

Cambridge University Press

978-0-521-28584-1 - Manufacturing Green Gold: Capital, Labor, and Technology in the Lettuce Industry

William H. Friedland, Amy E. Barton and Robert J. Thomas

Index

[More information](#)

Index

- adoption
 - and diffusion, 96
 - rate of, 108–10
- agriculture
 - and the capitalist mode of production, 6–7, 15
 - as production system, 1–2
 - and the state, 5–6
 - See also* sociology of agriculture
- analytic foci, 32
- Antle, Bud, 64, 77, 78–81, 83, 84, 88, 89, 102
- bracero program, 25, 26, 37, 41, 91
- braceros*, 38, 41, 66
- Burawoy, Michael, 3, 10, 19, 25, 135
- California Tomato Growers Association, 44
- capitalist form of production, 8
- change
 - incremental, 31, 35
 - social, 27
 - transformational, 31, 35–6
- concentration, processes of, 38, 39, 46, 111–12
- conflict, 9, 10, 18
- control, 100–3
 - and domination, 4, 9–11
- crews, *see* harvesters
- differentiation, 3, 15
- family farm, 7
- Finerman, Mel, 51–2, 80
- firms, 74–81, 134
- Fisher, Lloyd, 3, 24–6
- growers, 15
 - grower-shippers, 44, 49, 53, 74
 - and organizations, 17–18
 - organizations of lettuce, 81–5
 - and patterns of production, 17
 - of tomatoes, 39–40
 - social consequences of mechanical lettuce harvesting for, 111–12
- harvesters
 - ground pack, 58–61, 67–9, 115–16
 - shredded lettuce, 63–5
 - wrap pack, 61–3, 116
 - see also* labor force; lettuce, workers
- industrial sociology, 2–3
 - and labor process, 4
- Johnson, Stanley S., 62, 71–3, 108–9, 112–13, 139, 141, 143
- knowledge production, 6, 20–2, 28–30, 35
- labor contractors, 58
- labor force
 - changes in composition of by mechanization, 115–17
 - changes in post mechanization, 41
 - changes in work organization of by mechanization, 118–21
 - costs of, 29
 - displacement of, by mechanization, 112–15, 139–43
 - documented and undocumented, 11, 99–100, 115
 - ethnicity of, 18
 - externalized, 56, 57
 - gender and, 18; greencard, 115
 - internalized, 56
 - numbers in, 51, 69–74, 108
 - recruitment and organization of, 18
 - reproduction of, 18
 - semi-internalized, 58
 - supply, 11, 37, 99, 100
 - surplus, 56
 - see also*, harvesters; labor markets; lettuce, workers

Cambridge University Press

978-0-521-28584-1 - Manufacturing Green Gold: Capital, Labor, and Technology in the Lettuce Industry

William H. Friedland, Amy E. Barton and Robert J. Thomas

Index

[More information](#)158 *Index*

- labor markets
 - agricultural, 5
 - comparative analysis of, 24–6
 - internal, 25
 - unstructured, 25
- labor process
 - definition of, 4, 8
 - Marxian analysis of, 2
 - and organization theory, industrial sociology, 4
- labor relations, 41–2
 - see also* unionism
- land grant system, 6, 20
 - see also* United States Department of Agriculture (USDA)
- lettuce
 - commodity system of, 43–5
 - commodity system, structure of, 45–9
 - distribution of, 52–6
 - land ownership in, 49
 - marketing of, 50
 - packing of, 58, 94
 - palletization of, 52, 95
 - producers of, 74–81
 - production of, 49–52
 - production history of, 65–9
 - promotion of, 85–8
 - shredded, 63–5
 - thin, weed, transplant, 57, 89–91
 - transportation, 54, 106
 - vacuum cooling, 52, 66, 69
 - workers, 69–74
 - see also* growers; harvesters; mechanized harvesting
- marketing orders, *see* lettuce, promotion of
- Martin, William E., 61–2, 67–8, 110
- Marxian, 3, 4, 22
- Marxism, *see* Marxian
- means of production, 7, 20
- mechanized harvesting
 - assumptions about transition to, 107–10
 - and community consequences from, 121–9
 - conditions for transition to, 97–9
 - consequences of, on housing, 124
 - consequences of, on schools, 125
 - consequences of, social, 23
 - consequences of, on social services, 126
 - and internalization of lettuce harvesters, 118–19
 - and internalization of preharvest workers, 119–20
 - and labor, 23
 - lettuce research in, 91–3
 - and machine capacity, 109
 - and machine work organization, 120–1
 - production cost reductions from, 103–5
 - rate of adoption of, 108–10
 - stabilization from, 121–2
 - tomatoes and, 37–8
 - wrap machines, 52
 - see also* lettuce
- methodology, 27
 - of comparative analysis, 31–3
 - historical analysis, 35
 - of social projection, 30
 - systems, 33–5
- mode of production, 6
- Noble, David, 10, 19, 135
- organization theory, 4
- Padfield, Harland, 61–2, 67–8, 110
- prediction, 26–7
 - see also* social projection
- price bargaining, 39–40
- processing tomatoes, 4, 21–3, 37–42
- research
 - in lettuce harvest, 91–3
 - in lettuce postharvest, 93–5, 104–6
 - in lettuce preharvest, 88–91
 - see also* knowledge production
- rural sociology, 2
- scientific and technological development,
 - see* knowledge production
- short handled hoe, 57
- social consequences, of technological change, 26
 - see also* mechanized harvesting
- social division of labor, 2
 - and industrial division of labor, 9
- social projection, 26–9
 - see also* methodology
- social relations of production, 7, 19–20
- sociology of agriculture, 11–13, 136–8
- Stinchcombe, Arthur, 3, 4
- Taylor, Paul, 29
- technical production practices, *see* means of production
- technological change
 - model of, 131
 - and social consequences, 26
 - and social relationships, 4
 - factors affecting, 132–5
 - see also* lettuce, vacuum cooling; mechanized harvesting

Cambridge University Press

978-0-521-28584-1 - Manufacturing Green Gold: Capital, Labor, and Technology in the Lettuce Industry

William H. Friedland, Amy E. Barton and Robert J. Thomas

Index

[More information](#)

Index

159

unionism, 19, 41, 60, 63, 66, 83, 101–2,
134

United Farm Workers (UFW), 58, 77, 83,
84, 101–3, 120, 121

United States Department of Agriculture
(USDA), 6, 20, 28, 45, 80

Weber, Max, 3

Western Growers and Shippers Associa-
tion, 82

Zahara, Michael, 62, 71–3, 108, 109, 112–
13, 139, 141, 143