population considers the comparison of the 2017 harvest season and this current 2018 season:

| | |
|-----------------|---|
| -2 = extirpated | 0 lbs. of wild ginseng harvested 2 years in a row |
| -1 = decreasing | decrease of more than 50 lbs. of wild ginseng since previous year |
| 0 = stable | within 50 lbs. of previous harvest of wild ginseng |
| +1 = increasing | 50 or more lbs. of wild ginseng harvested over last season |

5 of Indiana's 92 counties reported a positive trend in harvest while only 1 showed a negative trend, the balance of the counties showed a stable harvest.

Again this year's root count remained steady at 309 roots per pound. Indiana generally produces smaller high quality root for apothecary use, not the larger boutique roots used for expensive gifting.

Growing conditions continue to be the driving force behind the harvest figures, not the species abundance. This continues to be relatively predictable. We continue to find no evidence indicating detriment to ginseng population in Indiana and recommend continuing the harvest under the current rules and regulations.

Laura Minzes, Indiana Ginseng Coordinator
July 25, 2019

**INDIANA
CITES EXPORT PROGRAM
GINSENG TREND DATA SHEET FOR 2018 HARVEST**

| County of origin | lbs. wild ginseng harvested (dry weight) | oz | Present abundance of wild ginseng* (0, 1, 2, 3) | Current trend in wild ginseng populations** (-2, -1, 0, +1) |
|------------------|--|-------|---|---|
| Adams | 0 | 0.00 | 0 | 0 |
| Allen | | 5.12 | 1 | 0 |
| Bartholomew | 5 | 7.50 | 2 | 0 |
| Benton | 1 | 1.00 | 2 | 0 |
| Blackford | 1 | 1.00 | 2 | 0 |
| Boone | | 11.00 | 1 | 0 |
| Brown | 42 | 6.28 | 2 | -1 |
| Carroll | 4 | 10.84 | 2 | 0 |
| Cass | 18 | 9.20 | 2 | 0 |
| Clark | 17 | 13.96 | 2 | 0 |
| Clay | 89 | 10.90 | 2 | 0 |
| Clinton | | 11.00 | 1 | 0 |
| Crawford | 87 | 0.24 | 2 | 0 |
| Daviess | 24 | 15.97 | 2 | 0 |
| Dearborn | 42 | 9.50 | 2 | 0 |
| Decatur | 48 | 5.88 | 2 | 0 |
| DeKalb | 3 | 1.00 | 2 | 0 |
| Delaware | 12 | 5.58 | 2 | 0 |
| Dubois | 19 | 2.25 | 2 | 0 |
| Elkhart | 6 | 11.00 | 2 | 0 |
| Fayette | 29 | 0.00 | 2 | 0 |
| Floyd | 23 | 4.50 | 2 | 0 |
| Fountain | 46 | 14.88 | 2 | 0 |
| Franklin | 269 | 10.00 | 3 | 0 |
| Fulton | 8 | 8.00 | 2 | 0 |
| Gibson | 25 | 15.00 | 2 | 0 |
| Grant | 2 | 6.00 | 2 | 0 |
| Greene | 189 | 12.98 | 3 | +1 |
| Hamilton | 0 | 0.00 | 0 | 0 |
| Hancock | 0 | 0.00 | 0 | 0 |
| Harrison | 230 | 10.54 | 3 | +1 |
| Hendricks | 3 | 6.36 | 2 | 0 |
| Henry | 2 | 6.00 | 2 | 0 |
| Howard | 0 | 0.00 | 0 | 0 |
| Huntington | 7 | 12.08 | 2 | 0 |
| Jackson | 38 | 10.12 | 2 | 0 |
| Jasper | | 5.12 | 1 | 0 |
| Jay | 0 | 0.00 | 0 | 0 |
| Jefferson | 10 | 7.00 | 2 | 0 |
| Jennings | 78 | 9.00 | 2 | 0 |
| Johnson | 4 | 6.12 | 2 | 0 |
| Knox | 23 | 15.37 | 2 | 0 |
| Kosciusko | 13 | 6.24 | 2 | 0 |
| Lagrange | 9 | 4.00 | 2 | 0 |
| Lake | | 3.00 | 1 | 0 |
| LaPorte | 22 | 6.00 | 2 | 0 |
| Lawrence | 216 | 7.38 | 3 | 0 |
| Madison | 2 | 9.00 | 1 | 0 |

| | | |
|----------------------|----------------|--------------|
| column 1 | 1666.00 | 333.90 |
| column 2 | 1948.00 | 316.81 |
| | 3614.00 | 650.71 |
| Total Dry WGT | 3654.00 | 10.71 |

| County of origin | lbs. wild ginseng harvested (dry weight) | oz | Present abundance of wild ginseng* (0, 1, 2, 3) | Current trend in wild ginseng populations** (-2, -1, 0, +1) |
|------------------|--|-------|---|---|
| Marion | | 7.00 | 1 | 0 |
| Marshall | 44 | 13.12 | 2 | 0 |
| Martin | 77 | 7.71 | 2 | 0 |
| Miami | 3 | 10.24 | 2 | 0 |
| Monroe | 160 | 3.46 | 3 | +1 |
| Montgomery | 24 | 6.92 | 2 | 0 |
| Morgan | 180 | 11.60 | 3 | 0 |
| Newton | 0 | 0.00 | 0 | 0 |
| Noble | 5 | 2.96 | 2 | 0 |
| Ohio | 3 | 11.50 | 2 | 0 |
| Orange | 103 | 7.80 | 2 | 0 |
| Owen | 202 | 4.78 | 3 | 0 |
| Parke | 187 | 15.88 | 3 | +1 |
| Perry | 32 | 10.00 | 2 | 0 |
| Pike | 17 | 11.50 | 2 | 0 |
| Porter | 0 | 0.00 | 0 | 0 |
| Posey | 14 | 3.50 | 2 | 0 |
| Pulaski | 6 | 8.44 | 2 | 0 |
| Putnam | 189 | 9.68 | 3 | +1 |
| Randolph | 0 | 0.00 | 0 | 0 |
| Ripley | 139 | 1.50 | 2 | 0 |
| Rush | 2 | 10.00 | 2 | 0 |
| Saint Joseph | 2 | 14.08 | 2 | 0 |
| Scott | 6 | 6.58 | 2 | 0 |
| Shelby | 0 | 0.00 | 0 | 0 |
| Spencer | 5 | 5.25 | 2 | 0 |
| Starke | | 10.24 | 1 | 0 |
| Steuben | 0 | 0.00 | 0 | 0 |
| Sullivan | 35 | 8.50 | 2 | 0 |
| Switzerland | 6 | 10.50 | 2 | 0 |
| Tiptecanoe | 37 | 7.62 | 2 | 0 |
| Tipton | 0 | 0.00 | 0 | 0 |
| Union | 20 | 3.00 | 2 | 0 |
| Vanderburgh | 23 | 12.75 | 2 | 0 |
| Vermillion | 34 | 13.80 | 2 | 0 |
| Vigo | 54 | 13.96 | 2 | 0 |
| Wabash | 4 | 9.12 | 2 | 0 |
| Warren | 48 | 12.84 | 2 | 0 |
| Warrick | 12 | 4.25 | 2 | 0 |
| Washington | 235 | 8.57 | 3 | 0 |
| Wayne | 23 | 10.00 | 2 | 0 |
| Wells | 0 | 0.00 | 0 | 0 |
| White | 9 | 0.96 | 2 | 0 |
| Whitley | 8 | 7.20 | 2 | 0 |

1948.00 316.810

*Present abundance of ginseng:
0=absent, 1=rare, 2 occurring, 3=frequent
**Trend in wild ginseng populations:
-2=extirpated, -1=decreasing, 0=stable, +1=increasing

Data Verified - L Minzes & G Riggs
7/26/2019

SUBSTITUTE for Form 3-200-61



Department of the Interior
U.S. Fish and Wildlife Service
CITES EXPORT PROGRAMS

Return to: U.S. Fish and Wildlife Service
Division of Management Authority (DMA)
Branch of Permits, MS: IA
5275 Leesburg Pike
Falls Church, VA 22041-3803
1-800-358-2104 or 703-358-2104

Type of Activity: American Ginseng Export Program (CITES)
STATE OR TRIBE:
HARVEST YEAR:
PREPARED BY:

If the information requested has not changed from last year, please indicate "No Change."

Below, please provide the amount of ginseng harvested.

| SOURCE OF GINSENG | HARVESTED (lbs.) | CERTIFIED (lbs.) | ESTIMATED NUMBER OF ROOTS PER POUND |
|--|------------------|------------------|-------------------------------------|
| WILD | | | |
| WILD SIMULATED (not reported as wild) | | | |
| ARTIFICIALLY PROPAGATED (as defined under 50 CFR 23.64) | | | |

1. Program administered by (Department or Agency name):
2. Ginseng certification by (Department or Agency name):
3. Has the State or State's enabling legislation, ginseng regulations or ginseng certification form been modified in the last year? If yes, please provide a copy. NO
4. Does the State or Tribal agency certify all wild ginseng harvested? If no, when would the agency not certify wild ginseng harvested in the State or on Tribal lands, and can uncertified ginseng be sold or transported outside the State or Tribe?
5. Does the State or Tribal agency certify all artificially propagated ginseng harvested? If no, when would the agency not certify artificially propagated ginseng harvested in the State or on Tribal lands? Can uncertified ginseng be sold or transported outside the State or Tribe?
6. When does the State or Tribal agency certify wild/artificially propagated ginseng (e.g., at time of harvest, at time of sale)?
7. How does the State or Tribal agency handle wild/artificially propagated ginseng entering the State or Tribe from another State or Tribe? Is this procedure the same for both certified (by another State or Tribe) and uncertified ginseng?

8. Do all resident and non-resident individuals and companies dealing in (i.e., buying or selling) ginseng in the State or Tribe have to be registered or licensed? If no, please explain.

9. Can wild and/or artificially propagated ginseng be sold at any time during the year?

10. How often are dealers required to report the sale, purchase or export of ginseng (e.g., monthly, quarterly)?

11. Does the State or Tribe track unsold and/or un-exported ginseng from one season or one year to the next? Please explain.

12. What is the wild ginseng harvest season in the State or Tribe?

13. Does the State or Tribe have a harvest season for artificially propagated ginseng? If so, what is it?

14. Within the wild and artificially propagated ginseng categories reported above, are there other sub-categories of ginseng production that are tracked by the State or Tribe? If so, please describe each sub-category (e.g., woods grown, wild simulated) and, if available, what quantities have been harvested and certified in the last year?

15. Is there a minimum allowable size/age for the harvest of wild and/or artificially propagated ginseng in the State or Tribe?

16. Is the harvest of wild ginseng allowed on State or Tribal lands?

17. Does the State or Tribe require ginseng diggers to be licensed?

18. Does the State or Tribe require ginseng diggers to have written permission from private landowners before harvesting? Do dealers need to supply copies of such written permission when having ginseng certified?

19. Please provide the average age of wild-harvested ginseng in the State or on Tribal lands?

20. Please provide an estimate of the average number of roots per pound (dry weight) of wild ginseng harvested in the State or on Tribal lands for the last harvest season, and describe the methodology used to calculate the estimate.

21. Does the State or Tribe require or encourage diggers to plant seeds from harvested wild ginseng plants at the site of harvest? If so, please describe any guidelines provided. Does the State or Tribe allow diggers to plant ginseng seeds from other sources (e.g., commercial sources)? Based on the best available information, what is the effect of the current harvest level of American ginseng in the State or on Tribal lands on the wild population?(e.g., positive, negative, no impact)

22. Please provide an assessment of the status of ginseng in the State or on Tribal lands (i.e., stable, increasing, declining). If population levels are increasing or declining, please provide the State or Tribe's professional assessment of the reason for the change and any steps being taken to address declining populations.

23. On a separate sheet of paper, please provide a brief description of any research, including ginseng population monitoring, being conducted in your State or Tribe on American ginseng.

24. Please provide details of any ginseng-related violations found and/or prosecuted in the State or on Tribal lands during the last year.

**Indiana
Ginseng Comparison**

July-19

| Date of Season | Number of Dealers | Type | Pounds | Ounces | Average number of roots per pound: | Dollars per pound: |
|----------------|-------------------|-------|----------|----------|------------------------------------|--------------------|
| 2018-19 | 17 | wild | 3186 | 8.15 | 311 (dry only) | \$450.00 |
| | | green | 468 | 2.56 | converted dry weight | start 325 end 625 |
| 2017-18 | 24 | wild | 2889 | 7.4 | 311 (dry only) | \$450.00 |
| | | green | 392** | 15.92 ** | **converted dry weight | start 325 end 625 |
| 2016-17 | 26 | wild | 3185 | 1.4 | 301 (dry only) | \$390.00 |
| | | green | 731** | 14.08 ** | **converted dry weight | |
| 2015-16 | 29 | wild | 5609 | 12.92 | 277 | \$500.00* |
| | | green | 521* wet | 2 | | start 600 end 400 |
| 2014-15 | 27 | wild | 7831 | 8.39 | 298 | \$500.00* |
| 2013-14 | 27 | wild | 4822 | 7.17 | 352.5 | \$800.00 |
| 2012-13 | 28 | wild | 1946 | 7.84 | 325 | \$675.00 |
| 2011-12 | 29 | wild | 3477 | 3.7 | 331 | \$425.00 |
| | | green | 54 | 5 | | |
| 2010-11 | 29 | wild | 3940 | 5 | 528 | \$600-\$250 |
| 2009-10 | 29 | wild | 7137 | 6.88 | 441 | \$400.00 |
| 2008-09 | 35 | wild | 4623 | 1.16 | 318 | \$250.00 |
| 2007-08 | 30 | wild | 3888 | 2 | 430 | \$585.83 |
| 2006-07 | 26 | wild | 5096 | 12.25 | 488 | \$396.67 |
| 2005-06 | 29 | wild | 4,923 | 1 | 373 | \$289.68 |
| 2004-05 | 31 | wild | 4,819 | 0 | 426 | \$261.40 |
| | | green | - | - | | |
| 2003-04 | 34 | wild | 6,915 | 5 | 323 | \$284.00 |
| | | green | - | - | | |
| 2002-03 | 42 | wild | 3,192 | 5 | 351 | \$325.00 |
| | | green | 1 | - | | |
| 2001-02 | 52 | wild | 7,047 | 11 | 335 | \$213.00 |
| | | green | 1 | - | | |
| 2000-01 | 51 | wild | 6,273 | 6.5 | 229 | \$300.00 |
| | | green | - | - | | |
| 1999-00 | 53 | wild | 3,433 | 5 | 378 | \$395.00 |
| | | green | 20 | 1 | | |
| 1998-99 | 42 | wild | 4,693 | 11 | 461 | \$240.00 |
| | | green | - | - | | |
| 1997-98 | 55 | wild | 9,044 | 2 | 377 | \$250.00 |
| | | green | 1 | - | | |

INDIANA
CITES EXPORT PROGRAM
GINSENG DATA SHEET FOR 2018 HARVEST

ADDENDUM 1 - DRY Ginseng County Totals

| County of origin | lbs. wild ginseng harvested (dry weight) | oz | | |
|------------------|--|--------|--|--|
| Adams | 0 | 0 | | |
| Allen | 0 | 0 | | |
| Bartholome | 5 | 7.5 | | |
| Benton | 1 | 1 | | |
| Blackford | 1 | 1 | | |
| Boone | 0 | 11 | | |
| Brown | 36 | 5 | | |
| Carroll | 1 | 23 | | |
| Cass | 15 | 6 | | |
| Clark | 15 | 5 | | |
| Clay | 82 | 15.375 | | |
| Clinton | 0 | 11 | | |
| Crawford | 86 | 6 | | |
| Daviess | 23 | 1.25 | | |
| Dearborn | 42 | 9.5 | | |
| Decatur | 48 | 5.875 | | |
| DeKalb | 3 | 1 | | |
| Delaware | 9 | 7.5 | | |
| Dubois | 19 | 2.25 | | |
| Elkhart | 6 | 11 | | |
| Fayette | 29 | 0 | | |
| Floyd | 23 | 4.5 | | |
| Fountain | 39 | 4 | | |
| Franklin | 269 | 10 | | |
| Fulton | 8 | 8 | | |
| Gibson | 25 | 15 | | |
| Grant | 2 | 6 | | |
| Greene | 156 | 8.5 | | |
| Hamilton | 0 | 0 | | |
| Hancock | 0 | 0 | | |
| Harrison | 201 | 3.5 | | |
| Hendricks | 2 | 7 | | |
| Henry | 2 | 6 | | |
| Howard | 0 | 0 | | |
| Huntington | 4 | 14 | | |
| Jackson | 30 | 5 | | |
| Jasper | 0 | 0 | | |
| Jay | 0 | 0 | | |
| Jefferson | 10 | 7 | | |
| Jennings | 78 | 9 | | |
| Johnson | 4 | 1 | | |
| Knox | 23 | 10.25 | | |
| Kosciusko | 4 | 12 | | |
| Lagrange | 9 | 4 | | |
| Lake | 0 | 3 | | |
| LaPorte | 22 | 6 | | |
| Lawrence | 184 | 12.5 | | |
| Madison | 2 | 9 | | |

| County of origin | lbs. wild ginseng harvested (dry weight) | oz | | |
|------------------|--|-------|--|--|
| Marion | 0 | 7 | | |
| Marshall | 36 | 8 | | |
| Martin | 74 | 14.75 | | |
| Miami | 3 | 0 | | |
| Monroe | 133 | 10.5 | | |
| Montgome | 11 | 5 | | |
| Morgan | 171 | 2 | | |
| Newton | 0 | 0 | | |
| Noble | 2 | 10 | | |
| Ohio | 3 | 11.5 | | |
| Orange | 98 | 11 | | |
| Owen | 164 | 3.5 | | |
| Parke | 172 | 5 | | |
| Perry | 32 | 10 | | |
| Pike | 17 | 11.5 | | |
| Porter | 0 | 0 | | |
| Posey | 14 | 3.5 | | |
| Pulaski | 2 | 11 | | |
| Putnam | 189 | 4.56 | | |
| Randolph | 0 | 0 | | |
| Ripley | 139 | 1.5 | | |
| Rush | 2 | 10 | | |
| Saint Jose | 0 | 0 | | |
| Scott | 3 | 8.5 | | |
| Shelby | 0 | 0 | | |
| Spencer | 5 | 5.25 | | |
| Starke | 0 | 0 | | |
| Steuben | 0 | 0 | | |
| Sullivan | 35 | 8.5 | | |
| Switzerland | 6 | 10.5 | | |
| Tippecano | 37 | 2.5 | | |
| Tipton | 0 | 0 | | |
| Union | 20 | 3 | | |
| Vanderburg | 23 | 12.75 | | |
| Vermillion | 14 | 1 | | |
| Vigo | 52 | 5 | | |
| Wabash | 4 | 4 | | |
| Warren | 48 | 12.84 | | |
| Warrick | 12 | 4.25 | | |
| Washingto | 80 | 0.25 | | |
| Wayne | 23 | 10 | | |
| Wells | 0 | 0 | | |
| White | 6 | 8 | | |
| Whitley | 5 | 4 | | |

INDIANA
CITES EXPORT PROGRAM
GINSENG DATA SHEET FOR 2018 HARVEST

ADDENDUM 2 - FRESH (wet weight) Ginseng County Totals

| County of origin | lbs. wild ginseng harvested (wet weight) | oz | | |
|------------------|--|------|--|--|
| Adams | 0 | 0 | | |
| Allen | 1 | 0 | | |
| Bartholome | 0 | 0 | | |
| Benton | 0 | 0 | | |
| Blackford | 0 | 0 | | |
| Boone | 0 | 0 | | |
| Brown | 19 | 5.5 | | |
| Carroll | 7 | 4 | | |
| Cass | 10 | 12 | | |
| Clark | 8 | 4 | | |
| Clay | 21 | 8.5 | | |
| Clinton | 0 | 0 | | |
| Crawford | 2 | 4 | | |
| Daviess | 6 | 8.5 | | |
| Dearborn | 0 | 0 | | |
| Decatur | 0 | 0 | | |
| DeKalb | 0 | 0 | | |
| Delaware | 9 | 4 | | |
| Dubois | 0 | 0 | | |
| Elkhart | 0 | 0 | | |
| Fayette | 0 | 0 | | |
| Floyd | 0 | 8 | | |
| Fountain | 24 | 0 | | |
| Franklin | 0 | 0 | | |
| Fulton | 0 | 0 | | |
| Gibson | 0 | 0 | | |
| Grant | 0 | 0 | | |
| Greene | 104 | 9 | | |
| Hamilton | 0 | 0 | | |
| Hancock | 0 | 0 | | |
| Harrison | 92 | 15 | | |
| Hendricks | 3 | 1.5 | | |
| Henry | 0 | 0 | | |
| Howard | 0 | 0 | | |
| Huntington | 9 | 8 | | |
| Jackson | 26 | 7.5 | | |
| Jasper | 1 | 4 | | |
| Jay | 0 | 0 | | |
| Jefferson | 0 | 0 | | |
| Jennings | 0 | 0 | | |
| Johnson | 1 | 1 | | |
| Knox | 1 | 0 | | |
| Kosciusko | 27 | 4 | | |
| Lagrange | 0 | 0 | | |
| Lake | 0 | 0 | | |
| LaPorte | 0 | 0 | | |
| Lawrence | 99 | 12.5 | | |
| Madison | 0 | 0 | | |

| County of origin | lbs. wild ginseng harvested (wet weight) | oz | | |
|------------------|--|-------|--|--|
| Marion | 0 | 0 | | |
| Marshall | 26 | 15 | | |
| Martin | 8 | 7 | | |
| Miami | 2 | 4 | | |
| Monroe | 83 | 1 | | |
| Montgome | 41 | 15 | | |
| Morgan | 30 | 2.5 | | |
| Newton | 0 | 0 | | |
| Noble | 8 | 8 | | |
| Ohio | 0 | 0 | | |
| Orange | 15 | 10.25 | | |
| Owen | 119 | 10 | | |
| Parke | 49 | 13 | | |
| Perry | 0 | 0 | | |
| Pike | 0 | 0 | | |
| Porter | 0 | 0 | | |
| Posey | 0 | 0 | | |
| Pulaski | 12 | 0 | | |
| Putnam | 1 | 9 | | |
| Randolph | 0 | 0 | | |
| Ripley | 0 | 0 | | |
| Rush | 0 | 0 | | |
| Saint Jose | 9 | 10 | | |
| Scott | 9 | 8.25 | | |
| Shelby | 0 | 0 | | |
| Spencer | 0 | 0 | | |
| Starke | 2 | 4 | | |
| Steuben | 0 | 0 | | |
| Sullivan | 0 | 0 | | |
| Switzerland | 0 | 0 | | |
| Tippecano | 1 | 11 | | |
| Tipton | 0 | 0 | | |
| Union | 0 | 0 | | |
| Vanderburg | 0 | 0 | | |
| Vermillion | 65 | 1 | | |
| Vigo | 8 | 3 | | |
| Wabash | 1 | 8 | | |
| Warren | 0 | 0 | | |
| Warrick | 0 | 0 | | |
| Washingto | 486 | 0 | | |
| Wayne | 0 | 0 | | |
| Wells | 0 | 0 | | |
| White | 8 | 6 | | |
| Whitley | 10 | 12 | | |