



码上看报



码上订报

# 小麦越冬水,该浇了吗?

小麦冬灌,一般能增产15%—20%。小麦生长期很长,如果不冬灌,遇到倒春寒天气,或者冬天特别冷时,小麦就容易出现冻害情况。

## 冬灌的作用是什么

- 1.能使土壤变瓷实。浇灌越冬水,可使疏松的土壤变瓷实,不致麦根因土壤空虚,保温效果差而受冻害,也增强了土壤的保墒能力。
- 2.可预防春旱。浇灌越冬水,既可降低冬季的水分蒸发,还可起到提墒保墒、冬水春用的效果,防止早春干旱。
- 3.冬水冬肥相结合,可为翌年春季小麦返青和根系生长创造良好的条件。盐碱地麦田冬灌,还可以压碱改土。

## 如何做到因墒因苗做好科学冬灌

### 视整地质量水平进行冬灌

- 1.保水条件较好、整地质量高、播后镇压到位、越冬前0—40厘米土壤相对含水量在70%以上的麦田,可不用冬灌。
- 2.部分耕种粗放、坷垃较多及秸秆还田土壤松暄的地块,尤其是悬根苗较多及土壤保水力差、越冬前0—40厘米土壤相对含水量低于70%的麦田,要适时浇灌越冬水,以保苗安全越冬。

### 视苗情墒情浇灌冻水

- 1.墒情适宜、苗壮苗齐的麦田可免浇越冬水。
- 2.生长过旺的麦田,如镇压措施到位,土壤墒情适宜的可推迟或不进行冬灌,以便控旺促壮。

3.湿黏地播种后,坷垃大面多,跑墒漏风,镇压不适用,要浇好冻水,浇冻水可弥补土壤裂缝,并利用水的冻融作用粉碎坷垃。

### 视播期播量安排灌溉

- 1.对于基本苗不足或早播的脱肥旺苗或未施足底肥的麦田,可以结合冬灌施肥。
- 2.对于播期偏晚的麦田,积温不够是影响年前壮苗的主要因素,田间管理要以促为主。冬前如果墒情适宜,一般不要追肥浇水,以免降低地温,影响发苗,可浅锄2—3遍,以松土、保墒、增温,促进个体发育。

### 视气候等因素确定冬灌时间

- 1.对于地力差、施肥不足、群体偏小、长势较差的弱苗麦田,越冬水可于11月下旬早浇,并结合浇水追肥,以促进生长。
- 2.一般壮苗麦田,当日均气温稳定至3℃—4℃(11月底至12月初)夜冻昼消时浇越冬水为最好,要在麦田上大冻之前完成浇越冬水。浇越冬水要在晴天上午进行,浇水量不宜过大,以浇水后当天全部渗入土中为宜,切忌大水漫灌。浇过冻水后,小麦要及时锄划,破除板结,弥补缺陷,以利麦苗顺利越冬。

### 节灌措施在浇冻水时建议

采用“小白龙”软管输水+小畦灌溉、喷灌、滴灌等节水灌溉措施,切忌大水漫灌。采用畦灌方式的麦田,每亩灌溉用水量应控制在40—50立方米;采用喷灌、滴灌、微喷灌方式的麦田,每亩灌溉用水量应控制在25—30立方米。底肥不足、苗子偏弱的麦田,要结合冬灌,适量补施氮肥,促弱转壮。(科普中国)

芹菜种子发芽的温度范围是5—25℃,30℃以上发芽受阻。夏秋芹菜播种时气温较高,对种子进行低温处理,可使其早出苗、出苗齐。

低温处理先将种子用纱布包好,放在井水中浸种,水温低于25℃,种子浸10小时,然后低温催芽。催芽方法有3种,可根据实际情况选用。

一是将种子用纱布裹好放入-5℃—-3℃冷库中冷冻24小时,之后将冻结的种子放在室内任其融

化,2—3天就能发芽。二是将湿纱布包好的种子置于冰箱保鲜室,保持15—20℃,3—5天就能发芽。

三是将种子用湿纱布裹好悬吊在井中,离井内水面30厘米,3—5天就能发芽。催芽过程中要及时补水,每天至少将种子淘洗一次,中途让种子适当见光。催芽后适墒播种,播后盖草帘保湿,有条件的可搭1米高的遮阳棚,以利于出苗。

(王莽)

# 芹菜低温催芽技术

# 常见的8种阳台蔬菜种植管理要点

## 鸡毛菜

鸡毛菜喜欢土壤疏松、透气、保水。阳台种植鸡毛菜可以置于阳光充足的地方,否则易徒长倒伏。鸡毛菜生长比较快,可以保持盆土湿润即可。长真叶3—4片时,

发芽。将发芽的生姜种植在花盆里面,用土盖住一大半姜身,一次性浇水浇透,到芽冒出来前都不用再浇。

## 生菜

将生菜的叶端和根部剪开,根茎长度为4厘米。将生菜根茎放置到盛水的容器里,水位以刚漫过根部最合适,即1厘米左右。很快生菜就长长高大了。

## 菠菜

菠菜喜欢碱性土壤,适宜pH为7.3—8.2之间。可以用园土掺配一些腐殖土和沙土使用。对光照要求不严,半日照或者全日照都行。发芽前需要大量水分,发芽后保持盆土湿润,可使产量高,品质好。菠菜为叶菜,需要较多的氮肥及适当的磷、钾肥,可用液体肥料追肥两次。差不多长到20—25厘米的时候即可采收。

## 空心菜

空心菜土以疏松、透气、保水的土壤为宜。喜光,整个生长期需要充足的光照。保持土壤湿润,土壤水分不足,易导致空心菜纤维增多,影响产量和品质。空心菜生长快,需肥量大,耐肥力强,对氮、磷肥的需要量较大,可每周施肥1次。生长适温为25—30℃,10℃以下停止生长。

## 樱桃萝卜

樱桃萝卜以土层深厚,保水,排水良好,疏松透气的砂质壤土为宜。置于光照充足的地方,光照不足影响光合产物的积累,肉质根膨大缓慢,降低,品质变差。发芽和幼苗期需水不多,生长旺盛期保持盆土湿润,不耐干旱。樱桃萝卜喜钾肥,增施钾肥,配合氮、磷肥,可优质增产。生长适宜的温度范围为5—25℃,种子发芽的适温为20—25℃。

(张立)

## 豆芽

将豆子放在水里浸泡8个小时,绿豆、黄豆、黑豆都可以。然后过滤掉多余的水,将绿豆放到一个大的玻璃瓶里,高度以到玻璃瓶的1/3为宜。用橡皮筋将棉纱布包裹在玻璃瓶口,每天透过棉纱布细孔换两次水,手别触碰到绿豆芽。当玻璃瓶中有粘液时要及时用清水冲洗出来。三四天后,玻璃瓶里就挤满了豆芽,特别好看。

## 西红柿

西红柿种植时浇一次水,浇透,之后3—5天浇一次水。结果之前控制浇水,结果后要盆土湿润。上盆后10天浇一次肥水,在开花之前施入腐熟的鸡粪。

## 生姜

若生姜已发芽,从发芽处切开,可多切一点姜肉;若没有发芽,则将生姜放入水中,等待生姜



# 农技指导

**公告**

根据《中华人民共和国海域使用管理法》的有关规定,现对1宗海域使用权申请转让、变更情况予以公示:

海域使用权人:山东蓝色海洋科技股份有限公司  
海域使用范围:

序号	北纬	东经	序号	北纬	东经	序号	北纬	东经	序号	北纬	东经
1	37° 16' 51.311"	119° 40' 07.297"	58	37° 17' 55.939"	119° 40' 35.684"	113	37° 17' 39.072"	119° 40' 35.756"	173	37° 17' 18.959"	119° 40' 35.152"
2	37° 16' 51.316"	119° 40' 37.452"	59	37° 17' 59.183"	119° 40' 35.670"	114	37° 17' 39.070"	119° 40' 35.066"	174	37° 17' 05.586"	119° 40' 08.618"
3	37° 18' 12.863"	119° 40' 37.375"	60	37° 17' 59.181"	119° 40' 34.979"	115	37° 17' 25.697"	119° 40' 08.530"	175	37° 17' 05.588"	119° 40' 09.309"
4	37° 17' 59.200"	119° 40' 32.020"	61	37° 17' 45.808"	119° 40' 08.442"	116	37° 17' 25.699"	119° 40' 09.221"	176	37° 17' 08.832"	119° 40' 09.294"
5	37° 17' 59.000"	119° 40' 31.110"	62	37° 17' 45.810"	119° 40' 09.133"	117	37° 17' 28.943"	119° 40' 09.206"	177	37° 17' 08.830"	119° 40' 08.604"
6	37° 17' 58.320"	119° 40' 31.920"	63	37° 17' 49.054"	119° 40' 09.118"	118	37° 17' 28.941"	119° 40' 08.516"	178	37° 17' 05.598"	119° 40' 12.820"
7	37° 17' 59.040"	119° 40' 32.860"	64	37° 17' 49.052"	119° 40' 08.428"	119	37° 17' 25.700"	119° 40' 12.732"	179	37° 17' 05.600"	119° 40' 13.510"
8	37° 18' 12.539"	119° 40' 07.125"	65	37° 17' 45.820"	119° 40' 12.645"	120	37° 17' 25.711"	119° 40' 13.423"	180	37° 17' 08.844"	119° 40' 13.496"
9	37° 18' 05.919"	119° 40' 08.354"	66	37° 17' 45.822"	119° 40' 13.335"	121	37° 17' 28.955"	119° 40' 13.408"	181	37° 17' 08.842"	119° 40' 12.806"
10	37° 18' 05.921"	119° 40' 09.044"	67	37° 17' 49.065"	119° 40' 13.321"	122	37° 17' 28.953"	119° 40' 12.718"	182	37° 17' 05.611"	119° 40' 17.367"
11	37° 18' 09.164"	119° 40' 09.030"	68	37° 17' 49.063"	119° 40' 12.630"	123	37° 17' 25.722"	119° 40' 17.279"	183	37° 17' 05.613"	119° 40' 18.057"
12	37° 18' 09.163"	119° 40' 08.340"	69	37° 17' 45.832"	119° 40' 17.192"	124	37° 17' 25.723"	119° 40' 17.970"	184	37° 17' 08.856"	119° 40' 18.043"
13	37° 18' 05.931"	119° 40' 12.557"	70	37° 17' 45.834"	119° 40' 17.882"	125	37° 17' 28.967"	119° 40' 17.956"	185	37° 17' 08.854"	119° 40' 17.353"
14	37° 18' 05.938"	119° 40' 13.247"	71	37° 17' 49.078"	119° 40' 17.868"	126	37° 17' 28.965"	119° 40' 17.265"	186	37° 17' 05.623"	119° 40' 21.914"
15	37° 18' 09.176"	119° 40' 13.233"	72	37° 17' 49.076"	119° 40' 17.178"	127	37° 17' 25.734"	119° 40' 21.826"	187	37° 17' 05.625"	119° 40' 22.604"
16	37° 18' 09.174"	119° 40' 12.543"	73	37° 17' 45.845"	119° 40' 21.739"	128	37° 17' 25.736"	119° 40' 22.517"	188	37° 17' 08.869"	119° 40' 22.590"
17	37° 18' 05.943"	119° 40' 17.104"	74	37° 17' 45.847"	119° 40' 22.430"	129	37° 17' 28.980"	119° 40' 22.503"	189	37° 17' 08.867"	119° 40' 21.900"
18	37° 18' 05.945"	119° 40' 17.975"	75	37° 17' 49.091"	119° 40' 22.416"	130	37° 17' 28.978"	119° 40' 21.812"	190	37° 17' 05.636"	119° 40' 26.640"
19	37° 18' 09.189"	119° 40' 17.781"	76	37° 17' 49.089"	119° 40' 21.725"	131	37° 17' 25.747"	119° 40' 26.374"	191	37° 17' 05.638"	119° 40' 27.150"
20	37° 18' 09.187"	119° 40' 17.090"	77	37° 17' 45.858"	119° 40' 26.287"	132	37° 17' 25.749"	119° 40' 27.064"	192	37° 17' 08.881"	119° 40' 27.136"
21	37° 18' 05.956"	119° 40' 21.652"	78	37° 17' 45.859"	119° 40' 26.977"	133	37° 17' 28.992"	119° 40' 27.050"	193	37° 17' 08.880"	119° 40' 26.446"
22	37° 18' 05.958"	119° 40' 22.342"	79	37° 17' 49.103"	119° 40' 26.903"	134	37° 17' 28.990"	119° 40' 26.360"	194	37° 17' 05.648"	119° 40' 31.007"
23	37° 18' 09.201"	119° 40' 22.328"	80	37° 17' 49.101"	119° 40' 26.273"	135	37° 17' 25.759"	119° 40' 30.920"	195	37° 17' 05.650"	119° 40' 31.697"
24	37° 18' 09.199"	119° 40' 21.638"	81	37° 17' 45.870"	119° 40' 30.834"	136	37° 17' 25.761"	119° 40' 31.611"	196	37° 17' 08.894"	119° 40' 31.683"
25	37° 18' 05.968"	119° 40' 26.200"	82	37° 17' 45.872"	119° 40' 31.524"	137	37° 17' 29.005"	119° 40' 31.597"	197	37° 17' 08.892"	119° 40' 30.993"
26	37° 18' 05.970"	119° 40' 26.890"	83	37° 17' 49.116"	119° 40' 31.510"	138	37° 17' 29.003"	119° 40' 30.906"	198	37° 17' 05.660"	119° 40' 35.208"
27	37° 18' 09.214"	119° 40' 26.876"	84	37° 17' 49.114"	119° 40' 30.820"	139	37° 17' 25.771"	119° 40' 35.122"	199	37° 17' 05.662"	119° 40' 35.899"
28	37° 18' 09.212"	119° 40' 26.186"	85	37° 17' 45.882"	119° 40' 35.036"	140	37° 17' 25.773"	119° 40' 35.813"	200	37° 17' 08.905"	119° 40' 35.885"
29	37° 18' 05.981"	119° 40' 30.748"	86	37° 17' 45.883"	119° 40' 35.726"	141	37° 17' 29.016"	119° 40' 35.799"	201	37° 17' 08.904"	119° 40' 35.195"
30	37° 18' 05.983"	119° 40' 31.438"	87	37° 17' 49.123"	119° 40' 35.713"	142	37° 17' 29.014"	119° 40' 35.108"	202	37° 16' 55.531"	119° 40' 08.663"
31	37° 18' 09.226"	119° 40' 31.424"	88	37° 17' 49.125"	119° 40' 35.022"	143	37° 17' 15.642"	119° 40' 08.574"	203	37° 16' 55.533"	119° 40' 09.353"
32	37° 18' 09.225"	119° 40' 30.734"	89	37° 17' 35.753"	119° 40' 08.486"	144	37° 17' 15.644"	119° 40' 09.265"	204	37° 16' 58.777"	119° 40' 09.338"
33	37° 17' 55.863"	119° 40' 08.398"	90	37° 17' 35.755"	119° 40' 09.177"	145	37° 17' 18.887"	119° 40' 09.250"	205	37° 16' 58.775"	119° 40' 08.648"
34	37° 17' 55.865"	119° 40' 09.088"	91	37° 17' 38.998"	119° 40' 09.162"	146	37° 17' 18.885"	119° 40' 08.560"	206	37° 16' 55.543"	119° 40' 12.864"
35	37° 17' 59.109"	119° 40' 09.074"	92	37° 17' 38.996"	119° 40' 08.472"	147	37° 17' 15.653"	119° 40' 12.776"	207	37° 16' 55.545"	119° 40' 13.554"
36	37° 17' 59.107"	119° 40' 08.384"	93	37° 17' 35.764"	119° 40' 12.688"	148	37° 17' 15.655"	119° 40' 13.466"	208	37° 16' 58.788"	119° 40' 13.540"
37	37° 17' 55.875"	119° 40' 12.601"	94	37° 17' 35.766"	119° 40' 13.379"	149	37° 17' 18.899"	119° 40' 13.452"	209	37° 16' 58.786"	119° 40' 12.850"
38	37° 17' 55.877"	119° 40' 13.291"	95	37° 17' 39.010"	119° 40' 13.364"	150	37° 17' 18.897"	119° 40' 12.762"	210	37° 16' 55.555"	119° 40' 17.411"
39	37° 17' 59.121"	119° 40' 13.277"	96	37° 17' 39.008"	119° 40' 12.674"	151	37° 17' 15.666"	119° 40' 17.323"	211	37° 16' 55.557"	119° 40' 18.101"
40	37° 17' 59.119"	119° 40' 12.586"	97	37° 17' 35.777"	119° 40' 17.236"	152	37° 17' 15.668"	119° 40' 18.013"	212	37° 16' 58.801"	119° 40' 18.087"
41	37° 17' 55.888"	119° 40' 12.148"	98	37° 17' 35.779"	119° 40' 17.926"	153	37° 17' 18.912"	119° 40' 17.999"	213	37° 16' 58.799"	119° 40' 17.396"
42	37° 17' 55.890"	119° 40' 17.838"	99	37° 17' 39.023"	119° 40' 17.912"	154	37° 17' 18.910"	119° 40' 17.309"	214	37° 16' 55.568"	119° 40' 21.957"
43	37° 17' 59.133"	119° 40' 17.824"	100	37° 17' 39.021"	119° 40' 17.222"	155	37° 17' 15.679"	119° 40' 21.870"	215	37° 16' 55.570"	119° 40' 22.647"
44	37° 17' 59.131"	119° 40' 17.134"	101	37° 17' 35.790"	119° 40' 21.783"	156	37° 17' 15.681"	119° 40' 22.560"	216	37° 16' 58.813"	119° 40' 22.633"
45	37° 17' 55.900"	119° 40' 21.696"	102	37° 17' 35.791"	119° 40' 22.473"	157	37° 17' 18.924"	119° 40' 22.546"	217	37° 16' 58.812"	119° 40' 21.943"
46	37° 17' 55.902"										