

Approximate Area Required to Grow One Person's Diet Using Conventional Mechanized Chemical or Organic Techniques	
High animal product diet (fossil fuels available) currently	31,000–63,000 sq ft
Average U.S. diets ¹ (fossil fuels available) currently	15,000–30,000 sq ft
Average U.S. vegan (fossil fuels available) currently	7,000 sq ft
Average U.S. vegan diet (no animal products) (post-fossil fuel era)	21,000–28,000 sq ft
Average of actual areas needed for diets eaten in developing nations, using actual agricultural practices (fossil fuels available)	1977: 30,000 sq ft 1988: 22,000 sq ft 2000: 16,000 sq ft

Estimated Arable Land Available to Grow One Person's Diet with Different Levels of Water Availability	
Year 2000, developing nations (where 80% of the world's population was living) with water available	16,000 sq ft
Year 2014–2021, developing nations (where 90% of the world's population will be living) with water available	9,000 sq ft
Year 2000, in water-scarce areas around the world	4,000 sq ft

Area Required to Grow One Person's Diet with the GROW BIOINTENSIVE Method, Including Crops That Produce a High Level of Calories per Unit of AREA (see pages 40–41)	
GROW BIOINTENSIVE intermediate yields with soil fertility sustained	4,000 sq ft
By the years 2014–2021, with an average of 9,000 square feet available (see above), sufficient land and resources may be available in many developing-nation areas with GROW BIOINTENSIVE, leaving up to 5,000 square feet of surplus land for the preservation of plant and animal genetic diversity in situations with adequate water.	

Will There Be Enough Land to Grow a Complete Diet for One Person Using Conventional Mechanized Chemical or Organic Techniques, or Using the GROW BIOINTENSIVE Method?						
	DIET	High Animal Product	Avg. U.S.	Vegan	Vegan	Vegan with Special Root Crops
	AGRICULTURAL TECHNIQUE	Conventional or Organic	Conventional or Organic	Conventional or Organic	Conventional or Organic (post-fossil fuel)	GROW BIOINTENSIVE (intermediate yields/sustainable)
Land Available with Different Levels of Water	16,000 sq ft (year 2000, water available)	Insufficient	Insufficient	Sufficient land and 9,000 sq ft surplus*	Insufficient	Sufficient land and 12,000 sq ft* surplus
	9,000 sq ft (year 2014–2021, water available)	Insufficient	Insufficient	Sufficient land and 2,000 sq ft surplus*	Insufficient	Sufficient land and 5,000 sq ft* surplus
	4,000 sq ft (year 2000, water scarce)	Insufficient	Insufficient	Insufficient	Insufficient	Sufficient land and no surplus
*Number of square feet represents the area that is in surplus (not needed for food production), that could be left in a natural state to preserve plant and animal genetic diversity and ecosystems.						