| **Citation** | **Study location** | **Cropping system**  | **Management technique(s)** | **Herbicide group(s)** | **Study duration** |
| --- | --- | --- | --- | --- | --- |
| **< 1 year** | **1-2 years** | **>2 years** |
| Banks et al. 1979\* | Oklahoma, United States | winter wheat | herbicide | 3, 4, 9, 14 | X | X |  |
| Bijanzadeh and Ghadiri 2006\* | Shiraz, Iran | corn | herbicide | 2, 4, 5, 15, mix | X |  |  |
| Bilalis et al. 2003 | Athens, Greece | faba bean | mulch | na | X |  |  |
|  |  |  | non-herbicide integrated | na | X |  |  |
|  |  |  | soil disturbance | na | X |  |  |
| Chhipa and Nepalia 2015\* | Udaipur, India | wheat | herbicide | 2, 4, 14 | X |  |  |
| Davison and Bailey 1974 | Oxfordshire, United Kingdom | fallow | herbicide | 4, 9 | X | X |  |
| Erman et al. 2004\* | Van, Turkey | lentil | herbicide | 5, 7, 14 | X |  |  |
|  |  |  | herbicide integrated | na | X |  |  |
|  |  |  | soil disturbance | na | X |  |  |
| Fathi 2005 | Khoozestan, Iran | corn | herbicide integrated | na | X |  |  |
|  |  |  | herbicide | 8 | X |  |  |
| Fathi 2006 | Khoozestan, Iran | common bean | soil disturbance | na | X |  |  |
| Fujiyoshi et al. 2007\* | California, United States | corn | competition | na | X |  |  |
| Garcia-Martin et al. 2007\* | Badajoz, Spain | diversified (fallow, barley, vetch, durum wheat) | soil disturbance | na | X |  |  |
| Gigax and Messersmith 1978\* | North Dakota, United States | spring wheat | herbicide | 4, 9 | X |  |  |
| Heering and Peeper 1991\* | Oklahoma, United States | winter wheat | herbicide | 2 |  | X |  |
| Heisey and Heisey 2003 | Pennsylvania, United States | cauliflower, tomatoes, corn, and beans | bioherbicide | na | X |  |  |
| Jones and Evans 1973 | Utah, United States | fallow | herbicide | 4 | X | X |  |
| Karimmojeni et al. 2013\* | Najaf Abad County, Iran | flax | herbicide | 4, 5, 6, mix | X |  |  |
| Kewat and Pandey 2001 | New Delhi, India | soybean | herbicide | 3, 5 | X |  |  |
| Khalil et al. 2010\* | Peshawar, Pakistan | corn | competition | na | X |  |  |
| Kleifeld 1972 | Kibbutz Usha, Israel | fallow | herbicide | 14 | X |  |  |
|  |  |  | herbicide integrated | na | X |  |  |
| Knezevic et al. 2009 | Nebraska, United States | fallow | herbicide | 14 | X |  |  |
| Knezevic et al. 2010 | Nebraska, United States | fallow | herbicide | 14 | X |  |  |
| Lehoczky et al. 2013 | Keszthely, Hungary | diversified (winter wheat, winter wheat, maize, maize) | soil disturbance | na | X |  |  |
| Lym and Humburg 1987 | Wyoming, United States | fallow | herbicide | 4 |  | X | X |
| MacDonald et al. 1993 | Ontario, Canada | corn | herbicide | 4 | X |  |  |
| Marsalis et al. 2008 | New Mexico, United States | diversified (sorghum, wheat, fallow) | herbicide | 4 | X | X | X |
| Mashhadi and Evans 1987 | Utah, United States | fallow | herbicide | 4, 9 | X |  |  |
| Matic and Black 1994 | South Australia, Australia | diversified (wheat, barley, field peas) | herbicide | 2, 4, 9, mix | X | X |  |
| Miller 1987 | Wyoming, United States | fallow | herbicide | 4, mix | X |  |  |
| Miller and Neider 1992 (a) | Wyoming, United States | fallow | herbicide | 4 |  | X |  |
| Miller and Neider 1992 (b)\* | Wyoming, United States | winter wheat | herbicide | 4, 9 | X | X |  |
| Mishra and Kurchania 2001\* | Jabalpur, India | mustard | fertilizer | na | X |  |  |
|  |  |  | herbicide | 7 | X |  |  |
| Mishra and Singh 2009 | Madhya Pradesh, India | diversified (soybean, wheat or soybean, linseed) | herbicide | mix | X |  |  |
| Rao 1983\* | Ujjain, India | corn | herbicide | 4, 5 | X |  |  |
| Schweizer and Swink 1971\* | Colorado, United States | diversified (sorghum, sugarbeets, corn) | herbicide | 4 | X | X | X |
| Schweizer et al. 1978\* | Colorado, United States | diversified (corn, sorghum) | herbicide | 4 | X | X | X |
| Singh and Agarwal 2004\* | Hisar, India | mustard | herbicide | 14 | X |  |  |
|  |  |  | non-herbicide integrated | na | X |  |  |
| Stahler and Carlson 1947 | Minnesota, United States | rye | grazing | na | X |  |  |
| Stone et al. 2005 | Oklahoma, United States | winter wheat | herbicide | 4, 9, mix | X |  | X |
| Tolimir et al. 2006\* | Belgrade, Serbia | corn | soil disturbance | na | X |  |  |
| Vasilakoglou et al. 2013\* | Central and northern Greece | potato | herbicide | 2, 14 | X |  |  |
| Westra and D'Amato 1988 | Colorado, United States | wheat fallow | herbicide | 4, mix | X | X |  |
| Westra et al. 1992 | Colorado and Wyoming, United States | wheat fallow | herbicide | 4, mix |  | X |  |
| Whitesides 1979 | Oregon, United States | wheat | soil disturbance | na | X |  |  |
|  |  |  | herbicide integrated | na | X |  |  |
|  |  |  | herbicide | 9 | X | X |  |
| Whitson and Tuck 1986 | Oregon, United States | barley | herbicide | 4 | X |  |  |
| Wiese and Lavake 1986 | Texas, United States | fallow | herbicide | 4, mix |  |  | X |
|  |  |  | herbicide integrated | na |  | X |  |
| Wiese et al. 1967 | Texas, United States | fallow | herbicide | 4 | X | X |  |
|  |  |  | soil disturbance | na | X |  |  |
| Wiese et al. 1981 | Texas, United States | na | herbicide | 4 |  | X |  |
| Wiese et al. 1997 | Texas, United States | fallow | herbicide integrated | na | X |  |  |
| Wilson 1978 | Nebraska, United States | winter wheat | herbicide | 4, 9, 27 | X | X |  |
|  |  | field beans- alfalfa | herbicide | 4, 9 |  | X | X |

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| **Citation** | **Study location** | **Perennial system description** | **Management technique(s)** |
| Abu-Dieyeh et al. 2007 | Quebec, Canada | lawn | competition |
|  |  |  | biocontrol |
|  |  |  | non-herbicide integrated |
| Boss et al. 2007 | Switzerland | meadow | biocontrol |
| Celebi et al. 2010 | Van, Turkey | alfalfa | competition |
| Elmore et al. 1993 | California, United States | turf | solarization |
|  |  |  | herbicide |
| Guntli et al. 1998 | Zurich, Switzerland | cemetery | biocontrol |
| Heiny 1994 | Colorado, United States | smooth brome field | biocontrol |
|  |  |  | herbicide |
| Stahler and Carlson 1947 | Minnesota, United States | alfalfa-bromegrass or alfalfa-reed canarygrass | grazing |
| Timmons 1950 | Kansas, United States | lawn | non-herbicide integrated |
|  |  |  | competition |
| Vore 1987 | Wyoming, United States | intermediate wheatgrass | herbicide |