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 oleracea) $73.50/pound!

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: 087614116129
- Package Quantity: 60 Count
- Dimensions: 3.5 x 1.85 x 1.8 in, 0.14 lb

Product rank:

#903 in Antioxidants

Save 20% in cart
Ends: March 6, 2024 at 10:00 AM PT. Discount applied in cart. May not be combined with other offers.
Lambsquarters (*Chenopodium spp.*)
More ”weeds”

• Japanese Knotweed – Lyme Disease – $80/pound (Foraged.com)
• 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)
Who Else Needs This Stuff?
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