

# \* Indiana Ginseng \* Annual Report







Indiana Department of Natural Resources Division of Nature Preserves 402 W. Washington St., Rm W267 fax: 317-233-0133

### **Annual Report of Indiana Ginseng Dealings:**

#### 2020-21 Harvest and Sale Season

There was a total of **2,502 lbs.** and **9 oz.** of wild ginseng certified in Indiana this year and just 1 pound of cultivated ginseng was reported. Of this, 1836 lbs, 14 oz. was dry and 665 lbs, 5 oz. (converted dry) was wet/green. Gross wet/green weight was 2080 lbs. 5 oz.(which is the second highest amount since we started tracking green/wet separately). This season, Indiana had a total of 17 dealers.

Based on comparison between years, 2020 was down in harvest trends as well as in harvest numbers, including roots per pound. We believe this is due to a variety of reasons: the erratic nature of the business brought on by the COVID -19 pandemic; the loss of one dealer in a key area of the state (NW); the institution of many changes in Ginseng Administration which help eliminate duplication and multiple hand entries by both dealers and administrators alike; and finally, weather conditions because it is appearing in nearly all counties along with root counts, but we have not compared the weather officially over the two years. The challenges of COVID-19 had the season starting off quite erratically but levelling out and ending relatively strong. Sales at the beginning of the season were extremely heavy as evidenced by the second highest green/wet sales we have ever had. The average price per pound was \$600.00 at mid-season point (October), which is quite high compared to other years, also illustrating the erratic nature in the ginseng market. Prices per pound did have the same result as many years, in that the later in the harvesting or selling season, the higher the price.

#### FINDINGS:

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

0 = Absent No Activity 1 = Rare Under 1 lb. 3 = Frequent Over 1 lb.

At the end of the 2020 harvest season, 16 Indiana counties reported no activity; of these, 4 reported a decrease from last year; 23 counties show an increase in harvest but not enough to move to the next category, 10 counties show a decrease. Again, most (43) counties reported a harvest which remained relatively steady.

Trend data requested in wild ginseng population considers the comparison of the 2019 harvest season and this current 2020 season:

-2 = extirpated 0 lbs. of wild ginseng harvested 2 years in a row decrease of more than 50 lbs. of wild ginseng since

previous year h

0 = stable within 50 lbs. of previous harvest of wild ginseng

+1 = increasing 50 or more lbs. of wild ginseng harvested over last season

None of Indiana's 92 counties reported a positive trend in harvest while only 10 showed a negative trend, the balance of the counties showed a stable harvest. Eight counties are showing extirpation. While this would seem concerning, at this time, only the same four from last year are showing extirpation for a longer period: Adams, Hamilton,

Howard and Randolph. Of those four, Hamilton and Howard are developing so rapidly that they rank among the highest in urbanization in the country.

This year's root count was down slightly at 276 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. We do recommend continuing the harvest under the current rules and regulations. However, to help ensure those who violate Ginseng laws in other states are not able to do similar business with similar violations in Indiana, we strongly recommend the adoption of reciprocal suspension among the 19 Ginseng states, such as is already in place for hunting and fishing licenses.

Beginning with the 2020 season, the Indiana Ginseng Coordinator, in collaboration with members of IDNR Law Enforcement, IDNR MIS, and IDNR Nature Preserves staff, initiated a complete revamp of the program's administration. This season, Indiana's Ginseng Dealers were required to accomplish 100% of their submittals online and into a database. This was accomplished via various platform (mobile/smartphone, notebook, laptop or desktop computer) and the database behind it allows for single entry accomplished directly by dealers (virtually eliminating multiple entry and resulting human error). Various reports, all certificates, annual reporting, etc. are pulled from the logged transactions, verified, electronically signed by dealers and certified by conservation officers online. All is accomplished within current USFWS and Indiana Ginseng laws, rules and regulations. Moreover, the addition of an administration side of the portal has allowed both the ginseng coordinator and conservation officers to review current data (within seconds of its entry) in the enforcement of Indiana's ginseng laws, rules and regulations. Dealer visits by the Ginseng Coordinator and a Law Enforcement representative were carried out in June and July to introduce the program, assist the comfort level of the dealers and answer any questions. Most dealers were glad, surprised that it had taken this long to implement an automated system. Others were reticent but were able to tackle the issue in one way or another. Originally, the plan was to have the dealers help test the system. However, roll out of the system was delayed by COVID and the roll out occurred just 2 days prior to the season start. Dealers were able to fill out applications online and payments were taken as they traditionally had been, but licenses were issued electronically within 24 hours. The Ginseng Coordinator spent many hours in September learning the system, assisting dealers in learning the system and making needed adjustments, with the assistance of IDNR MIS, as discovered and needed. Dealer input was solicited informally daily and then formally at least 3 times throughout the season: once was during the on-site visits, the other two were evaluations via email at the mid-point and end of the selling season. All dealer input directed many changes which were then implemented to the portal throughout the season. ALL reticent dealers, by the end of the season, were aware and acknowledged that the database, although labor intensive at the beginning, saved substantial time later on in the season, eliminating multiple entries and figuring, particularly when it came to quarterly and annual reports.

In addition, as part of the Ginseng program analysis, Indiana DNR plans to continue its revamp of the Indiana Ginseng website to be much more user friendly to both the average citizen and anyone who may be in the Ginseng business. It includes general information, history and ecology, updated images, links to forms, etc. Although it was anticipated that this would provide a link to the Ginseng Dealer portal, this changed with various security protocols implemented by the State of Indiana and instead it is part of the Access Indiana portal. The website is here: <a href="https://www.in.gov/dnr/nature-preserves/ginseng/">https://www.in.gov/dnr/nature-preserves/ginseng/</a> And the Access Indiana website, to establish an account and enter the portal, is <a href="https://www.in.gov/access/available-services.html">https://www.in.gov/access/available-services.html</a>

For the 21-22 season, improvements continue as a result of dealer, administration and LE officer feedback. Both license applications and payments will be online via the portal along with all records, opening Aug.1, 2021. In turn, after review and approval by Law Enforcement and the Ginseng Coordinator, the licenses will be issued electronically. The transaction log will be modified to ask the harvesters to verify the landowner information is true and we will implement the use of a landowner permission form for ginseng already in use by the IDNR for hunting purposes. The Ginseng Coordinator has been working with IDNR's Division of Fish and Wildlife to make sure the ginseng harvest and selling seasons and rules are included in the new Hunting Guide. The major change in the portal/process will be to develop a means for intrastate transactions between dealers to avoid duplicate counting of harvest. This had not been done before, even in the paper-driven system, and was discovered as both dealers and administration worked through the new processes. Last year, much of the training documents were distributed via email and this year, an area of the portal will be dedicated to those documents and links. Finally, a new poster/handout is under development regarding responsible harvesting to include a specific highlight of landowner permission. This will be distributed via email and website to make them accessible for printing by dealers in order to give to harvesters.

In conclusion, there are several factors influencing the lower harvest totals this year. Those include weather, the erratic nature that the COVID-19 pandemic has had on the season, the implementation of a new system eliminating multiple hand entries by both the dealers and administration and a reduction in the number of dealers in a key area of the state.

Respectfully submitted,

Laura Minzes, Indiana Ginseng Coordinator May 31, 2021





#### AMERICAN GINSENG EXPORT PROGRAM (CITES)

Return this report form 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

STATE OR TRIBE:	Indiana
HARVEST YEAR: _	2020
PREPARED BY: La	ura Minzes, Ginseng Coordinator

Below, please provide the amount of ginseng harvested:

Source of Ginseng	Harvested (dried lbs.)	Harvested (green lbs.)	Certified (dried lbs.)	Certified (green lbs.)	Estimated number of roots per pound (dried)
WILD	1,836 lbs, 14 oz.	2,080 lbs, 5 oz 665 lbs, 11 oz converted dry(.32/	1,836 lbs, 14 oz	2,080 lbs, 5 oz 665 lbs, 11 oz converted dry (.32/	276
WILD SIMULATED (not reported as wild)	Not applicable	pound rate) Not applicable	Not applicable	Not applicable	Not applicable
ARTIFICIALLY PROPAGATED (as defined under 50 CFR 23.64)	1 pound		1 pound		Unknown

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

- 1. Program administered by (Department or Agency name): No Change
- 2. Ginseng certification by (Department or Agency name): No Change
- 3. Has the State/Tribe or its enabling legislation, ginseng regulations, or ginseng certification form been modified in the last year? If yes, please provide copies, as appropriate.

No Change

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 the Tribal lands, Can uncertified ginseng be sold or transported outside the State or Tribe?
	No Change
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 the Tribal lands? Can uncertified ginseng be sold or transported outside the State or Tribe?
	No Change
6.	When does State or Tribal agency certify wild/artificially propagated ginseng (e.g., at time of harvest, at time of sale)?
	No Change
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?
	No Change
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.  No Change
9.	Can wild and/or artificially propagated ginseng be sold at any time during the year?  No Change
10	How often are dealers required to report the sale, purchase or export of ginseng (e.g., monthly, quarterly)?
10.	No Change
11.	Does the State or Tribe track unsold and/or un-exported ginseng from one season or one year to the next?Please explain process.
	No Change

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

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1	No Change
13.	Does the State or Tribe have a harvest season for artificially propagated ginseng? If so, what is it?
	No change.
14.	Within the wild and artificially propagated ginseng reported above, are there other sub-categories of ginseng production that are tracked in 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?
	No Change
15.	Is there a minimum allowable size/age for the harvest of wild and/or artificially propagated ginseng in the State or Tribe?
	No Change
16.	Is the harvest of wild ginseng allowed on State or Tribal lands? If yes, is a harvest permit required?
	No Change
17.	Does the State or Tribe require ginseng diggers to be licensed?
	No Change
18.	Does the State or Tribe require ginseng diggers to have written permission from private landowners to harvest ginseng? Do dealers need to supply copies of the written permissions when the ginseng is certified?
	No Change
19.	Please provide the average age of wild-harvested ginseng in the State or Tribal lands.
	No Change

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- 20. Please provide an estimate of the average number of roots per pound (dry weight) of wild ginseng harvested in the State or on the Tribal lands for the last harvest season, and describe the methodology used to calculate the estimate
  - WHOLE ROOTS FROM SIX SAMPLES OF 1 LB EACH FROM 3 AREAS OF THE STATE WERE COUNTED. COUNTS RANGED FROM 201/LB TO 350/LB, AVERAGING 276 ROOTS PER POUND.
- 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. 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)?

No Change

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 these changes.

Stable, no change

- 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.
  - BASIC ROOT COUNT MONITORING (ROOTS PER POUND, COUNTED AT DEALERS) IS BEING PERFORMED BY DNR NATURE PRESERVES AT REGIONAL LEVELS TO PROVIDE MINIMAL STATEWIDE COVERAGE.
- 24. Please provide details of any ginseng-related violations found and/or prosecuted in the State or on Tribal lands during the last year.
  - 33 tickets for Harvesting or possessing ginseng during the closed season
  - 27 tickets and 6 warnings for Harvesting without the consent of the landowner
  - 3 tickets and 1 warning for quota violations
  - 63 TOTAL

#### Data Sheet for Wild American Ginseng - Indiana

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3

Current trend

in wild ginseng

populations\*\*

(-2, -1, 0, +1)

0

0

Present

abundance of

wild ginseng\*

(0, 1, 3)

lbs. wild

ginseng

(dry wt)

harvested

0 14

4

6

County

of origin

Marion

Marshall

	lbs. wild		Present	Current trend
County	ginseng		abundance of	in wild ginseng
of origin	harvested		wild ginseng*	populations**
	(dry wt)	oz	(0, 1, 3)	(-2, -1, 0, +1)
Adams	0	0	0	-2
Allen	0	6	1	0
Bartholomew	8	4	3	0
Benton	0	0	0	-2
Blackford	0	0	0	-2
Boone	0	9	1	0
Brown	32	14	3	0
Carroll	10	0	3	0
Cass	13	0	3	0
Clark	30	12	3	0
Clay	70	6	3	0
Clinton	1	6	3	0
Crawford	76	1	3	0
Daviess	31	4	3	0
Dearborn	43	1	3	0
Decatur	35	14	3	0
DeKalb	4	12	3	0
Delaware	2	6	3	0
Dubois	18	2	3	0
Elkhart	0	8	1	0
Fayette	22	4	3	0
Floyd	4	13	3	0
Fountain	34	1	3	0
Franklin	147	4	3	0
Fulton	6	8	3	0
Gibson	6	14	3	0
Grant	3	4	3	0
Greene	98	13	3	-1
Hamilton	0	0	0	-2
Hancock	0	0	0	0
Harrison	116	2	3	0
Hendricks	0	11	1	0
Henry	8	9	3	0
Howard	0	0	0	-2
Huntington	1	0	1	0
Jackson	35	3	3	0
Jasper	0	0	0	-2
Jay	0	0	0	0
Jefferson	40	11	3	0
Jennings	82	14	3	0
Johnson	6	10	3	0
Knox	8	13	3	0
Kosciusko	30	13	3	0
Lagrange	7	6	3	0
Lake	0	0	0	-2
LaPorte	8	8	3	0
Lawrence	134	0	3	<u>-1</u>
Madison	0	0	0	0
column 1	1168	266		-

Miami         2         7         3         0           Monroe         61         3         3         -1           Morgan         76         6         3         -1           Newton         0         0         0         0           Noble         0         3         1         0           Ohio         0         11         1         0           Orange         106         0         3         -1           Owen         110         4         3         -1           Parke         114         0         3         -1           Parke         114         0         3         -1           Perry         31         12         3         0           Pike         22         12         3         0           Porter         2         4         3         0           Porter         2         4         3         0           Porter         2         4         3         0           Posey         11         10         3         0           Pulaski         0         0         0         -2	Martin	65	9	3	0
Montgan         76         6         3         -1           Newton         0         0         0         0           Noble         0         3         1         0           Ohio         0         11         1         0           Orange         106         0         3         -1           Owen         110         4         3         -1           Parke         114         0         3         -1           Perry         31         12         3         0           Pike         22         12         3         0           Porter         2         4         3         0           Pulaski         0         0         0         0	Miami	2	7	3	0
Morgan         76         6         3         -1           Newton         0         0         0         0           Noble         0         3         1         0           Ohio         0         11         1         0           Orange         106         0         3         -1           Owen         110         4         3         -1           Parke         114         0         3         -1           Perry         31         12         3         0           Pike         22         12         3         0           Porter         2         4         3         0           Posey         11         10         3         0           Pulaski         0         0         0         -2	Monroe	61	3	3	-1
Newton         0         0         0           Noble         0         3         1         0           Ohio         0         11         1         0           Orange         106         0         3         -1           Owen         110         4         3         -1           Parke         114         0         3         -1           Perry         31         12         3         0           Perry         31         12         3         0           Pike         22         12         3         0           Porter         2         4         3         0           Porter         2         4         3         0           Posey         11         10         3         0           Pulaski         0         0         0         0           Posey         11         10         3         0           Pulaski         0         0         0         0           Pulaski         0         0         0         -2           Ripley         108         11         3         -1           Ran	Montgomery	51	6	3	0
Noble         0         3         1         0           Ohio         0         11         1         0           Orange         106         0         3         -1           Owen         110         4         3         -1           Parke         114         0         3         -1           Perry         31         12         3         0           Perry         31         12         3         0           Pike         22         12         3         0           Porter         2         4         3         0           Porter         2         4         3         0           Posey         11         10         3         0           Posey         11         10         3         0           Pulaski         0         0         0         0           Pulaski         0         0         0         -2           Ripley         108         11         3         -1           Randolph         0         0         -2         -2           Ripley         108         11         3         0	Morgan	76	6	3	-1
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Orange         106         0         3         -1           Owen         110         4         3         -1           Parke         114         0         3         -1           Perry         31         12         3         0           Perry         31         12         3         0           Porter         2         4         3         0           Porter         2         4         3         0           Porter         2         4         3         0           Posey         11         10         3         0           Posey         11         10         3         0           Pulaski         0         0         0         0           Randolph         0         0         0         -2           Ripley         108         11         3         0	Noble	0	3	1	0
Owen         110         4         3         -1           Parke         114         0         3         -1           Perry         31         12         3         0           Pike         22         12         3         0           Porter         2         4         3         0           Posey         11         10         3         0           Posey         11         10         3         0           Pulaski         0         0         0         0           Randoloph         0         0         0         2           Ripide         10         0         0         0         2           Ripide         11         0         0         0	Ohio	0	11		0
Parke         114         0         3         -1           Perry         31         12         3         0           Pike         22         12         3         0           Porter         2         4         3         0           Posey         11         10         3         0           Pulaski         0         0         0         0           Rushi         1         15         3         0           Rizhan         1         15         3         0           Saint Joseph         1         1         0         0	Orange	106	0		-1
Perry         31         12         3         0           Pike         22         12         3         0           Porter         2         4         3         0           Posey         11         10         3         0           Pulaski         0         0         0         0           Randolph         0         0         0         -2           Riper         10         0         0         0         -2           Ripley         10         15         3         0         0         0         0         0         0         0         0         0         0         0         0         0			4		-1
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Ripley         108         11         3         -1           Rush         1         15         3         0           Saint Joseph         1         15         3         0           Scott         66         9         3         0           Shelby         0         12         1         0           Spencer         5         3         3         0           Starke         0         0         0         -2           Steuben         0         1         1         0           Sullivan         27         12         3         0           Switzerland         8         7         3         0           Switzerland         8         7         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vermillion         41         14         3         0           Washash         1         13         3	Putnam	56	3	3	-1
Rush         1         15         3         0           Saint Joseph         1         15         3         0           Scott         66         9         3         0           Shelby         0         12         1         0           Shelby         0         12         1         0           Spencer         5         3         3         0           Starke         0         0         0         -2           Steuben         0         1         1         0           Sullivan         27         12         3         0           Switzerland         8         7         3         0           Switzerland         8         7         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vermillion         41         14         3         0           Warren         33         15         3	Randolph		0		
Saint Joseph         1         15         3         0           Scott         66         9         3         0           Shelby         0         12         1         0           Spencer         5         3         3         0           Starke         0         0         0         -2           Steuben         0         1         1         0           Sullivan         27         12         3         0           Switzerland         8         7         3         0           Tippecanoe         13         11         3         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vermillion         41         14         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Wayne         4         6         3	Ripley	108	11	3	-1
Scott         66         9         3         0           Shelby         0         12         1         0           Spencer         5         3         3         0           Starke         0         0         0         -2           Steuben         0         1         1         0           Sullivan         27         12         3         0           Switzerland         8         7         3         0           Tippecanoe         13         11         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vermillion         41         14         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Wayne         4         6         3 <t< td=""><td>Rush</td><td>1</td><td>15</td><td></td><td>0</td></t<>	Rush	1	15		0
Shelby         0         12         1         0           Spencer         5         3         3         0           Starke         0         0         0         -2           Steuben         0         1         1         0           Sullivan         27         12         3         0           Switzerland         8         7         3         0           Tippecanoe         13         11         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Wayne         4         6         3         0           Wells         0         0         0         0 <td>Saint Joseph</td> <td>1</td> <td>15</td> <td></td> <td>0</td>	Saint Joseph	1	15		0
Spencer         5         3         3         0           Starke         0         0         0         -2           Steuben         0         1         1         0           Sullivan         27         12         3         0           Switzerland         8         7         3         0           Tippecanoe         13         11         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warrick         7         5         3         0           Warrick         7         5         3         0           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0	Scott	66	9	3	0
Starke         0         0         -2           Steuben         0         1         1         0           Sullivan         27         12         3         0           Switzerland         8         7         3         0           Tippecanoe         13         11         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0 </td <td></td> <td>0</td> <td>12</td> <td>1</td> <td>0</td>		0	12	1	0
Starke         0         0         -2           Steuben         0         1         1         0           Sullivan         27         12         3         0           Switzerland         8         7         3         0           Tippecanoe         13         11         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0 </td <td>Spencer</td> <td>5</td> <td>3</td> <td>3</td> <td>0</td>	Spencer	5	3	3	0
Sullivan         27         12         3         0           Switzerland         8         7         3         0           Tippecanoe         13         11         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0		0		0	-2
Switzerland         8         7         3         0           Tippecanoe         13         11         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0		-		-	
Tippecanoe         13         11         3         0           Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0			12		0
Tipton         0         0         0         0           Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0	Switzerland	8	7		0
Union         4         10         3         0           Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0	Tippecanoe	13	11	3	0
Vanderburgh         19         0         3         0           Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0	Tipton	0	0		0
Vermillion         41         14         3         0           Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0		4	10		0
Vigo         38         11         3         0           Wabash         1         13         3         0           Warren         33         15         3         0           Warrick         7         5         3         0           Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0		19	0		0
Wabash     1     13     3     0       Warren     33     15     3     0       Warrick     7     5     3     0       Washington     207     12     3     -1       Wayne     4     6     3     0       Wells     0     0     0     0       White     1     8     3     0		41	14		0
Wabash     1     13     3     0       Warren     33     15     3     0       Warrick     7     5     3     0       Washington     207     12     3     -1       Wayne     4     6     3     0       Wells     0     0     0     0       White     1     8     3     0	Vigo	38	11		0
Warrick     7     5     3     0       Washington     207     12     3     -1       Wayne     4     6     3     0       Wells     0     0     0     0       White     1     8     3     0	Wabash				0
Washington         207         12         3         -1           Wayne         4         6         3         0           Wells         0         0         0         0           White         1         8         3         0	Warren	33	15	3	0
Wayne     4     6     3     0       Wells     0     0     0     0       White     1     8     3     0		,			
Wells         0         0         0         0           White         1         8         3         0		207	12		-1
Wells         0         0         0         0           White         1         8         3         0	Wayne	-	6	3	
	Wells	0	0	0	0
Whitley 4 4 3 0	White	1	8		0
	Whitley	4	4	3	0

\*Present abundance of ginseng:

1299

0=absent, 1=rare, 3=frequent

304

 column 1
 1168
 266

 column 2
 1299
 304

 2467
 570

 Total Dry WGT
 2502
 9

Data Verified - L Minzes & T Swinford 5/31/2021

Indiana Annual Ginseng Report 2020

<sup>\*\*</sup>Trend in wild ginseng populations:

<sup>-2=</sup>extirpated, -1=decreasing, 0=stable, +1=increasing

#### **NOTICES**

#### **PRIVACY ACT STATEMENT**

**Authority:** The information requested is authorized by the following: the Bald and Golden Eagle Protection Act (16 U.S.C. 668), 50 CFR 22; the Endangered Species Act (16 U.S.C. 1531-1544), 50 CFR 17; the Migratory Bird Treaty Act (16 U.S.C. 703-712), 50 CFR 21; the Marine Mammal Protection Act (16 U.S.C. 1361, et seq.), 50 CFR 18; the Wild Bird Conservation Act (16 U.S.C. 4901-4916), 50 CFR 15; the Lacey Act: Injurious Wildlife (18 U.S.C. 42), 50 CFR 16; Convention on International Trade in Endangered Species of Wild Fauna and Flora (TIAS 8249), 50 CFR 23; General Provisions, 50 CFR 10; General Permit Procedures, 50 CFR 13; and Wildlife Provisions (Import/export/transport), 50 CFR 14.

**Purpose:** The collection of contact information is to verify the individual has an eligible permit to conduct activities which affect protected species. This helps FWS monitor and report on protected species and assess the impact of permitted activities on the conservation and management of species and their habitats.

**Routine Uses:** The collected information may be used to verify an applicant's eligibility for a permit to conduct activities with protected wildlife; to provide the public and the permittees with permit related information; to monitor activities under a permit; to analyze data and produce reports to monitor the use of protected wildlife; to assess the impact of permitted activities on the conservation and management of protected species and their habitats; and to evaluate the effectiveness of the permit programs. More information about routine uses can be found in the System of Records Notice, Permits System, FWS-21.

**Disclosure:** The information requested in this form is voluntary. However, submission of requested information is required to process applications for permits authorized under the listed authorities. Failure to provide the requested information may be sufficient cause for the U.S. Fish & Wildlife Service to deny the request.

#### PAPERWORK REDUCTION ACT STATEMENT

We are collecting this information subject to the Paperwork Reduction Act (44 U.S.C. 3501) in order provide the U.S. Fish and Wildlife Service the information necessary, under the applicable laws governing the requested activity, for which a permit is requested. Information requested in this form is purely voluntary. However, submission of requested information is required in order to process applications for permits authorized under the applicable laws. Failure to provide all requested information may be sufficient cause for the U.S. Fish and Wildlife Service to deny the request. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. OMB has approved this collection of information and assigned Control No. 1018-0093.

#### **ESTIMATED BURDEN STATEMENT**

We estimate public reporting for this collection of information to average 43 hours and 30 minutes, including time for reviewing instructions, gathering and maintaining data and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of the form to the Service Information Clearance Officer, Fish and Wildlife Service, U.S. Department of the Interior, 5275 Leesburg Pike, MS: BPHC, Falls Church, VA 22041-3803, or via email at <a href="Info-Coll@fws.gov">Info-Coll@fws.gov</a>.

Please do not send your completed form to this address.

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Indiana

		Ginse	ng Com	parison		May-21
Date of	Number of	Type	Pounds	Ounces	Average number of	Dollars
Season	Dealers				roots per pound:	per pound:
2020-21	17	wild	1836	14	276 (dry only)	\$600.00
		fresh	665	11	converted dry weight	
		Art. Prop	1	0	unknown	
0010 00	40		0000	40.00	04071	*****
2019-20	19	wild	3368	13.02	319 (dry only)	\$667.00
		fresh	134	12.38	converted dry weight	
2018-19	17	wild	3186	8.15	311 (dry only)	\$450.00
2010-19	17	fresh	468	2.56	converted dry weight	start 325 end 625
			.00		comortos ary morgini	0.
2017-18	24	wild	2889	7.4	311 (dry only)	\$450.00
		fresh	392**	15.92 **	**converted dry weight	
2016-17	26	wild	3185	1.4	301 (dry only)	\$390.00
		fresh	731**	14.08 **	**converted dry weight	
2015-16	29	wild	5609	12.92	277	\$500.00*
		fresh	521* wet	2		start 600 end 400
2014.15	07		7004	0.00	200	<b>#F00.00*</b>
2014-15	27	wild	7831	8.39	298	\$500.00*  *major fluctuations
						major nuctuations
2013-14	27	wild	4822	7.17	352.5	\$800.00
2010 11		wiid	IOZZ	7.17	002.0	Ψ000.00
2012-13	28	wild	1946	7.84	325	\$675.00
2011-12	29	wild	3477	3.7	331	\$425.00
		green	54	5		
0040 44	- 00		0040	-	F00	#000 #050
2010-11	29	wild	3940	5	528	\$600-\$250
2009-10	29	wild	7137	6.88	441	\$400.00
2000 10	20	wiid	7 107	0.00		ψ100.00
2008-09	35	wild	4623	1.16	318	\$250.00
2007-08	30	wild	3888	2	430	\$585.83
2006.07	26		F006	40.05	400	#206.67
2006-07	26	wild	5096	12.25	488	\$396.67
		green	-	-		
2005-06	29	wild	4,923	1	373	\$289.68
		green	-,320	-	5,0	<b>\$255.00</b>
2004-05	31	wild	4,819	0	426	\$261.40
		green	-	-		
2003-04	34	wild	6,915	5	323	\$284.00
000000000000000000000000000000000000000		green	-	-		
2002.03	42	المائيين	2 100	F	2F1	\$33F.00
2002-03	42	wild green	3,192 1	- 5	351	\$325.00
	I	yıccıı	ı	_		
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
000000000000000000000000000000000000000		green	20	1		
1998-99	40	لمائي	4 600	44	464	\$340.00
1990-99	42	wild green	4,693	11	461	\$240.00
		green	-	-		
1997-98	55	wild	9,044	2	377	\$250.00
		green	1	-		+
·				•		

Indiana Ginseng Annual Report 2020

#### INDIANA CITES EXPORT PROGRAM GINSENG DATA SHEET FOR 2020 HARVEST

ADDENDUM 1 - DRY Ginseng County Totals

County of origin	lbs. wild ginseng harvested (dry weight)	oz	
Adams	0	0	
Allen	0	6	
Bartholome	6	7	
Benton	0	0	
Blackford	0	0	
Boone	0	0	
Brown	25	1	
Carroll	4	15	
Cass	9	10	
Clark	29	14	
Clay	54	13	
Clinton	1	6	
Crawford	64	12	
Daviess	23	2	
Dearborn	36	12	
Decatur	33	6	
DeKalb	4	12	
Delaware	2	4	
Dubois	15	12	
Elkhart	0	8	
Fayette	15	7	
Floyd	3	2	
Fountain	29	7	
Franklin	126	1	
Fulton	1	13	
Gibson	6	14	
Grant	3	4	
Greene	81	9	
Hamilton	0	0	
Hancock	0	0	
Harrison	88	1	
Hendricks	0	5	
Henry	8	9	
Howard	0	0	
Huntington		4	
Jackson	30	14	
Jasper	0	0	
Jay	0	0	
Jefferson	36	13	
Jennings	61	3	
Johnson	6	3	
Knox	8	2	
Kosciusko	6	5	
Lagrange	7	6	
Lake	0	0	
LaPorte	7	13	
Lawrence	93	2	
Madison	0	0	
iviauisuri	U	U	

County of origin	lbs. wild ginseng harvested (dry weight	oz	
Marion	0	14	
Marshall	3	4	
Martin	57	11	
Miami	2	7	
Monroe	34	8	
Montgomer	18	3	
Morgan	61	15	
Newton	0	0	
Noble	0	3	
Ohio	0	11	
Orange	56	6	
Owen	86	12	
Parke	79	1	
Perry	25	15	
Pike	22	12	
Porter	2	4	
Posey	11	10	
Pulaski	0	0	
Putnam	45	7	
Randolph	0	0	
Ripley	104	12	
Rush	1	15	
Saint Jose	1	15	
Scott	50	6	
Shelby	0	12	
Spencer	5	3	
Starke	0	0	
Steuben	0	1	
Sullivan	20	10	
Switzerland		12	
Tippecanoe		3	
Tipton	0	0	
Union	1	0	
Vanderburç		16	
Vermillion	26	14	
Vigo	25	7	
Wabash	1	5	
Warren	27	3	
Warrick	7	5	
Washingto		6	
Wayne	3	0	
Wells	0	0	
White	1	8	
Whitley	2	0	

Total WGT 1836 14

## INDIANA CITES EXPORT PROGRAM GINSENG DATA SHEET FOR 2020 HARVEST

ADDENDUM 2 - FRESH (wet weight) Ginseng County Totals

	FRESH (Wel W	T /-	Converted	Converted
County	lbs. wild gins	sena	to	to
of origin	harvested	1	Dry Pounds	Dry ounces
<b></b>	(wet weight)	oz	(rate .32)	(rate .32)
Adams	0	0	0	0
Allen	0	0	0	0
Bartholomew	5	11	1	13
Benton	0	0	0	0
Blackford	0	0	0	0
Boone	1	12	0	9
Brown	24	8	7	13
Carroll	16	0	5	2
Cass	10	9	3	6
Clark	2	11	0	14
Clay	48	10	15	9
Clinton	0	0	0	0
Crawford	35	5	11	5
Daviess	25	5	8	2
Dearborn	19	14	6	6
Decatur	7	13	2	8
DeKalb	0	0	0	0
Delaware	0	6	0	2
Dubois	7	6	2	6
Elkhart	0	0	0	0
Fayette	21	4	6	13
Floyd	5	5	1	11
Fountain	14	6	4	10
Franklin	66	3	21	3
Fulton	14	11	4	11
	0	0	0	0
Gibson				
Grant	0	0	0	0
Greene	54	0	17	4
Hamilton	0	0	0	0
Hancock	0	0	0	0
Harrison	87	11	28	1
Hendricks	1	3	0	6
Henry	0	0	0	0
Howard	0	0	0	0
Huntington	2	5	0	12
Jackson	13	7	4	5
Jasper	0	0	0	0
Jay	0	0	0	0
Jefferson	12	2	3	14
Jennings	67	12	21	11
Johnson	1	5	0	7
Knox	2	1	0	10
Kosciusko	76	9	24	8
Lagrange	0	0	0	0
Lake	0	0	0	0
LaPorte	2	0	0	10
Lawrence	127	10	40	13
Madison	0	0	0	0

			Converted	Converted
County	lbs. wild gins	seng	to	to
of origin	harvested	1	Dry pounds	Dry ounces
	(wet weight)	oz	(rate .32)	(rate .32)
Marion	0	0	0	0
Marshall	3	8	1	2
Martin	24	9	7	14
Miami	0	0	0	0
Monroe	83	9	26	12
Montgomery	103	10	33	3
Morgan	45	3	14	7
Newton	0	0	0	0
Noble	0	0	0	0
Ohio	0	0	0	0
Orange	155	1	49	10
Owen	73	8	23	8
Parke	109	2	34	15
Perry	18	4	5	13
Pike	0	0	0	0
Porter	0	0	0	0
Posey	0	0	0	0
Pulaski	0	0	0	0
Putnam	33	9	10	12
Randolph	0	0	0	0
Ripley	12	4	3	15
Rush	0	0	0	0
Saint Joseph	0	0	0	0
Scott	50	12	16	4
Shelby	0	0	0	0
Spencer	0	0	0	0
Starke	0	0	0	0
Steuben	0	0	0	0
Sullivan	22	3	7	2
Switzerland	2	2	0	11
Tippecanoe	7	12	2	8
Tipton	0	0	0	0
Union	11	4	3	10
Vanderburgh	0	0	0	0
Vermillion	46	14	15	0
Vigo	41	7	13	4
Wabash	1	8	0	8
Warren	21	0	6	12
Warrick	0	0	0	0
Washington	426	2	136	6
Wayne	4	6	1	6
Wells	0	0	0	0
White	0	0	0	0
Whitley	7	0	2	4

Total WGT	2080	5	665	11	

## INDIANA CITES EXPORT PROGRAM GINSENG DATA SHEET FOR 2020 HARVEST

ADDENDUM 3 - Artifically Propagated DRY Ginseng County Totals

County of origin	ADDLINDOM	I	Topagateu DK	I Giriserig Cou	illy rotals
of origin         harvested (dry weight) ozz           Adams         0           Allen         0           Bartholome 0         0           Benton         0           Benton         0           Benton         0           Boone         0           Brown         0           Carroll         0           Carroll         0           Cass         0           Clark         1           1         0           Clay         0           Deventor         0           Deventor         0           Deventor         0           Deventor         0           Delaware         0           Delaware         0           Delaware         0           Delaware         0           Fayette			l		
(dry weight)   oz   Adams   0   0   0	-		d ginseng I		
Adams	of origin				
Allen 0 0 0 Bartholome 0 0 0 Benton 0 0 0 Benton 0 0 0 Blackford 0 0 0 Boone 0 0 0 Carroll 0 0 0 Carroll 0 0 0 Cars 0 0 0 Clark 1 0 0 Clark 1 0 0 Clark 1 0 0 Clark 0 0 0 Crawford 0 0 0 Daviess 0 0 0 Dearborn 0 0 0 Decatur 0 0 0 Decatur 0 0 0 Delaware 0 0 0 Dubois 0 0 0 Elkhart 0 0 0 Fayette 0 0 0 Fountain 0 0 0 Franklin 0 0 0 Greene 0 0 0 Hamilton 0 0 Hamicock 0 0 0 Hamiton 0 0 0 Hendricks 0 0 0 Hendricks 0 0 0 Jackson 0 0 Jackson 0 0 Jackson 0 0 Jefferson 0 0 0 Jefferson 0 0 0 Jefferson 0 0 0 Jefferson 0 0 0 Jennings 0 0 0 Kosciusko 0 0 Lagrange 0 0 0					
Bartholome 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
Benton 0 0 0 Blackford 0 0 0 Blackford 0 0 0 Boone 0 0 0 Brown 0 0 0 Carroll 0 0 0 Carroll 0 0 0 Cars 0 0 0 Clark 1 0 Clay 0 0 Clark 1 0 Clay 0 0 Clinton 0 0 0 Crawford 0 0 0 Daviess 0 0 0 Dearborn 0 0 Decatur 0 0 0 Decatur 0 0 0 Decatur 0 0 0 Delaware 0 0 O Delaware 0 0 O Delaware 0 0 O Delaware 0 0 O Delaware O O Delaware 0 O Delaware O O					
Blackford 0		0	0		
Boone   0   0   0   0   0   0   0   0   0	Benton	0	0		
Brown 0 0 0 Carroll 0 0 0 Carroll 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Blackford	0	0		
Carroll 0 0 0 Cass 0 0 0 Clark 1 0 0 Clark 1 0 0 Clay 0 0 0 Clinton 0 0 0 Crawford 0 0 0 Daviess 0 0 0 Dearborn 0 0 0 Decatur 0 0 0 Dekalb 0 0 0 Delaware 0 0 0 Elkhart 0 0 0 Fayette 0 0 0 Floyd 0 0 0 Fountain 0 0 Franklin 0 0 0 Grant 0 0 0 Greene 0 0 0 Hamilton 0 0 Hamilton 0 0 Harrison 0 0 Henry 0 0 Henry 0 0 Henry 0 0 Howard 0 0 Jackson 0 0 Jackson 0 0 Jasper 0 0 Jasper 0 0 Jefferson 0 0 Jefferson 0 0 Jefnings 0 0 Jefnings 0 0 Ckosciusko 0 0 Lagrange 0 0 Lawrence 0 0	Boone	0	0		
Cass 0 0 0   Clark 1 0   Clark 1 0   Clay 0 0   Clinton 0 0   Crawford 0 0   Crawford 0   Crawford 0   Crawford 0   Crawford 0   Cra	Brown	0	0		
Clark	Carroll	0	0		
Clay	Cass	0	0		
Clinton 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Clark	1	0		
Clinton 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Clav	0	0		
Crawford         0         0           Daviess         0         0           Dearborn         0         0           Decatur         0         0           Dekalb         0         0           Delaware         0         0           Dubois         0         0           Elkhart         0         0           Fayette         0         0           Fountain         0         0           Fountain         0         0           Franklin         0         0           Franklin         0         0           Grant         0         0           Greene         0         0           Hamilton         0         0           Harrison         0         0           Harrison         0         0           Henry         0         0           Howard         0         0           Huntington         0         0           Jasper         0         0           Jay         0         0           Jay         0         0           Johnson         0         0 <td></td> <td>0</td> <td>0</td> <td></td> <td></td>		0	0		
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Dearborn         0         0           Decatur         0         0           DeKalb         0         0           Delaware         0         0           Dubois         0         0           Elkhart         0         0           Fayette         0         0           Floyd         0         0           Fountain         0         0           Franklin         0         0           Fulton         0         0           Gibson         0         0           Grant         0         0           Greene         0         0           Hancock         0         0           Harrison         0         0           Hendricks         0         0           Henry         0         0           Howard         0         0           Huntington         0         0           Jasper         0         0           Jay         0         0           Jay         0         0           Jay         0         0           Johnson         0         0					
Decatur         0         0           DeKalb         0         0           Delaware         0         0           Dubois         0         0           Elkhart         0         0           Fayette         0         0           Floyd         0         0           Fountain         0         0           Fountain         0         0           Franklin         0         0           Fulton         0         0           Gibson         0         0           Grant         0         0           Greene         0         0           Hamilton         0         0           Harrison         0         0           Harrison         0         0           Hendricks         0         0           Hendricks         0         0           Hendricks         0         0           Hentry         0         0           Howard         0         0           Jackson         0         0           Jay         0         0           Jasper         0         0 <td></td> <td></td> <td></td> <td></td> <td></td>					
DeKalb         0         0           Delaware         0         0           Dubois         0         0           Elkhart         0         0           Fayette         0         0           Floyd         0         0           Fountain         0         0           Fanklin         0         0           Fanklin         0         0           Gibson         0         0           Grant         0         0           Greene         0         0           Hamilton         0         0           Harrison         0         0           Henry         0         0           Howard         0         0           Huntington         0         0           Jackson         0         0           Jay         0         0           Jayy         0         0           Jefferson         0         0           Johnson         0         0           Kosciusko         0         0           Lagrange         0         0           Lawrence         0         0					
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Dubois         0           Elkhart         0           Fayette         0           Floyd         0           0         0           Fountain         0           Franklin         0           0         0           Fulton         0           0         0           Gibson         0           Grant         0           Greene         0           0         0           Hamilton         0           Harrison         0           Hendricks         0           Henry         0           Howard         0           Huntington         0           Jasper         0           0         0           Jasper         0           0         0           Jefferson         0           Johnson         0           Kosciusko         0           Lagrange         0           Laporte         0           Lawrence         0					
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Jackson       0       0         Jasper       0       0         Jay       0       0         Jefferson       0       0         Jennings       0       0         Johnson       0       0         Knox       0       0         Kosciusko       0       0         Lagrange       0       0         Lake       0       0         LaPorte       0       0         Lawrence       0       0		0	0		
Jasper       0       0         Jay       0       0         Jefferson       0       0         Jennings       0       0         Johnson       0       0         Knox       0       0         Kosciusko       0       0         Lagrange       0       0         Lake       0       0         LaPorte       0       0         Lawrence       0       0					
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Jefferson       0         Jennings       0         Johnson       0         Knox       0         Kosciusko       0         Lagrange       0         Lake       0         LaPorte       0         Lawrence       0					
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Knox 0 0 0 Kosciusko 0 0					
Kosciusko 0 0					
Lagrange         0         0           Lake         0         0           LaPorte         0         0           Lawrence         0         0					
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