

Optimization of Harvesting and Drying Techniques for Quality Seed Production in Specialty Crops: A Systematic Review and Meta-Analysis

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Table S1. Identification of the studies used for harvesting and drying analyses on the quality of specialty crop seeds.

Identification	Culture	Focus	Analyzed Indicators	Reference
1	<i>Solanum lycopersicum</i>	Harvesting	Germination rate;	[1]
2	<i>Cucumis sativus</i>	Harvesting	Soluble sugar content; starch content; soluble protein content; total AA content;	[2]
3	<i>Solanum spp.</i>	Harvesting	Hundred seed mass; germination rate; seed vigour index;	[3]
4	<i>Capsicum pubescens</i>	Harvesting	Thousand seed mass; main germination time;	[4]
5	<i>Capsicum annuum</i>	Harvesting	Seedling dry mass; seed leaching EC;	[5]
6	<i>Lagenaria siceraria</i>	Harvesting	Hundred seed mass; germination rate; seedling hypocotyl length; seedling dry mass; seed vigour index; seed leaching EC;	[6]
7	<i>Cucurbita pepo</i>	Harvesting	Hundred seed mass; germination rate; seed vigour index; soluble sugar content; lipid content; total AA content;	[7]
8	<i>Coriandrum sativum</i>	Harvesting	Germination rate; emergence rate; emergence velocity index; first count normal seedling; moisture content;	[8]
9	<i>Abelmoschus esculentus</i>	Harvesting and Drying	Hundred seed mass; seed dry mass; germination rate; moisture content;	[9]
10	<i>Capsicum frutescens</i>	Harvesting	Seed length; seed width; seed thickness; hundred seed mass; seed count kg; germination rate; mean germination time; emergence velocity index; Seedling hypocotyl length; seedling root length; seedling dry mass; seed vigour index; moisture content;	[10]

11	<i>Cucurbita moschata</i>	Harvesting and Drying	Hundred seed mass; seed dry mass; germination rate; Seedling hypocotyl length; seedling dry mass; seed vigour index; moisture content; total protein content; seed leaching EC;	[11]
12	<i>Lagenaria siceraria</i>	Harvesting and Drying	Hundred seed mass; germination rate; seedling hypocotyl length; moisture content; lipid content; total protein content;	[12]
13	<i>Capsicum baccatum</i>	Harvesting and Drying	Thousand seed mass; hundred seed mass; germination rate; emergence rate; first count normal seedling; moisture content; seed leaching EC;	[13]
14	<i>Carica papaya</i>	Harvesting	Hundred seed mass; germination rate; first count normal seedling; seedling hypocotyl length; seedling dry mass; seed vigour index;	[14]
15	<i>Capsicum chinense</i>	Harvesting and Drying	Germination rate; emergence rate; moisture content; accelerated aging test;	[15]
16	<i>Cleome gynandra</i>	Harvesting and Drying	Thousand seed mass; germination rate;	[16]
17	<i>Solanum melongena</i>	Harvesting and Drying	Hundred seed mass; germination rate;	[17]
18	<i>Abelmoschus esculentus</i>	Harvesting	Thousand seed mass; germination rate; seed vigour index;	[18]
19	<i>Vicia cracca</i>	Harvesting	Seed length; seed width; seed thickness; germination rate; seedling dry mass; seed leaching EC; accelerated aging test; freezing test;	[19]
20	<i>Abelmoschus esculentus</i>	Harvesting	Hundred seed mass; germination rate; first count normal seedling; moisture content; seed leaching EC;	[20]
21	<i>Capsicum annuum</i>	Harvesting	Germination rate; mean germination time;	[21]
22	<i>Cucurbita moschata</i>	Harvesting	Hundred seed mass; germination rate; seedling hypocotyl length; seedling dry mass; seed vigour index; moisture content; seed leaching EC;	[22]
23	<i>Coriandrum sativum</i>	Harvesting	Germination rate; emergence rate; emergence velocity index; first count normal seedling; moisture content;	[23]
24	<i>Vicia sativa</i>	Harvesting and Drying	Seed dry mass; germination rate; emergence velocity index; moisture content; seed leaching EC;	[24]
25	<i>Lycopersicon esculentum</i>	Harvesting and Drying	Seed dry mass; germination rate; emergence velocity index; first count normal seedling; moisture content; seed leaching EC; accelerated aging test;	[25]
26	<i>Lycopersicon esculentum</i>	Harvesting	Seed dry mass; germination rate; emergence rate; emergence velocity index; first count normal seedling; moisture content; seed leaching EC;	[26]
27	<i>Allium cepa</i>	Harvesting	Hundred seed mass; germination rate; seed vigour index;	[27]

28	<i>Daucus carota</i>	Harvesting	Thousand seed mass; germination rate; emergence rate; emergence velocity index; accelerated aging test; purity;	[28]
29	<i>Cucumis sativus</i>	Harvesting	Seed dry mass; moisture content;	[29]
30	<i>Benincasa hispida</i>	Harvesting	Germination rate; seedling dry mass; moisture content;	[30]
31	<i>Daucus carota</i>	Harvesting	Thousand seed mass; germination rate; seedling hypocotyl length; seedling root length; seedling dry mass; moisture content;	[31]
32	<i>Pisum sativum</i>	Drying	Germination rate; moisture content;	[32]
33	<i>Carica papaya</i>	Drying	Seed dry mass; germination rate; first count normal seedling; moisture content;	[33]
34	<i>Carica papaya</i>	Drying	Germination rate; emergence velocity index; first count normal seedling; seedling hypocotyl length; freezing test;	[34]
35	<i>Capsicum annuum</i>	Drying	Germination rate; emergence rate; seedling hypocotyl length; seedling root length; seedling dry mass; seed vigour index; moisture content; seed leaching EC;	[35]
36	<i>Physalis ixocarpa</i>	Drying	Germination rate; emergence velocity index; seedling dry mass;	[36]
37	<i>Capsicum annuum</i>	Drying	Germination rate; accelerate aging test;	[37]
38	<i>Lablab purpureus</i>	Drying	Germination rate; seed leaching EC	[38]
39	<i>Cucumis sativum</i>	Drying	Germination rate; moisture content;	[39]
40	<i>Vigna angularis</i>	Drying	Germination rate; emergency velocity index; seed leaching EC; water absorption;	[40]
41	<i>Solanum melongena</i>	Drying	Germination rate; emergence rate; moisture content;	[41]
42	<i>Cucurbita moschata</i>	Drying	Seed dry mass; germination rate; seedling hypocotyl length; seed vigour index; seed leaching EC;	[42]
43	<i>Capsicum chinense</i>	Drying	Germination rate; emergence rate; first count normal seedling; seed leaching EC; tetrazolium test;	[43]
44	<i>Solanum aethiopicum</i>	Drying	Germination rate; first count normal seedling; moisture content;	[44]
45	<i>Physalis ixocarpa</i>	Drying	Germination rate; emergence velocity index; seedling dry mass; moisture content;	[45]

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