

Foodborne Illness Outbreaks Associated with Sprouts

Date	Causative Agent	Illnesses Reported	Source	Country of Outbreak
Jan. 2016	<i>E. coli</i> O157	7	Alfalfa sprouts Jack & The Green Sprouts (Wisconsin)	Minnesota, U.S.: http://www.mprnews.org/story/2016/02/24/minnesota-probes-illnesses-linked-to-alfalfa-sprouts
Nov. 2015-Jan. 2016	<i>Salmonella</i> Muenchen	13	Alfalfa sprouts from Sweetwater Farms (Kansas)	Multistate, U.S.: http://www.cdc.gov/salmonella/enteritidis-11-14/ ; http://www.fda.gov/Food/RecallsOutbreaksEmergencies/Outbreaks/ucm424426.htm
Sep. 2014	<i>Salmonella</i> Enteritidis	115	Bean sprouts produced by Wonton Foods	Multistate, U.S.: http://www.cdc.gov/salmonella/enteritidis-11-14/ ; http://www.fda.gov/Food/RecallsOutbreaksEmergencies/Outbreaks/ucm424426.htm
Jun.-Aug. 2014	<i>Listeria monocytogenes</i>	5	Mung bean sprouts produced by Wholesome Soy Products	Illinois and Michigan, U.S.: http://www.cdc.gov/listeria/outbreaks/bean-sprouts-11-14/index.html ; http://www.fda.gov/Food/RecallsOutbreaksEmergencies/Outbreaks/ucm422562.htm
May. 2014	<i>E. coli</i> O121	10	Raw clover sprouts produced by Evergreen Fresh Sprouts, LLC of Idaho are likely source	Washington and Idaho, U.S.: http://www.cdc.gov/ecoli/2014/o121-05-14/index.html ; http://www.doh.wa.gov/Newsroom/2014NewsReleases/14070CloverSproutsSourceofEColiOutbreak
Jul. 2012	<i>Salmonella</i> Cubana	19	Sprouts, unspecified	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Mar. 2012	<i>Listeria monocytogenes</i>	6	Sprouts, unspecified	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Dec. 2011-Feb. 2012	<i>E. coli</i> O26	29	Raw clover sprouts at Jimmy John's restaurants is the likely cause of this outbreak	Multistate, U.S.: http://www.cdc.gov/ecoli/2012/O26-02-12/index.html ; http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Aug. 2011	<i>Salmonella</i> Agona	7	Sprouts, unspecified	Kansas, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Apr.-Jul. 2011	<i>Salmonella</i> Enteritidis	27	Alfalfa sprouts and spicy sprout produced by Evergreen Fresh Sprouts, LLC	Idaho, Montana, North Dakota, New Jersey and Washington, U.S.: http://www.cdc.gov/salmonella/sprouts-enteritidis0611/070611/index.html ; http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
May-Jul. 2011	<i>E. coli</i> O104:H4	4,075	Bean sprouts	Europe, Canada and U.S.: http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6250a3.htm ; Buchholz, U., Bernard, H., Werber, D., Böhmer, M. M., Remschmidt, C., Wilking, H., ... & Kühne, M. (2011). German outbreak of Escherichia coli O104: H4 associated with sprouts. <i>New England Journal of Medicine</i> , 365(19), 1763-1770. https://www-s.med.illinois.edu/m2/epidemiology/LiteratureCritique/pdf/Buchholz_2011.pdf
Apr. 2011	<i>Salmonella</i> Muenchen	7	Clover sprouts	Michigan, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Dec. 2010-Jan. 2011	<i>Salmonella</i> Newport	9	Clover sprouts produced by Sprouters Northwest, Inc., of Kent, WA	Oregon and Washington, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx ; http://www.doh.wa.gov/Portals/1/Documents/1500/NewsReleases/2011/11-001CloverSproutsRecall.pdf
Dec. 2010	<i>Salmonella</i> Cubana	3	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx

Nov. 2010- Feb. 2011	<i>Salmonella</i> serotype I 4,[5],12:i:-	140	Alfalfa sprouts	Multistate, U.S.: http://www.cdc.gov/salmonella/i4512i-021011/index.html ; http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Aug.-Oct. 2010	<i>Salmonella</i> Bareilly	190	Bean sprouts	U.K.: http://www.hpa.org.uk:80/webw/HPAweb&HPAwebStandard/HPAweb_C/1287143210927?p=1259152466069
Mar.-Jun. 2010	<i>Salmonella</i> Newport	44	Alfalfa sprouts produced by J.H. Caldwell and Sons Inc. of Maywood, CA	Multistate, U.S.: http://www.cdc.gov/salmonella/newport/ ; http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Feb. 2010	unknown	4	Sprouts, unspecified	Colorado, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Aug. 2009	<i>Salmonella</i> Typhimurium	14	Alfalfa sprouts	Michigan, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Jun. 2009	<i>Salmonella</i> <i>Bovismorbificans</i>	42	Ready-to-eat alfalfa sprouts	Finland: Rimhanen-Finne, R., Niskanen, T., Lienemann, T., Johansson, T., Sjöman, M., Korhonen, T., Guedes, S., Kuronen, H., Virtanen, M. J., Mäkinen, J., Jokinen, J., Siitonen, A. and Kuusi, M. (2011), A Nationwide Outbreak of <i>Salmonella</i> <i>Bovismorbificans</i> Associated with Sprouted Alfalfa Seeds in Finland, 2009. <i>Zoonoses and Public Health</i> , 58: 589–596. http://onlinelibrary.wiley.com/doi/10.1111/j.1863-2378.2011.01408.x/abstract
Apr.-Jul. 2009	<i>Salmonella</i> Cubana	14	Onion sprouts and mixed onion/alfalfa sprout	Canada: http://www.bccdc.ca/resourcematerials/newsandalerts/healthalerts/2009HealthAlerts/SalmonellaCubanaOutbreak_aug24.htm
Apr. 2009	<i>Salmonella</i> Cubana	2	Sprouts, unspecified	Minnesota, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Feb.-May. 2009	<i>Salmonella</i> Saintpaul	256	Raw alfalfa sprouts	Multistate, U.S.: http://www.cdc.gov/salmonella/saintpaul/alfalfa/ ; http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5818a4.htm
Feb. 2009	<i>Salmonella</i> Oranienberg	25	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Sep. 2008	<i>E. coli</i> O157:NM	21	Alfalfa sprouts; iceberg lettuce, unspecified	Colorado, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Jul. 2008	<i>Salmonella</i> Typhimurium	24	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/default.aspx ; http://www.fda.gov/safety/recalls/archiverecalls/2008/ucm112494.htm
Mar. 2008	<i>Listeria monocytogenes</i>	20	Sprouts, unspecified	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Jul.-Oct. 2007	<i>Salmonella</i> Weltevreden	45	Alfalfa sprouts	Denmark, Norway and Finland: Emberland KE, Ethelberg S, Kuusi M, Vold L, Jensvoll L, Lindstedt BA, Nygård K, Kjelsø C, Torpdahl M, Sørensen G, Jensen T, Lukinmaa S, Niskanen T, Kapperud G. Outbreak of <i>Salmonella</i> <i>Weltevreden</i> infections in Norway, Denmark and Finland associated with alfalfa sprouts, July-October 2007. <i>Euro Surveill.</i> 2007;12(48):pii=3321. Available online: http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=3321

Jul.-Aug. 2007	<i>Salmonella</i> Stanley	44	Alfalfa sprouts	Sweden: Werner S, Boman K, Einemo I, Erntell M, de Jong B, Lindqvist A, Löfdahl M, Löfdahl S, Meeuwisse A, Ohlen G, Olsson M, Stamer U, Sellström E, Andersson Y. Outbreak of <i>Salmonella</i> Stanley in Sweden associated with alfalfa sprouts, July-August 2007. Euro Surveill. 2007;12(42):pii=3291. Available online: http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=3291
Apr. 2007	<i>Salmonella</i> Mbandaka	15	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Feb. 2006	<i>Salmonella</i> Braenderup	4	Bean sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Nov. 2005	<i>Salmonella</i> Oranienberg	125	Alfalfa sprouts	Australia: http://www.health.gov.au/internet/main/publishing.nsf/Content/cda-cdi3003b.htm
Nov. 2005	<i>Salmonella</i> Braenderup	2	Mung sprouts	Massachusetts, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Oct.-Dec. 2005	<i>Salmonella</i> spp.	648	Mung sprouts	Canada: http://news.ontario.ca/archive/en/2005/12/14/Update-on-Salmonella-Outbreak.html ; Outbreak of <i>Salmonella enteritidis</i> phage type 13 associated with mung bean sprouts in Ontario, 2005. Outbreak Investigation. May 17. 2006. http://www.sproutnet.com/pdfs/Toronto-Mung-2005.pdf
Apr. 2004	<i>E. coli</i> O157:NM	2	Alfalfa sprouts	Georgia, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Apr. 2004	<i>Salmonella</i> Bovismorbificans	35	Raw alfalfa sprouts produced by Sprouters Northwest, Inc., of Kent, WA	Oregon and Washington, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx ; http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/2004/ucm108307.htm
Nov. 2003	<i>Salmonella</i> Chester	26	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Jul. 2003	<i>E. coli</i> O157:NM	13	Alfalfa sprouts	Colorado, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx ; D. D. Ferguson, J. Scheftel, A. Cronquist, K. Smith, A. Woo-Ming, E. Anderson J. Knutsen, A. K. De and K. Gershman (2005). Temporally distinct <i>Escherichia coli</i> O157 outbreaks associated with alfalfa sprouts linked to a common seed source – Colorado and Minnesota, 2003. <i>Epidemiology and Infection</i> , 133, pp 439-447. http://dx.doi.org/10.1017/S0950268804003589
Feb. 2003	<i>Salmonella</i> Saintpaul	16	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Feb. 2003	<i>E. coli</i> O157:H7	7	Alfalfa sprouts	Minnesota, U.S.: D. D. Ferguson, J. Scheftel, A. Cronquist, K. Smith, A. Woo-Ming, E. Anderson J. Knutsen, A. K. De and K. Gershman (2005). Temporally distinct <i>Escherichia coli</i> O157 outbreaks associated with alfalfa sprouts linked to a common seed source – Colorado and Minnesota, 2003. <i>Epidemiology and Infection</i> , 133, pp 439-447. http://dx.doi.org/10.1017/S0950268804003589
Jan. 2003	<i>E. coli</i> O157:H7	20	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Jul. 2002	<i>E. coli</i> O157:H7	5	Alfalfa sprouts	California, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Apr. 2001	<i>Salmonella</i> Enteritidis	35	Mung sprouts	Florida, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Feb. 2001	<i>Salmonella</i> Kottbus	32	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx

Jan. 2001	<i>Salmonella</i> Enteritidis	22	Mung sprouts	Hawaii, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Feb.-Mar. 2001	<i>Salmonella</i> Enteritidis	84	Mung sprouts	Canada: Honish, L., & Nguyen, Q. (2001). Outbreak of <i>Salmonella</i> enteritidis phage type 913 gastroenteritis associated with mung bean sprouts--Edmonton, 2001. Canada communicable disease report= Relevé des maladies transmissibles au Canada, 27(18), 151. http://www.sproutnet.com/Outbreak-of-Salmonella-in-Canada
Oct. 2001	unknown	2	Alfalfa sprouts	Florida, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Nov. 2000	<i>S. Enteritidis</i> phage type 4b	12	Bean sprouts	Netherlands: van Duynhoven, Y. T., Widdowson, M. A., de Jager, C. M., Fernandes, T., Neppelenbroek, S., van den Brandhof, W., ... & van Pelt, W. (2002). <i>Salmonella</i> enterica serotype Enteritidis phage type 4b outbreak associated with bean sprouts. Emerging infectious diseases, 8(4), 440. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2730240/
May. 2000	<i>Salmonella enterica</i>	3	Alfalfa spouts (suspected)	Florida, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
2000	<i>Salmonella</i> Enteritidis	75	Mung sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Apr.-Jun. 2000	<i>Salmonella</i> Enteritidis	12	Mung sprouts	Canada: Harb, J., Isaacs, S., Fyfe, M., Crowe, L., Slater, B., Ahmed, R., ... & Hockin, J. (2003). Outbreak of <i>Salmonella</i> enteritidis phage type 11B in the provinces of Alberta and Saskatchewan, June 2000. Canada communicable disease report= Relevé des maladies transmissibles au Canada, 29(14), 125. http://www.sproutnet.com/Outbreak-of-Salmonella-Enteritidis
Aug.-Sep. 1999	<i>Salmonella</i> Muenchen	157	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx ; Proctor, M. E., Hamacher, M., Tortorello, M. L., Archer, J. R., & Davis, J. P. (2001). Multistate outbreak of <i>Salmonella</i> serovar Muenchen infections associated with alfalfa sprouts grown from seeds pretreated with calcium hypochlorite. Journal of clinical microbiology, 39(10), 3461-3465.
May. 1999	<i>Salmonella</i> Saintpaul	36	Clover sprouts	California, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Jan. 1999	<i>Salmonella</i> Mbandaka	83	Alfalfa sprouts	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx ; Gill, C. J., Keene, W. E., Mohle-Boetani, J. C., Farrar, J. A., Waller, P. L., Hahn, C. G., & Cieslak, P. R. (2003). Alfalfa seed decontamination in <i>Salmonella</i> outbreak. Emerging infectious diseases, 9(4), 474. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2957971/
Jan. 1999	<i>Salmonella</i> Typhimurium	112	Clover sprouts	Colorado, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx ; Brooks, J. T., Rowe, S. Y., Shillam, P., Heltzel, D. M., Hunter, S. B., Slutsker, L., ... & Luby, S. P. (2001). <i>Salmonella</i> Typhimurium infections transmitted by chlorine-pretreated clover sprout seeds. American journal of epidemiology, 154(11), 1020-1028. http://aje.oxfordjournals.org/content/154/11/1020.short

Aug.-Sep. 1999	<i>S. paratyphi</i> B var java	51	Alfalfa sprouts	Canada: Stratton, J., Stefaniw, L., Grimsrud, K., Werker, D. H., Ellis, A., Ashton, E., ... & Jensen, B. (2001). Outbreak of <i>Salmonella paratyphi</i> B var java due to contaminated alfalfa sprouts in Alberta, British Columbia and Saskatchewan. <i>Canada communicable disease report= Relevé des maladies transmissibles au Canada</i> , 27(16), 133. http://www.sproutnet.com/Outbreak-of-Salmonella-Paratyphi
Jun. 1998	<i>E. coli</i> O157:NM	8	Alfalfa sprouts	California, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
May. 1998	<i>Salmonella</i> Havana and Cubana	40	Alfalfa sprouts (Havana suspected)	Multistate, U.S.: http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx
Jun.-Jul. 1997	<i>E. coli</i> O157:H7	82	Alfalfa sprouts	Michigan and Virginia, U.S.: Breuer, T., Benkel, D. H., Shapiro, R. L., Hall, W. N., Winnett, M. M., Linn, M. J., ... & Team, I. (2001). A multistate outbreak of <i>Escherichia coli</i> O157: H7 infections linked to alfalfa sprouts grown from contaminated seeds. <i>Emerging infectious diseases</i> , 7(6), 977. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2631892/pdf/11747724.pdf ; http://www.cdc.gov/mmwr/preview/mmwrhtml/00048994.htm
1997	<i>Salmonella</i> Infantis and Anatum	109	Alfalfa sprouts	Kansas and Missouri, U.S.: Taormina, P. J., Beuchat, L. R., & Slutsker, L. (1999). Infections associated with eating seed sprouts: an international concern. <i>Emerging Infectious Diseases</i> , 5(5), 626. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2627711/pdf/10511518.pdf ; Glynn, M. K., Patrick, S., & Wuhib, T. (1998, April). When health food isn't so healthy—an outbreak of <i>Salmonella</i> serotypes Anatum and Infantis associated with eating contaminated sprouts, Kansas and Missouri, 1997. In 47th Annual Epidemic Intelligence Service (EIS) Conference. Atlanta, GA: Centers for Disease Control and Prevention.
Sep. 1997-Jul. 1998	<i>Salmonella</i> Senftenberg	60	Alfalfa sprouts	California and Nevada, U.S.: Mohle-Boetani, J. C., Farrar, J. A., Werner, S. B., Minassian, D., Bryant, R., Abbott, S., ... & Vugia, D. J. (2001). <i>Escherichia coli</i> O157 and <i>Salmonella</i> infections associated with sprouts in California, 1996–1998. <i>Annals of Internal Medicine</i> , 135(4), 239-247. http://annals.org/article.aspx?articleid=714688
1997	<i>Salmonella</i> Meleagridis	78	Alfalfa sprouts	Canada: Taormina, P. J., Beuchat, L. R., & Slutsker, L. (1999). Infections associated with eating seed sprouts: an international concern. <i>Emerging Infectious Diseases</i> , 5(5), 626. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2627711/pdf/10511518.pdf
1997	<i>E. coli</i> O157:H7	126	Radish sprouts	Japan: Taormina, P. J., Beuchat, L. R., & Slutsker, L. (1999). Infections associated with eating seed sprouts: an international concern. <i>Emerging Infectious Diseases</i> , 5(5), 626. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2627711/pdf/10511518.pdf ; Gutierrez, E. (1997). Japan prepares as O157 strikes again. <i>The Lancet</i> , 349(9059), 1156.
May.-Jul. 1996	<i>Salmonella</i> Meleagridis and Montevideo	500	Alfalfa and clover sprouts	California and Nevada, U.S.: Mohle-Boetani, J. C., Farrar, J. A., Werner, S. B., Minassian, D., Bryant, R., Abbott, S., ... & Vugia, D. J. (2001). <i>Escherichia coli</i> O157 and <i>Salmonella</i> infections associated with sprouts in California, 1996–1998. <i>Annals of Internal Medicine</i> , 135(4), 239-247. http://annals.org/article.aspx?articleid=714688

1996	<i>E. coli</i> O157:H7	6,000	Radish sprouts	Japan: Watanabe, Y., Ozasa, K., Mermin, J. H., Griffin, P. M., Masuda, K., Imashuku, S., & Sawada, T. (1999). Factory outbreak of Escherichia coli O157: H7 infection in Japan. <i>Emerging infectious diseases</i> , 5(3), 424. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2640759/pdf/10341179.pdf
1995-1996	<i>Salmonella</i> Newport	133	Alfalfa sprouts	U.S., Canada and Denmark: Taormina, P. J., Beuchat, L. R., & Slutsker, L. (1999). Infections associated with eating seed sprouts: an international concern. <i>Emerging Infectious Diseases</i> , 5(5), 626. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2627711/pdf/10511518.pdf ; Van Beneden, C. A., Keene, W. E., Strang, R. A., Werker, D. H., King, A. S., Mahon, B., ... & Fleming, D. (1999). Multinational outbreak of <i>Salmonella enterica</i> serotype Newport infections due to contaminated alfalfa sprouts. <i>Jama</i> , 281(2), 158-162.; Wegener HC, Baggesen DL, Neimann J, Nielsen SV. An outbreak of human salmonellosis in Denmark caused by alfalfa sprouts. In: <i>Proceedings and abstracts of the International Symposium on Salmonella and Salmonellosis</i> ; Ploufragan, France; May 20-22, 1997:587-589.
1995	<i>Salmonella</i> Stanley	242	Alfalfa sprouts	Finland and U.S.: Mahon, B. E., Pönkä, A., Hall, W. N., Komatsu, K., Dietrich, S. E., Siitonen, A., ... & Slutsker, L. (1997). An international outbreak of <i>Salmonella</i> infections caused by alfalfa sprouts grown from contaminated seeds. <i>Journal of Infectious Diseases</i> , 175(4), 876-882. http://jid.oxfordjournals.org/content/175/4/876.full.pdf?origin=publication_detail
1994	<i>Salmonella</i> Newport	154	Alfalfa sprouts	Denmark: WHO Surveillance Programme for Control of Foodborne Infections and Intoxications in Europe, 7th Report: Denmark 1993-1998. http://www.bfr.bund.de/internet/7threport/CRs/den.pdf
1994	<i>Salmonella</i> Bovismorbificans	595	Australian alfalfa sprouts seed	Sweden and Finland: Taormina, P. J., Beuchat, L. R., & Slutsker, L. (1999). Infections associated with eating seed sprouts: an international concern. <i>Emerging Infectious Diseases</i> , 5(5), 626. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2627711/pdf/10511518.pdf ; Puohiniemi, R., Heiskanen, T., & Siitonen, A. (1997). Molecular epidemiology of two international sprout-borne <i>Salmonella</i> outbreaks. <i>Journal of clinical microbiology</i> , 35(10), 2487-2491. http://jcm.asm.org/content/35/10/2487.full.pdf ; Pönkä, A., Andersson, Y., Siitonen, A., de Jong, B., Jahkola, M., Haikala, O., ... & Pakkala, P. (1995). <i>Salmonella</i> in alfalfa sprouts. <i>The Lancet</i> , 345(8947), 462-463.
Oct. 1990	<i>Salmonella</i> Anatum	15	Alfalfa sprouts	Washington, U.S.: http://www.cdc.gov/outbreaknet/pdf/surveillance/1990_line1ist.pdf
Oct. 1990	unknown	32	Alfalfa sprouts, cucumber, lettuce	Washington, U.S.: http://www.cdc.gov/outbreaknet/pdf/surveillance/1990_line1ist.pdf
1989	<i>Salmonella</i> Goldcoast	31	Cress sprouts	U.K.: Taormina, P. J., Beuchat, L. R., & Slutsker, L. (1999). Infections associated with eating seed sprouts: an international concern. <i>Emerging Infectious Diseases</i> , 5(5), 626. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2627711/pdf/10511518.pdf ; Joce, R., O'Sullivan, D. G., Strong, C., Rowe, B., Hall, M. L. M., & Threlfall, E. J. (1990). A national outbreak of <i>Salmonella</i> Gold-Coast. <i>Commun Dis Rep CDR Rev</i> , 4, 3-4.

1988	<i>Salmonella</i> Saintpaul and Virchow PT34 (7cases)	143	Mung sprouts	U.K.: O'mahony, M., Cowden, J., Smyth, B., Lynch, D., Hall, M., Rowe, B., ... & Bartlett, C. L. R. (1990). An outbreak of <i>Salmonella</i> saint-paul infection associated with beansprouts. <i>Epidemiology and infection</i> , 104(02), 229-235. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2271762/pdf/epidinfec00020-0070.pdf
1973	<i>Bacillus cereus</i>	4	Soy, cress, mustard sprouts	U.S.: Portnoy, B. L., Goepfert, J. M., & Harmon, S. M. (1976). An outbreak of <i>Bacillus cereus</i> food poisoning resulting from contaminated vegetable sprouts. <i>American journal of epidemiology</i> , 103(6), 589-594.