

Indigenous Knowledge and Agriculture Production

By

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What is Indigenous Agricultural Knowledge (IAK)?

*“.....applied knowledge for raising food and other agricultural products **that is grounded in Indigenous belief systems and practices** which have been time-tested over millennia.”*

(Johnson et al, 2019 p 4)



Components of Indigenous Agriculture?

- Crop Biodiverse
- Climate Adapted Crops
- Conservation Focused
- Community-Based



Example of Indigenous
Agriculture:
Hopi Non-Irrigated
Agriculture





Indigenous Crop Benefits

- **Specialty Crops (e.g. Tepary Beans)**
- **Nutrient Dense (Human Health)**
- **Climate Adaptable (Place-based)**

Public Perception is the Good?

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A Weed By Any Other Name ...

Linda Black Elk

NATIFS

(North American Traditional
Indigenous Food Systems)

What is Indigenous Knowledge?

Observations

Stories

Innovations

Practices

Beliefs

....developed by Tribes and Indigenous Peoples through *interaction* and *experience* with the environment.



How can Indigenous Knowledge Help?

- Promote Soil Health
- Increase Plant Nutrient Uptake
- New Ideas for Culinary Markets
- Filling Needs in the Herbal Medicine Market
- Improve Relationships With People, Land, Wildlife
- Economic Opportunities

Purslane (*Portulaca oleraceae*)



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Swanson, Full Spectrum Purslane, 400 mg, 60 Veggie Caps

By [Swanson](#)

★★★★★ 18 Reviews | 0 & 0

In Stock

- Best By: 08/2026
- First Available: 04/2023
- Shipping Weight: 0.14 lb
- Product Code: SWV-11612
- UPC Code: 0876141116129
- Package Quantity: 60 Count
- Dimensions: 3.5 x 1.85 x 1.8 in, 0.14 lb

Product rank:

#903 in [Antioxidants](#)

\$73.50/pound!

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Our Price **\$10.29** \$0.17/Serving

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esday.

Dried cr...
herbs, spices.
Wild Spinach, Lam...

SunshineFelt ★★★★★

Weight *

- ✓ Select a weight
- 10 g (\$2.50)
- 25 g (\$5.00)

1

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Horseweed (*Erigeron canadensis*)



\$5 off with code GIFTMODE Ends Wednesday.

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Horseweed Plant | Horseweed Herb | Erigeron canadense

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Weight *

1 lb (454 grams) ▼

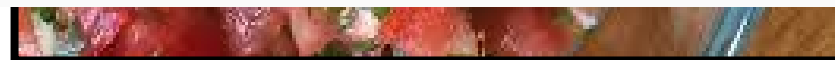
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- Amaranth Seed – Food – \$9/pound (Bobs Red Mill)
- Plantain – Eczema – \$35/pound (Starwest Botanicals)
- Milkweed – Food – \$100 pound (Foraged.com)
- Mullein – Asthma – \$26/pound (Mountain Rose Herbs)
- Chickweed – Fibroids – \$19/pound (Frontier Herbs)
- Evening Primrose – Circulation – oil is \$317/gallon (Mountain Rose Herbs)
- Stinging Nettle – Arthritis - \$22/pound (Mountain Rose Herbs)





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