

Chart 6 - A Comparison of Roots and Tubers

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All these plants are grown as annuals.

COMMON SPECIES		PERENNIAL PROPA		GROWTH EDIBLE PARTS PRINCIPAL	
NAME	NAME	GROWTH	GATION	HABIT	USGS INTRINSICS
ANNUAL					
Beet*	<i>Beta vulgaris</i>	Biennial	Seed	Herb	Root, Leaves, Root Low
					canol cooked in Nature
Carrot	<i>Daucus carota</i>	Biennial	Seed	Herb	Root, Bar (High
					in canol or Cooked Vitamin A
Corn*	<i>Maize</i>	Annual	Stem	Blue	Edible Root Starch
					we/culenta Leaf, Cooked
Delphin	<i>Colicacea</i>	Perennial	Stem	Herb	Com, Cooked Starch
					we/culenta shoot canol Vitamin C
Edible	<i>Canna edulis</i>	Perennial	Stem	Starch	Starch
					canol shoot Herb Cooked
Jicama	* <i>Pachyrhizus</i>	Weak	Seed	Living	Tuberous Root Starch,
					canol Perennial Cooked Protein
Potato	<i>Solanum</i>	Tuber	Herb	Tuber	Cooked Starch,
					in Nature Cut/ing canol Vitamin C
Sweet	<i>Ipomoea batatas</i>	Annual	Stem	Leaf	Starch
					potato Cut/ing ing Tuberous Vitamin C
Taro	<i>Xanthosoma</i>	egg	Herb	Com	Cooked Starch
					egg shoot canol
Taro	<i>Colicacea</i>	Perennial	Stem	Herb	Com, Cooked Starch,
					we/culenta shoot canol Vitamin C
Yam	<i>Dioscorea</i>	egg	Herb	Starch	Tuber Cooked Starch,
					egg Cut/ing Vine Protein

*Not a dietary staple.

COMMON SPECIES NAME		ADAPTATION		NEGATIVE FACTORS	
NAME	NAME	DIV.	FACTORS	NAME	NAME
TEMP		LENGTH FLOOD/DROUGHT			
Beet	<i>Beta vulgaris</i>	Cool	Neutral	No	No Temperature Climate
Carrot	<i>Daucus carota</i>	Cool	Neutral	No	No Temperature Climate
Corn*	<i>Maize</i>	Warm	Neutral	No	No Temperature Climate
Delphin	<i>Colicacea</i>	Short Day	No	No	Some Varieties
					Unstarched
Delphin	<i>Colicacea</i>	Plot	Short Day	Some	No
					we/culenta
Edible	<i>Canna edulis</i>	Plot	Neutral	Some	No Poor Quality
					canol Vegetable
Jicama	* <i>Pachyrhizus</i>	Plot	Neutral	No	Some Pods, Leaf
					canol Proteinous
Potato	<i>Solanum tuberosum</i>	Cool to Neutral	No	No	No Not Tropical
					in Warm
Sweet	<i>Ipomoea batatas</i>	Hot	Moderate	No	No Insect Problems
					potato Short Day
Taro	<i>Xanthosoma</i>	egg	Plot	Moderate	Some
					No Disease Problems
					Short Day
Taro	<i>Colicacea</i>	Hot	Moderate	Yes	No Needs Paddy
					we/culenta Short Day Culfow
Yam	<i>Dioscorea</i>	egg	Plot	Moderate	Some
					No Very Seasonal
					Neutral